4ManPro

Elements For Manufacturing Processes

FULL CATALOG

ISHAN LUBRICATION SYSTEM

SMUS

ISHAN 伊山精密工業股份有限公司 ISHAN PRECISION INDUSTRY, CO, LTD

TAIWAN EXCELLENCE 2020

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4ManPro
Elements for Manufacturing Processes

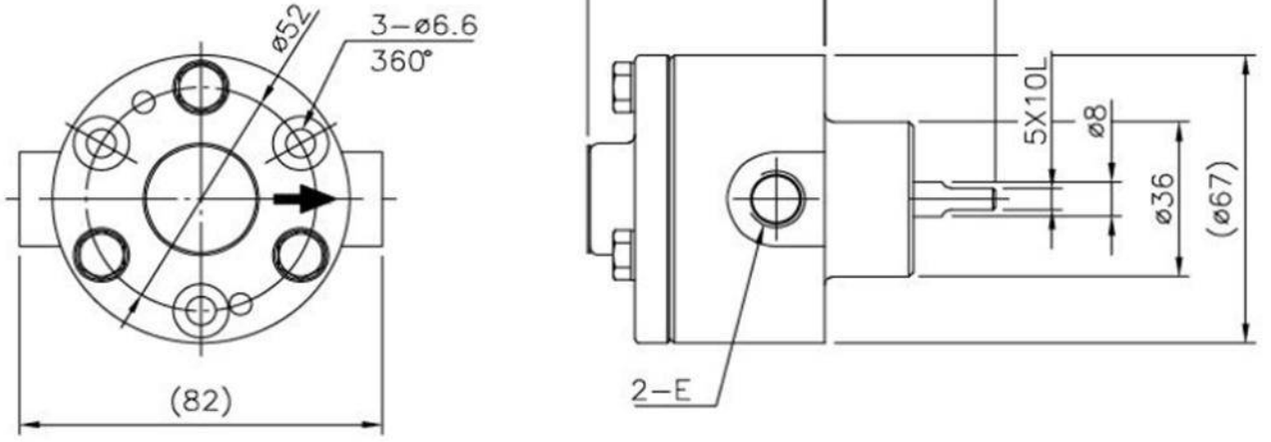
ISH 1RA SERIES
SM 1RA SERIES

FEEDING OIL PUMP

(Reversible)

ISH 1RA-2FS
SM 1RA-2FS

Feeding Oil Pump
(Reversible)


ø52
3–ø6.6
360°
(82)
(A)
38.5
5X10L
ø8
ø36
(ø67)
2–E

Characteristics & Dimensions

ISH 1RA SERIES

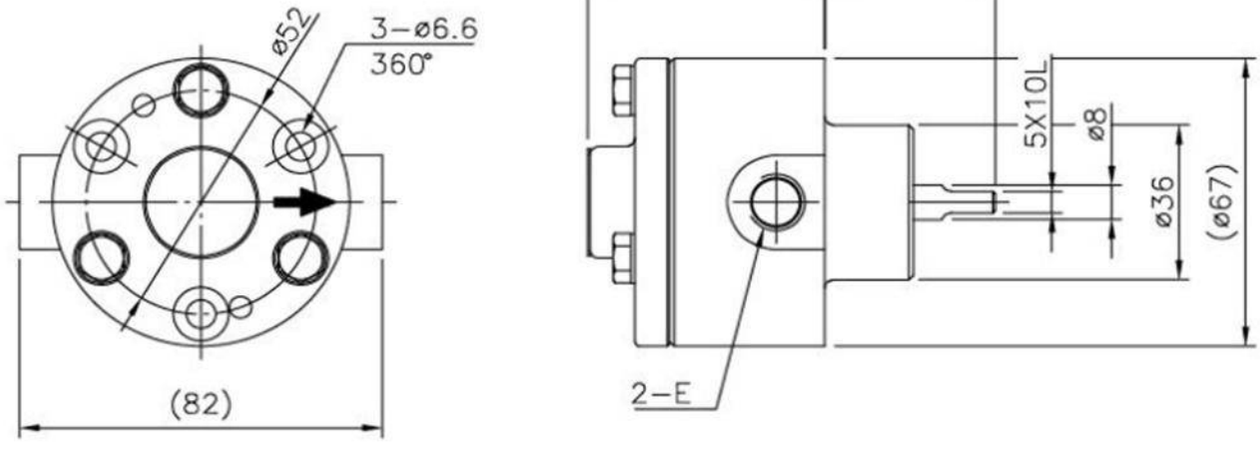
MODEL	OUTPUT VOLUME	OUTPUT VOLUME		MAXIMUM OUTPUT PRESSURE	MAXIMUM SPEED	WEIGHT (Gr.)
		1,500 r.p.m	*1,800 r.p.m.*			
1RA-2FS	1.80	2.70	3.20	0.50 (5.00)	2,000	1.10
1RA-3FS	2.50	3.70	4.50	0.50 (5.00)	2,000	1.20

MODEL	A	BORE (E)
1RA-2FS	52.00	PT 1/4"
1RA-3FS	56.00	PT 1/4"

*** Flow Rate & Speed is given in r.p.m..*
**** Metered volume is determinde by c.c./stroke.*
***** Maximum Output Pressure is determined in Mpa (Kgf/cm²).*
****** All dimensions are given in millimeters.*

ISH 1RA-3FS
SM 1RA-3FS

Feeding Oil Pump
(Reversible)


(A)
38.5
ø52
3–ø6.6
360°
5X10L
ø8
ø36
(ø67)
(82)
2–E

Characteristics & Dimensions

ISH 1RA SERIES

MODEL	OUTPUT VOLUME	OUTPUT VOLUME		MAXIMUM OUTPUT PRESSURE	MAXIMUM SPEED	WEIGHT (Gr.)
		1,500 r.p.m	*1,800 r.p.m.*			
1RA-2FS	1.80	2.70	3.20	0.50 (5.00)	2,000	1.10
1RA-3FS	2.50	3.70	4.50	0.50 (5.00)	2,000	1.20

MODEL	A	BORE (E)
1RA-2FS	52.00	PT 1/4"
1RA-3FS	56.00	PT 1/4"

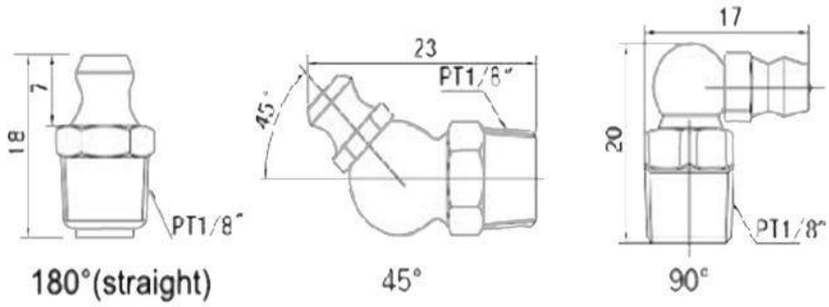
*** Flow Rate & Speed is given in r.p.m..*
**** Metered volume is determinde by c.c./stroke.*
***** Maximum Output Pressure is determined in Mpa (Kgf/cm²).*
****** All dimensions are given in millimeters.*

ISH 4400 SERIES
SM 4400 SERIES

GREASERS

ISH 4400
SM 4400

GREASERS


7
18
PT1/8"
180°(straight)
23
PT1/8"
45°
45°
17
20
PT1/8"
90°

Characteristics & Dimensions

MODEL	CONEXIÓN	WEIGHT (gr)
440029	*PT1/4" X 45°*	*15.00*
440026	*PT1/8 X 45°*	*8.50*
440027	*PT1/8" X 90°*	*9.00*
440057	*M8 X 90°*	*8.00*
440023	*PT1/4" X 180°*	*12.50*
440000	*PT1/8" X 180°*	*8.50*
440047	*M8 X 180°*	*4.00*

**** This producs are manufactured in Zamak.*
***** All dimensions are given in millimeters.*

ISH 440N03-C SERIES
SM 440N03-C SERIES

STRAIGHT ADAPTER FOR NYLON TUBES

ISH 440N03-C
SM 440N03-C

STREIGHT ADAPTOR FOR NYLON TUBE

Characteristics & Dimensions

MODEL	DIMENSIONS	WEIGHT (gr)
440N03-C1006	*PT1/8" x Ø6*	*16.00*
440N03-C1010	*PT1/8" x PE1/8"*	*12.00*
440N03-C1020	*PT1/8" x PE1/4"*	*16.00*
440N03-C1025	*PT1/8" x PE5/16"*	*18.00*
440N03-C2006	*PT1/4" x Ø6*	*22.00*
440N03-C2010	*PT1/4" x Ø10*	*28.00*
440N03-C2020	*PT1/4" x PE1/4"*	*21.00*
440N03-C2025	*PT1/4" x PE5/16"*	*25.00*
440N03-C2030	*PT1/4" x PE3/8"*	*27.50*
440N03-C3020	*PT3/8" x PE1/4"*	*27.50*

**** This products are manofactured from zamak..*
***** All dimensions are given in millimeters.*

ISH 440N06-L SERIES
SM 440N06-L SERIES

ELBOW ADAPTER FOR NYLON TUBES

ISH 440N06-L
SM 440N06-L

Elbow Adaptor For Nylon Tube

Characteristics & Dimensions

MODEL	DIMENSIONS	WEIGHT (gr)
440N06-L102	*PT1/8" x PE1/4"*	*16.50*
440N06-L1025	*PT1/8" x PE5/16"*	*23.50*
440N06-L2006	*PT1/4" x Ø6*	*25.50*
440N06-L2010	*PT1/4" x Ø10*	*30.50*
440N06-L2020	*PT1/4" x PE1/4"*	*26.00*
440N06-L2025	*PT1/4" x PE5/16"*	*32.50*
440N06-L203	*PT1/4" x PE3/8"*	*34.50*
440N06-L302	*PT3/8" x PE1/4"*	*31.50*

**** This products are manufactured in Zamak.*
***** All dimensions are given in millimeters.*

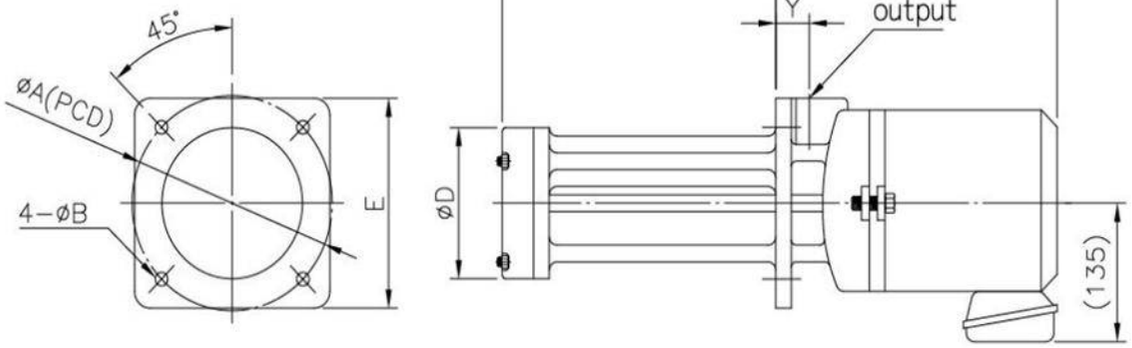
ISH BEIP SERIES
SM BEIP SERIES

ELECTRIC SUCTION PUMPS

ISH BEIP-1

Electric Suction Pump

(1/8 H.P. Electric Motor)


L
H
Y
output
45°
ØA(PCD)
4-ØB
E
ØD
(135)

Characteristics & Dimensions

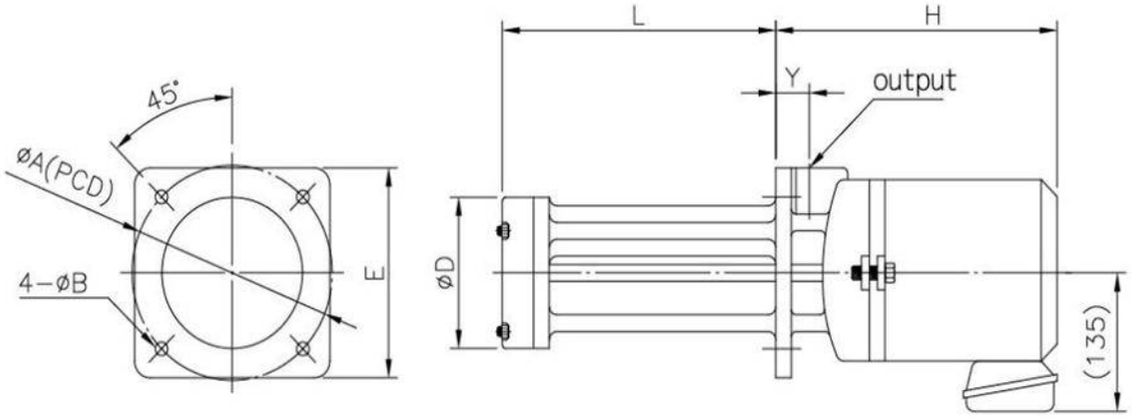
MODEL	ISH BEIP-1
Voltage In One Phase ***(Volts)***	***110/220 | 220/380 | 220/440***
Motor Power ***(H.P.)***	***0.125***
H	***150.00***
Pumping Water Capacity 2 m. ***(L/min)***	***25.00***
Output Bore ***(Ancho)***	***PT3/8"***
ØA	***128.00***
ØB	***8***
E	***125.000***
ØD	***90.00***
Y	***18.00***
L	***110/130/150/180/210***
Device Total weight ***(Kg)***	***6.40***

**** Special configuration can be manufactured upon customers request.*
***** All dimensios are given in millimeters.*

ISH BEIP-2
SM BEIP-2

ELECTRIC SUCTION PUMP

(¼ H.P. Electric Motor)


45°
ØA(PCD)
4−ØB
E
L
H
Y
output
ØD
(135)

Characteristics & Dimensions

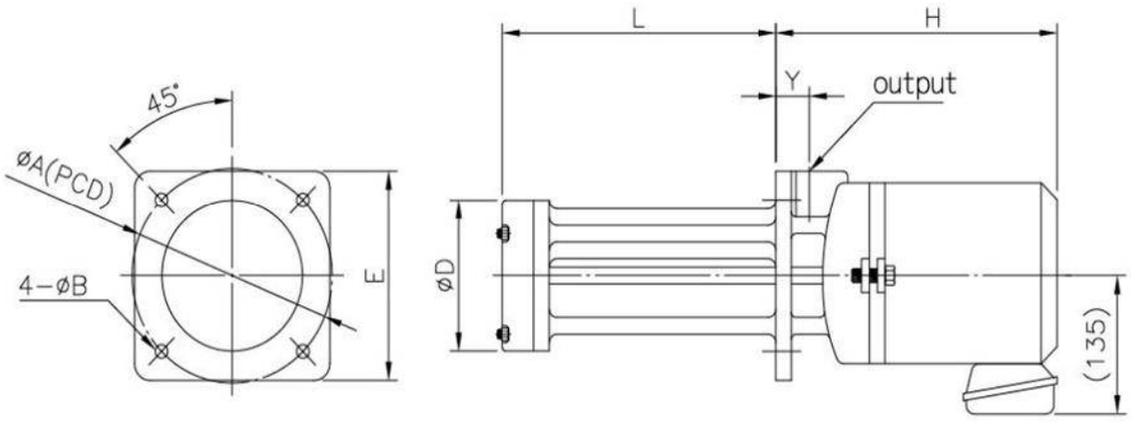
MODEL	ISH BEIP-3
Voltage In One Phase ***(Volts)***	***110/220 | 220/380 | 220/440***
Motor Power ***(H.P.)***	***½***
H	***230.00***
Pumping Water Capacity 2 m. ***(L/min)***	***107.00***
Output Bore ***(Ancho)***	***PT¾"***
ØA	***170.00***
ØB	***9***
E	***180.000***
ØD	***140.00***
Y	***20.00***
L	***150***
Device Total weight ***(Kg)***	***19.40***

**** Special configuration can be manufactured upon customers request.*
***** All dimensios are given in millimeters.*

ISH BEIP-3
SM BEIP-3

ELECTRIC SUCTION PUMP

(½ H.P. Electric Motor)


45°
ØA(PCD)
4−ØB
E
L
H
Y
output
ØD
(135)

Characteristics & Dimensions

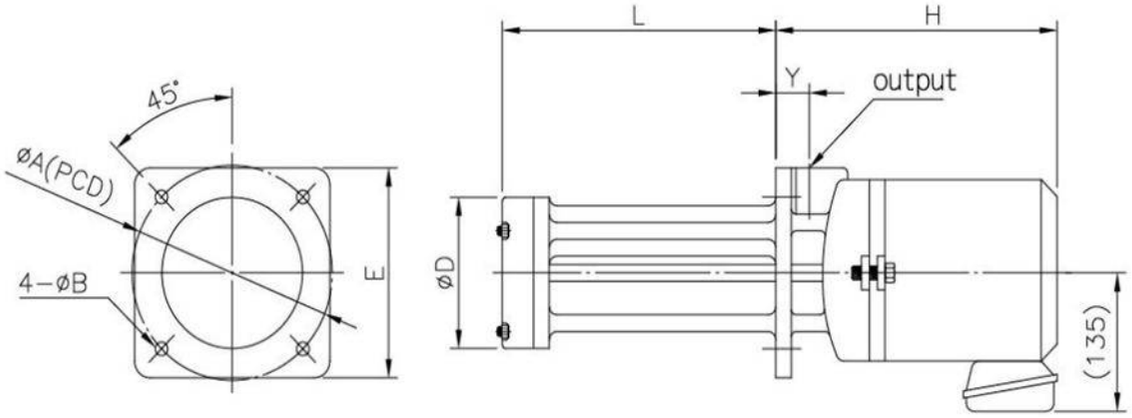
MODEL	ISH BEIP-2
Voltage In One Phase ***(Volts)***	***110/220 | 220/380 | 220/440***
Motor Power ***(H.P.)***	***¼***
H	***170.00***
Pumping Water Capacity 2 m. ***(L/min)***	***60.00***
Output Bore ***(Ancho)***	***PT½"***
ØA	***155.00***
ØB	***9.00***
E	***180.000***
ØD	***125.00***
Y	***20.00***
L	***150/180/210/270***
Device Total weight ***(Kg)***	***13.50***

**** Special configuration can be manufactured upon customers request.*
***** All dimensios are given in millimeters.*

ISH BEIP-4
SM BEIP-4

ELECTRIC SUCTION PUMP

(½ H.P. Electric Motor)


45°
ØA(PCD)
4−ØB
E
L
H
Y
output
ØD
(135)

Characteristics & Dimensions

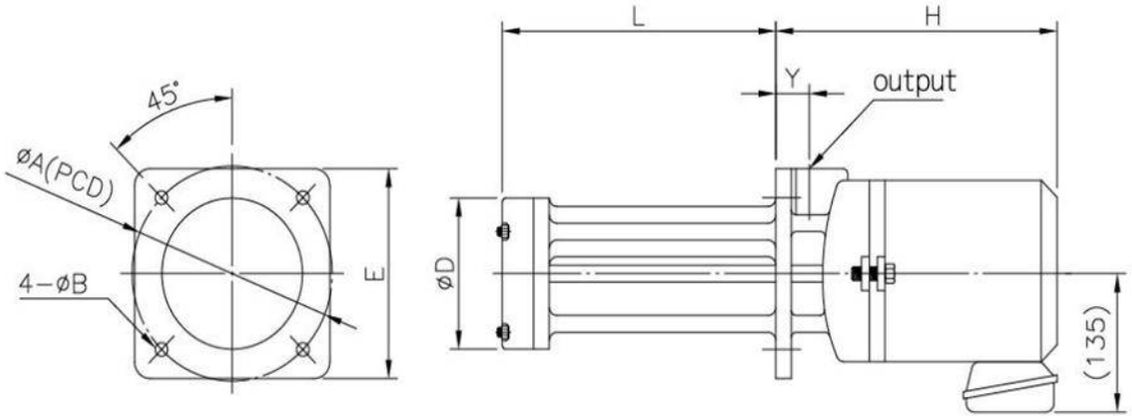
MODEL	ISH BEIP-4
Voltage In One Phase ***(Volts)***	***110/220 | 220/380 | 220/440***
Motor Power ***(H.P.)***	***½***
H	***240.00***
Pumping Water Capacity 2 m. ***(L/min)***	***107.00***
Output Bore ***(Ancho)***	***PT¾"***
ØA	***170.00***
ØB	***10***
E	***195.000***
ØD	***140.00***
Y	***25.00***
L	***175/210/300***
Device Total weight ***(Kg)***	***19.40***

**** Special configuration can be manufactured upon customers request.*
***** All dimensios are given in millimeters.*

ISH BEIP-5
SM BEIP-5

ELECTRIC SUCTION PUMP

(1 H.P. Electric Motor)


L
H
Y
output
45°
ØA(PCD)
4−ØB
E
ØD
(135)

Characteristics & Dimensions

MODEL	ISH BEIP-5
Voltage In One Phase ***(Volts)***	***110/220 | 220/380 | 220/440***
Motor Power ***(H.P.)***	***1.000***
H	***295.00***
Pumping Water Capacity 2 m. ***(L/min)***	***160.00***
Output Bore ***(Ancho)***	***PT1"***
ØA	***170.00***
ØB	***10***
E	***195.000***
ØD	***150.00***
Y	***27.00***
L	***180/280***
Device Total weight ***(Kg)***	***24.20***

**** Special configuration can be manufactured upon customers request.*
***** All dimensios are given in millimeters.*

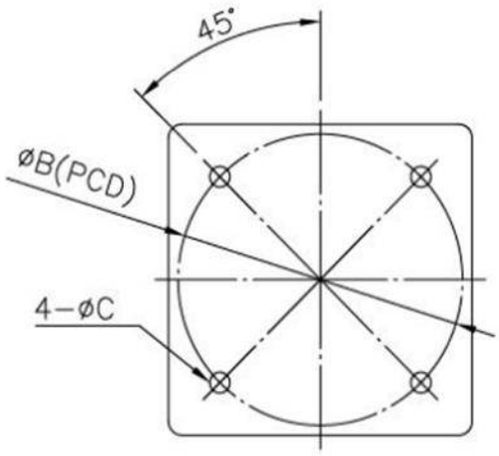
ISH BESP SERIES
SM BESP SERIES

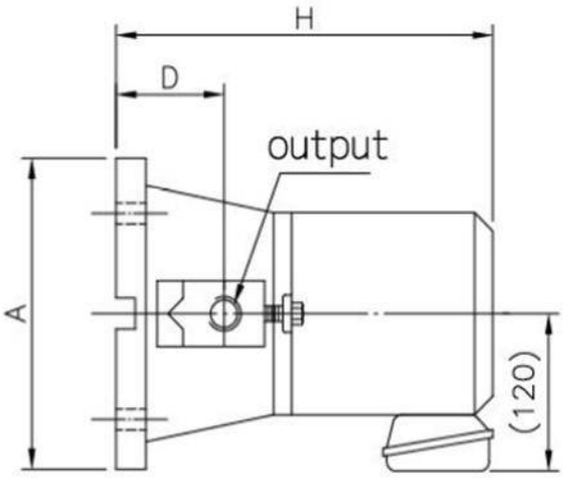
ELECTRIC SUCTION PUMPS

ISH BESP-1
SM BESP-1

ELECTRIC SUCTION PUMP

(1/8 H.P. Electric Motor)


45°
ØB(PCD)
4−ØC


H
D
output
A
(120)

Characteristics & Dimensions

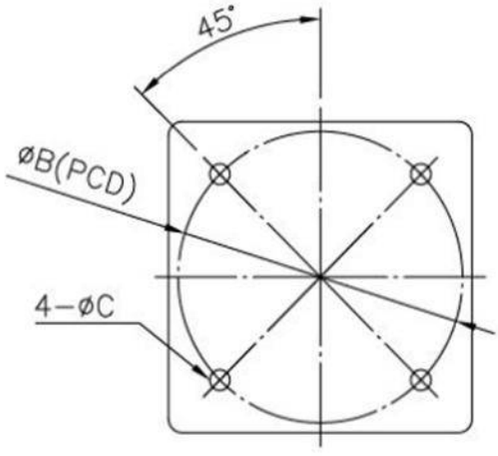
MODEL	ISH BESP-1
Voltage In One Phase *(Volts)*	***110/220 | 220/380 | 220/440***
Motor Power *(H.P.)*	***1/8***
H	***175.00***
Pumping Water Capacity 2 m. *(L/min)*	***22.00***
Input	***PT3/8"***
Output	***PT3/8"***
A	***142.00***
B	***140.00***
ØC	***8.00***
D	***48.00***
Total Device Weight *(Kg)*	***65***

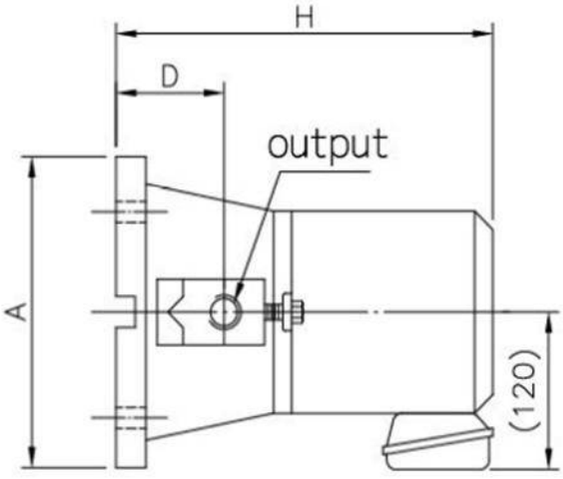
***The Output Volume is Calculated on a Pump Performance at 60Hz.*
****The Motor Should Be Positioned At The Bottom Of The Coolant.*
*****The coolant level must be higher than the pump inlet to ensure convenient operation.*
****** All dimensions are given in millimeters.*

ISH BESP-2
SM BESP-2

ELECTRIC SUCTION PUMP

(¼ H.P. Electric Motor)


45°
ØB(PCD)
4−ØC


H
D
output
A
(120)

Characteristics & Dimensions

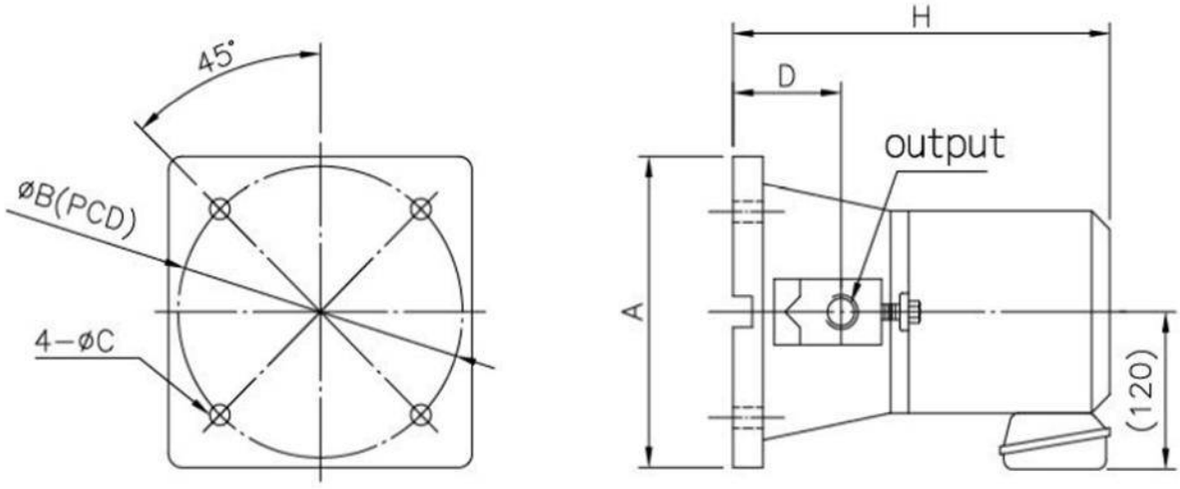
MODEL	ISH BESP-2
Voltage In One Phase *(Volts)*	*110/220 | 220/380 | 220/440*
Motor Power *(H.P.)*	*¼*
H	*235.00*
Pumping Water Capacity 2 m. *(L/min)*	*56.00*
Input	*PT¾"*
Output	*PT½"*
A	*185.00*
B	*185.00*
ØC	*9.00*
D	*55.00*
Total Device Weight *(Kg)*	*14.20*

***The Output Volume is Calculated on a Pump Performance at 60Hz.*
****The Motor Should Be Positioned At The Bottom Of The Coolant.*
*****The coolant level must be higher than the pump inlet to ensure convenient operation.*
****** All dimensions are given in millimeters.*

ISH BESP-3
SM BESP-3

ELECTRIC SUCTION PUMP

(½ H.P. Electric Motor)


45°
ØB(PCD)
4−ØC
H
D
output
A
(120)

Characteristics & Dimensions

MODEL	ISH BESP-3
Voltage In One Phase *(Volts)*	*110/220 | 220/380 | 220/440*
Motor Power *(H.P.)*	*½*
H	*310.00*
Pumping Water Capacity 2 m. *(L/min)*	*100.00*
Input	*PT1"*
Output	*PT¾"*
A	*165.00*
B	*185.00*
ØC	*10.00*
D	*70.00*
Total Device Weight *(Kg)*	*18.50*

***The Output Volume is Calculated on a Pump Performance at 60Hz.*
****The Motor Should Be Positioned At The Bottom Of The Coolant.*
*****The coolant level must be higher than the pump inlet to ensure convenient operation.*
****** All dimensions are given in millimeters.*

ISH BL SERIES
SM BL SERIES

MOTOR FOR CONNECTION WITH STEEL HOUSING

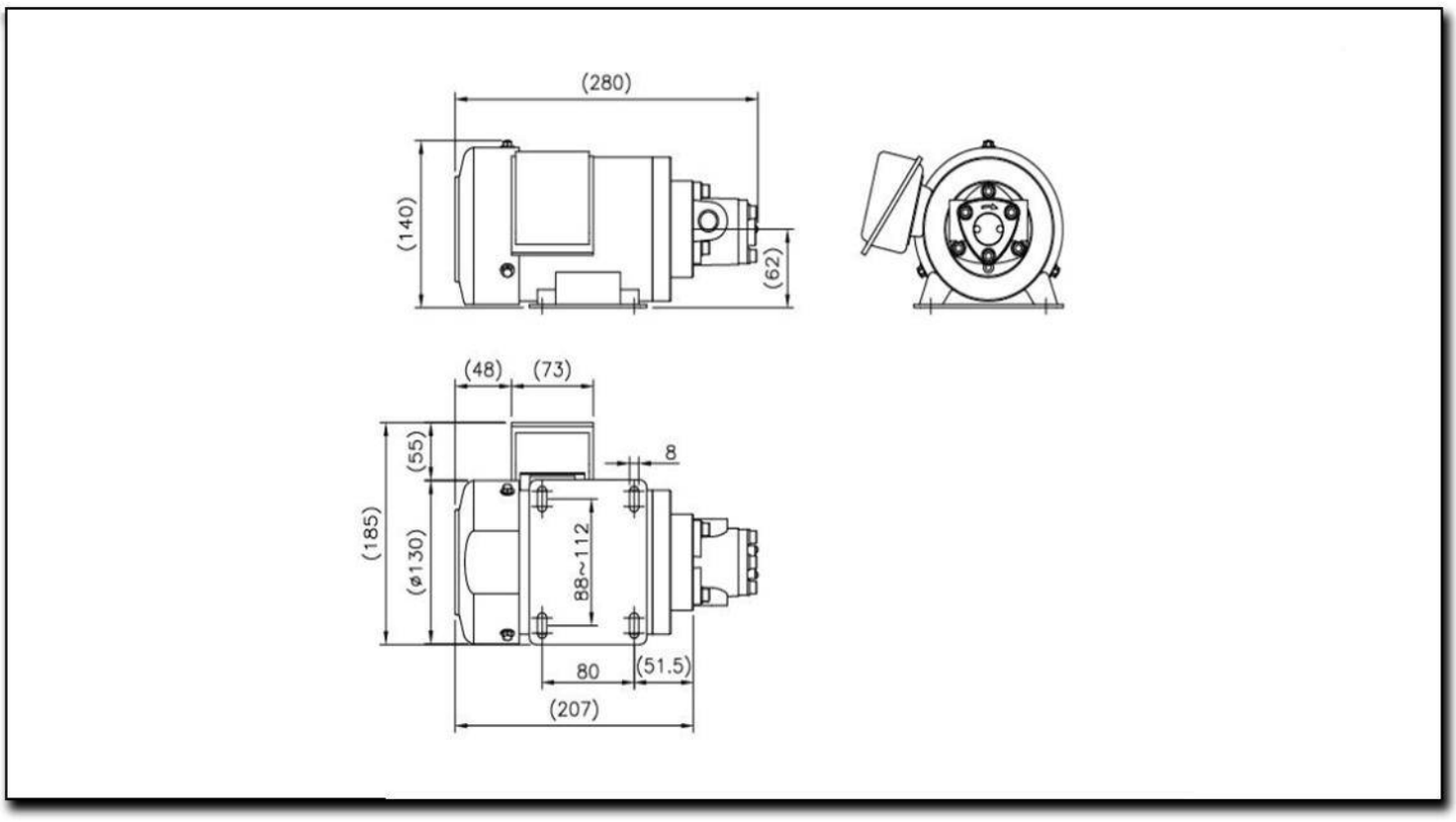
ISH BL-1
SM BL-1

SMUS
ISHAN LUBRICATION SYSTEM
伊山精密工業股份有限公司
ISHAN PRECISION INDUSTRY, CO, LTD

ISHAN LUBRICATION SYSTEM

CONNECTING MOTOR WITH IRON CASE

(With TOP Feeding Pump)


(280)
(140)
(62)
(48)
(73)
(55)
8
(185)
(ø130)
88~112
80
(51.5)
(207)

Características Y Dimensiones

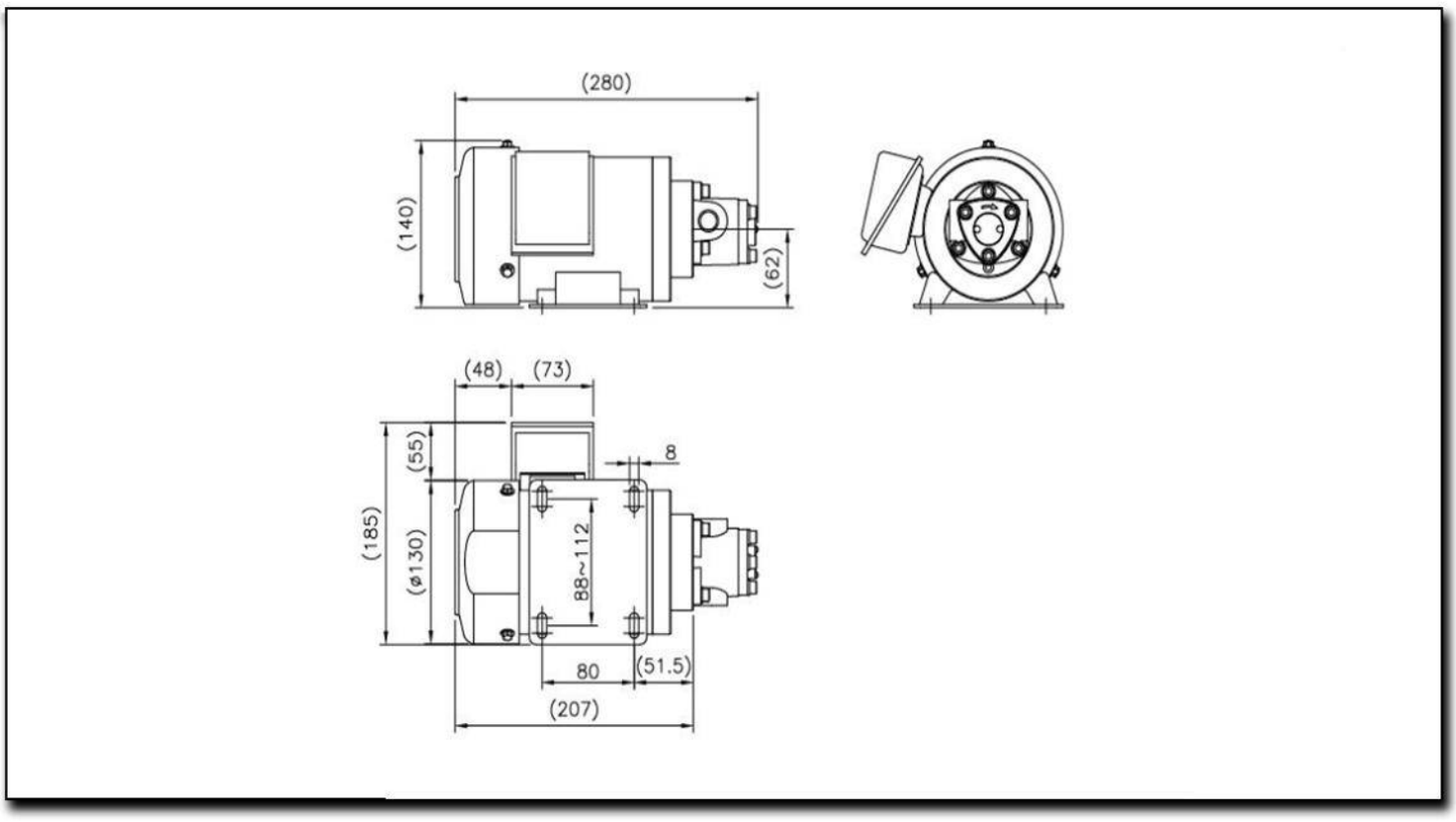
Modelo	ISH BL-1
Voltaje En Un Sola Fase (Volts)	*110/220* *220/440*
Polos	*4.00*
Tiempo De Intervalos	*Continuo*
Velocidad (r.p.m.)	*1,400 / 1,700*
Frecuencia	*50/60*
Peso (Kg)	*7.00*

** Pueden ser producidos modelos especiales de acuerdo a solicitud del cliente.*
***** Todas las dimensiones están dadas en milímetros.*

ISH BL-2
SM BL-2

CONNECTING MOTOR WITH IRON CASE

(With Long Shaft Connector)


(280)
(140)
(62)
(48)
(73)
8
(55)
(185)
(ø130)
88~112
80
(51.5)
(207)

Characteristics & Dimensions

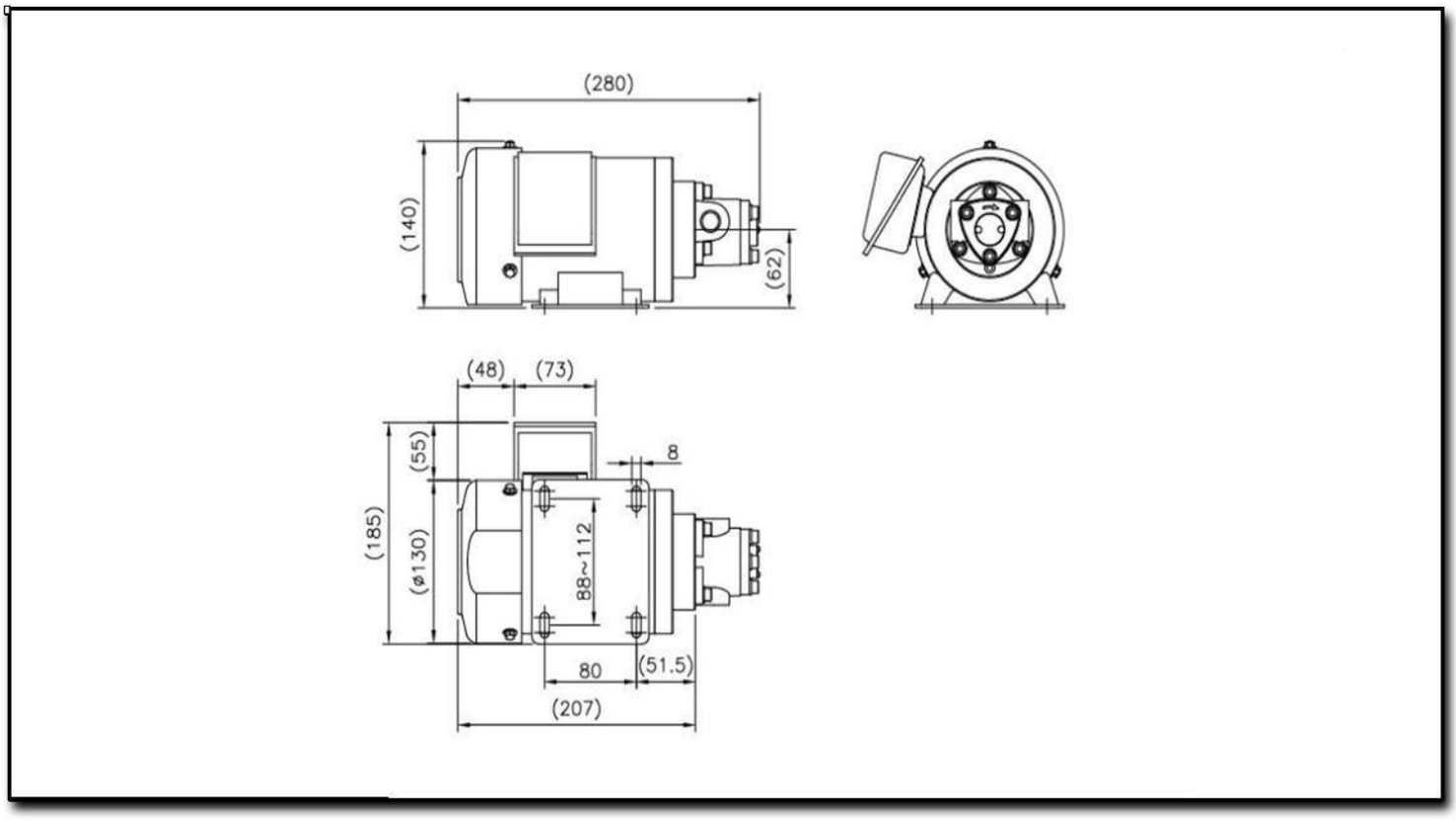
MODEL	ISH BL-2
Voltage In One Phase *(Volts)*	*110/220 220/440*
Pole	*4.00*
Timer Interval	*Continuo*
Speed *(r.p.m.)*	*1,400 / 1,700*
Frecuency *(Hz.)*	*50/60*
Total Device *Weight (Kg)*	*8.00*

** Pueden ser producidos modelos especiales de acuerdo a solicitud del cliente.*
***** Todas las dimensiones estan dadas en milimetros.*

ISH BL-3
SM BL-3

CONNECTING MOTOR WITH IRON CASE

(With Milling Iron Case)


(280)
(140)
(62)
(48)
(73)
(55)
8
(185)
(ø130)
88~112
80
(51.5)
(207)

Characteristics & Dimensions

MODEL	ISH BL-3
Voltage In One Phase *(Volts)*	***110/220 | 220/380 | 220/440***
Pole	***4.00***
Timer Interval	***Continuos***
Speed *(r.p.m.)*	***1,400 / 1,700***
Frecuency *(Hz.)*	***50/60***
Total Device *Weight (Kg)*	***10.00***

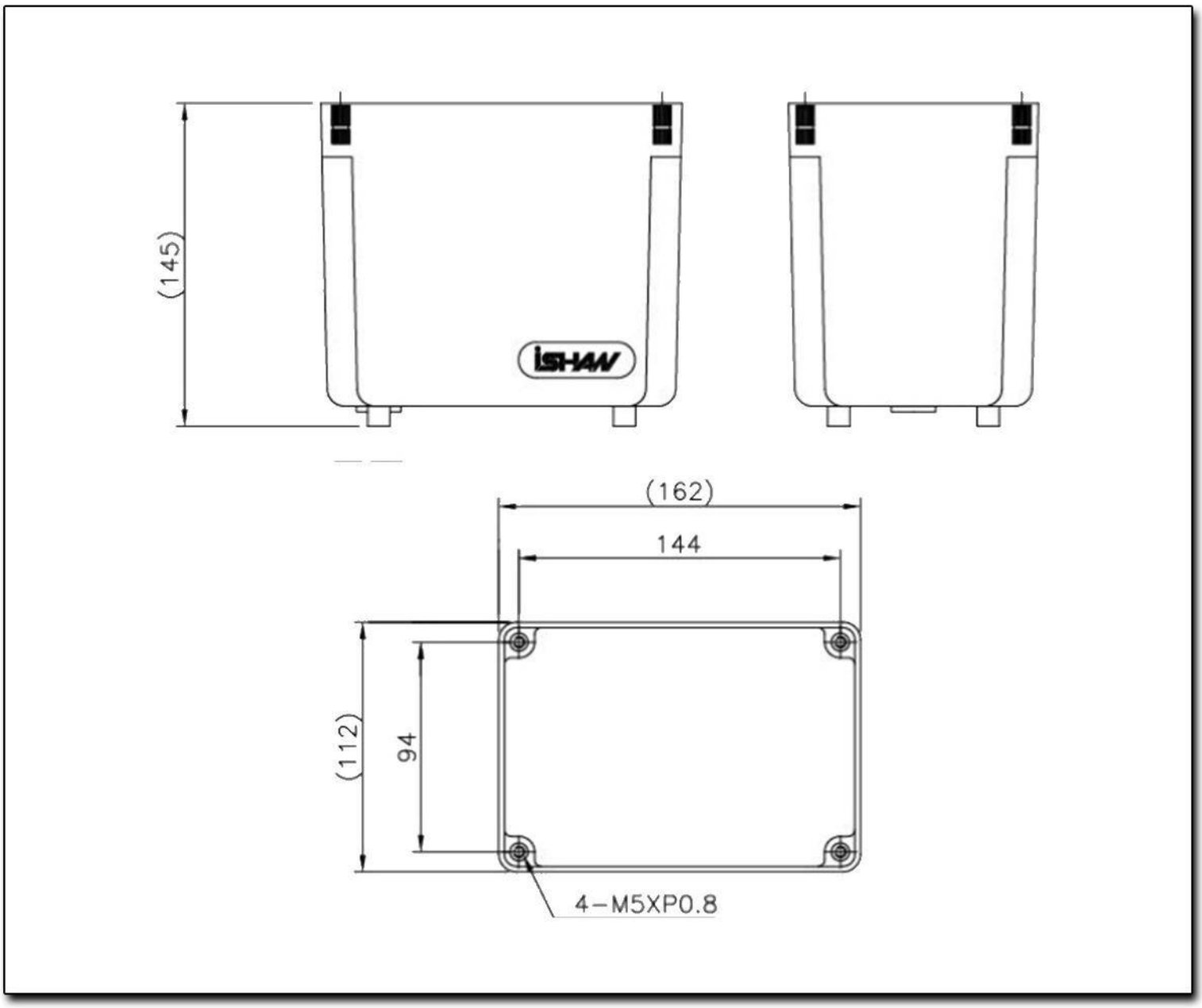
**** Special configuration can be manufactured upon customers request.*
***** All dimensios are given in millimeters.*

ISH DAR SERIES
SM DAR SERIES

PROPORTIONAL DEVICES

ISH DAR 156001-SE
SM DAR 156001-SE

REPLACEMENT RESIN OIL TANK


(145)
(162)
144
(112)
94
4−M5XP0.8

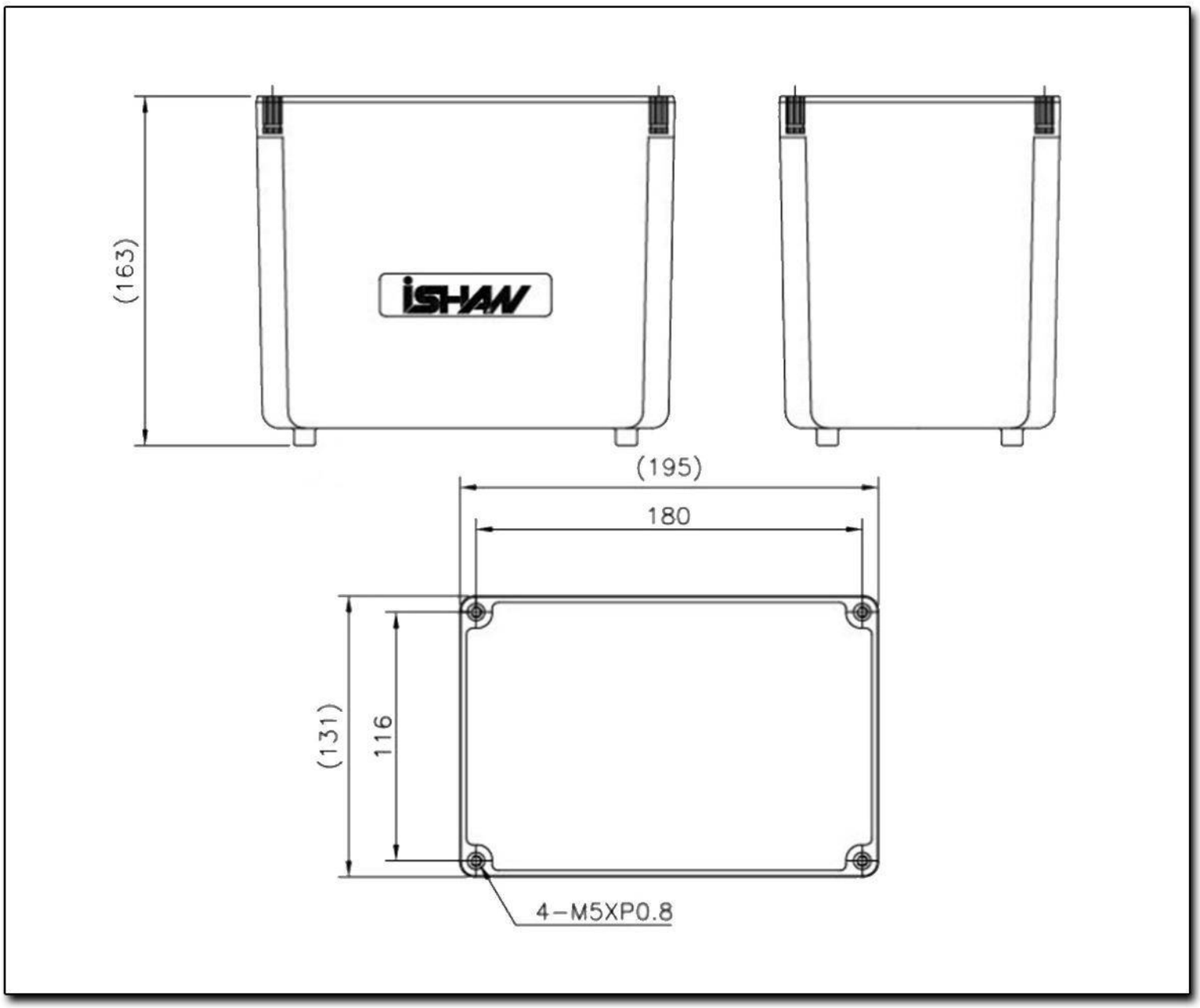
Characteristics & Dimensions

MODEL	W	L	H	TANK CAPACITY	TANK MATERIAL
156001-SE	112.00	162.00	145.00	***2.00***	***Acrylic***
156002-SE	131.00	195.00	163.00	***3.00***	***Aluminum***
156145-001-SE	141.00	230.00	230.00	***4.00***	***Aluminum***
156016-SE	212.00	328.00	328.00	***6.00***	***Steel***
156013-SE	227.00	357.00	357.00	***8.00***	***Steel***

**** Tank Capacity is given in Liters.*
***** All dimensions are given in millimeters.*

ISH 156002-SE
SM 156002-SE

REPLACEMENT RESIN OIL TANK


(163)
(195)
180
(131)
116
4-M5XP0.8

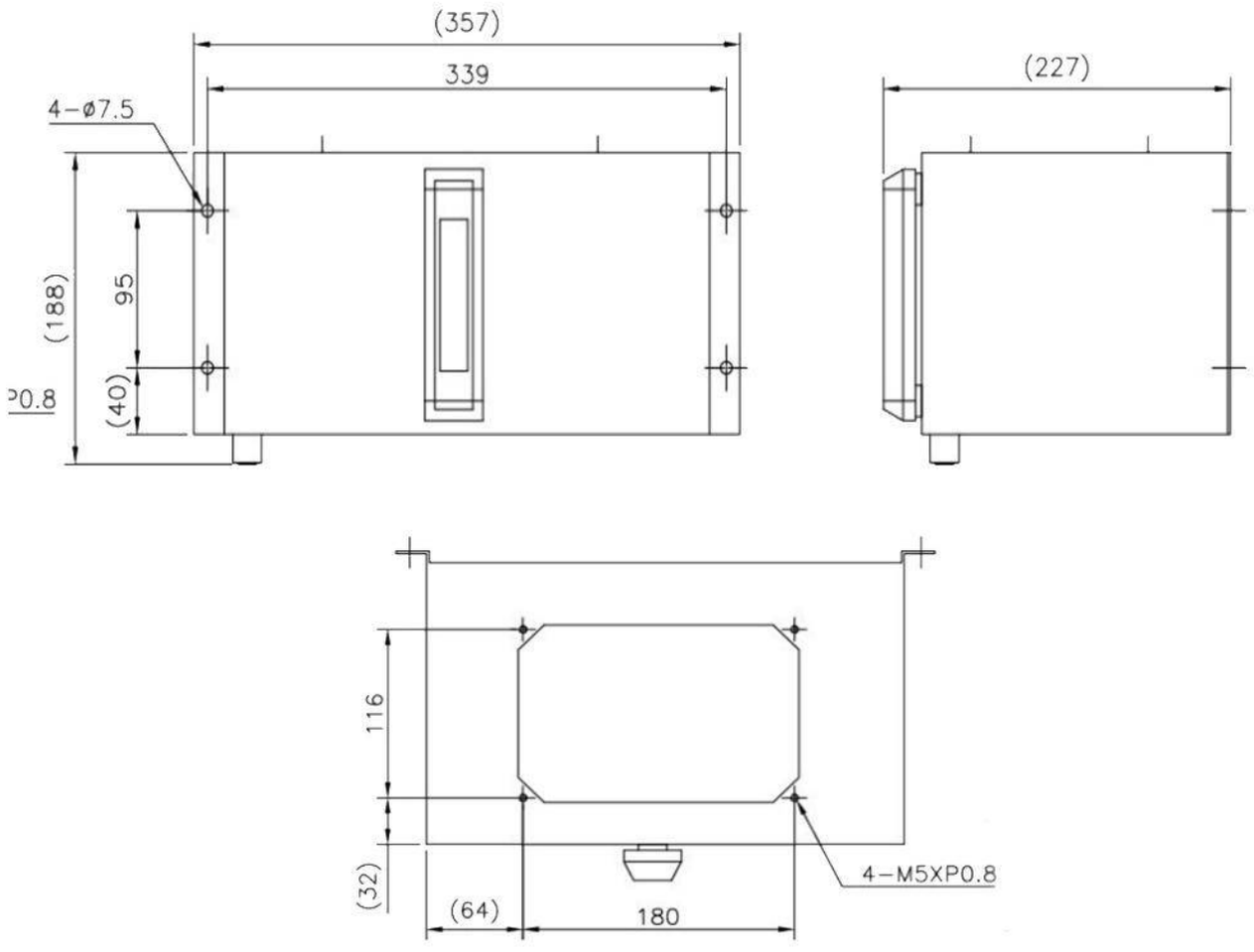
Characteristics & Dimensions

MODEL	W	L	H	TANK CAPACITY	TANK MATERIAL
156001-SE	112.00	162.00	145.00	***2.00***	***Acrylic***
156002-SE	131.00	195.00	163.00	***3.00***	***Aluminum***
156145-001-SE	141.00	230.00	230.00	***4.00***	***Aluminum***
156016-SE	212.00	328.00	328.00	***6.00***	***Steel***
156013-SE	227.00	357.00	357.00	***8.00***	***Steel***

**** Tank Capacity is given in Liters.*
***** All dimensions are given in millimeters.*

ISH DAR 156013-SE
SM DAR 156013-SE

STEEL REPLACEMENT OIL TANK


(357)
339
4−ø7.5
(188)
95
(40)
P0.8
(227)
116
(32)
(64)
180
4−M5XP0.8

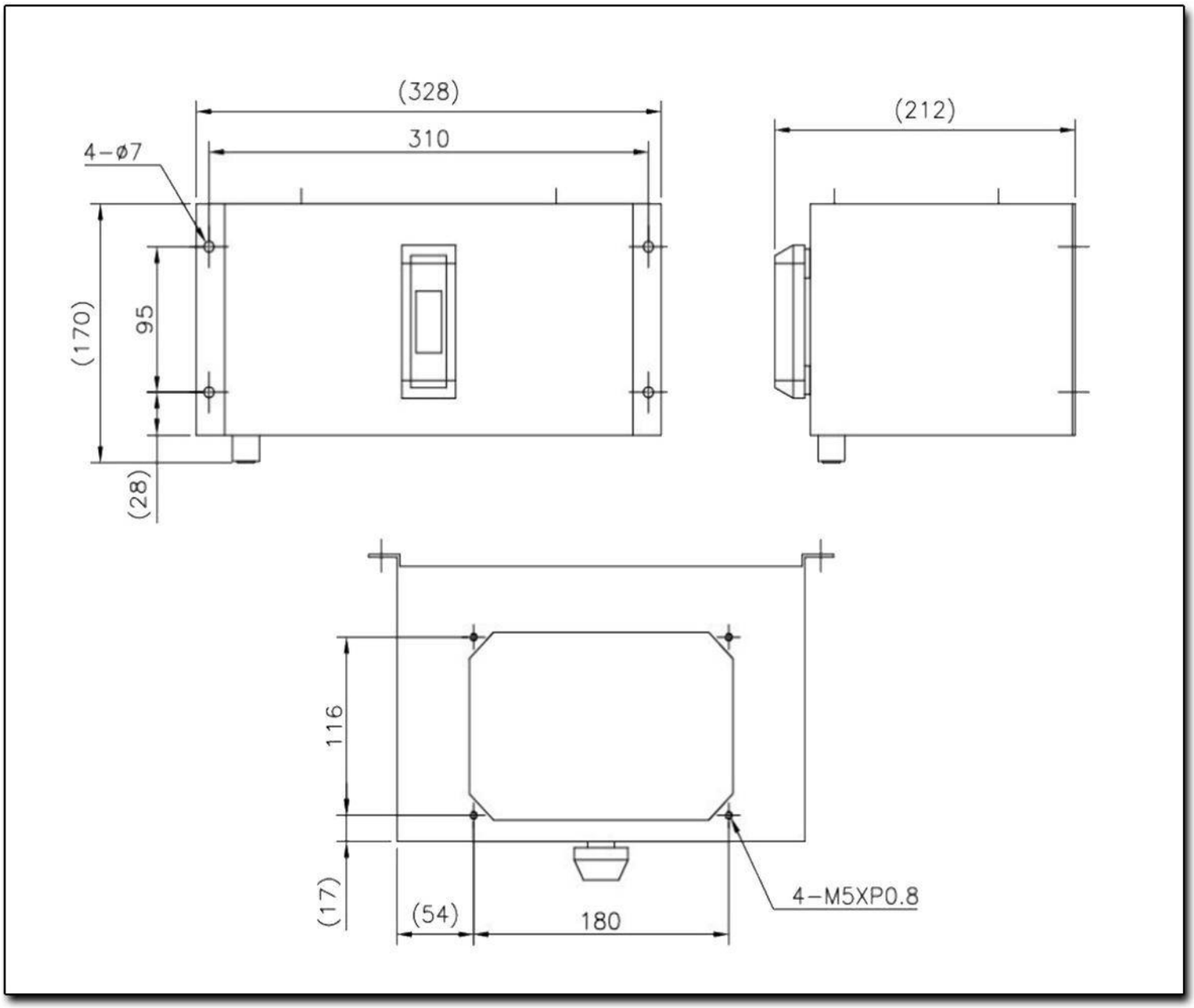
Características & Dimensiones

Modelo	ISH 156016-SE
Capacidad Del Deposito De Aceite	*6 Litros*
W	*212.00*
L	*328.00*
H	*170.00*

***** Todas las dimensiones están dadas en milímetros.

ISH DAR 156016-SE
SM DAR 156016-SE

STEEL REPLACEMENT OIL TANK


(328)
310
4-ø7
(212)
(170)
95
(28)
116
(17)
(54)
180
4-M5XP0.8

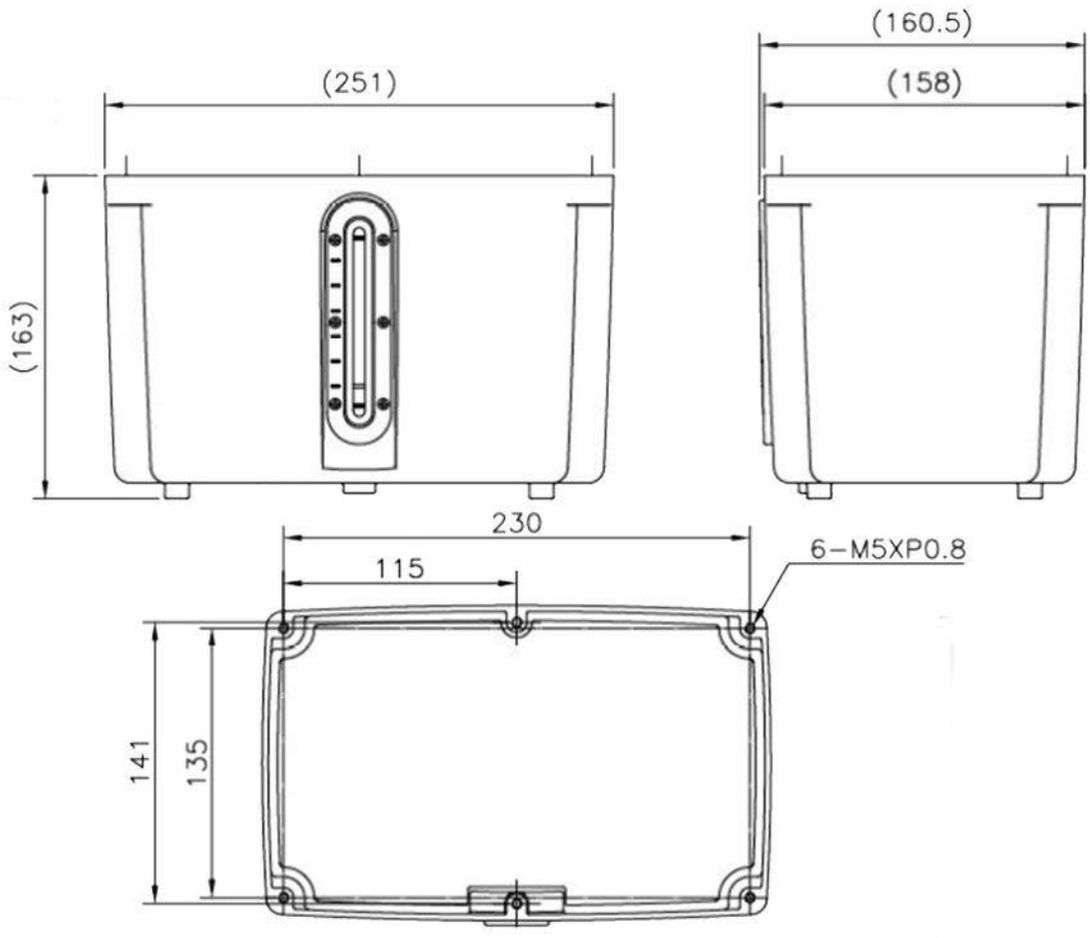
Characteristics & Dimensions

MODEL	W	L	H	TANK CAPACITY	TANK MATERIAL
156001-SE	112.00	162.00	145.00	***2.00***	***Acrylic***
156002-SE	131.00	195.00	163.00	***3.00***	***Aluminum***
156145-001-SE	141.00	230.00	230.00	***4.00***	***Aluminum***
156016-SE	212.00	328.00	328.00	***6.00***	***Steel***
156013-SE	227.00	357.00	357.00	***8.00***	***Steel***

**** Tank Capacity is given in Liters.*
***** All dimensions are given in millimeters.*

ISH DAR 156145-000-SE
SM DAR 156145-000-SE

STEEL OIL TANK REPLACEMENT


(160.5)
(158)
(251)
(163)
230
115
6-M5XP0.8
141
135

Characteristics & Dimensions

MODEL	W	L	H	TANK CAPACITY	TANK MATERIAL
156001-SE	112.00	162.00	145.00	***2.00***	***Acrylic***
156002-SE	131.00	195.00	163.00	***3.00***	***Aluminum***
156145-001-SE	141.00	230.00	230.00	***4.00***	***Aluminum***
156016-SE	212.00	328.00	328.00	***6.00***	***Steel***
156013-SE	227.00	357.00	357.00	***8.00***	***Steel***

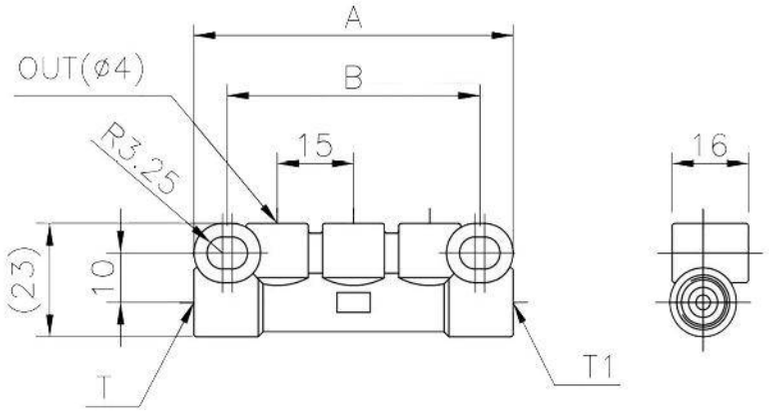
**** Tank Capacity is given in Liters.*
***** All dimensions are given in millimeters.*

ISH DB SERIES
SM DB SERIES

PROPORTIONAL DEVICES

ISH DB041
SM DB041

PROPORTIONAL DEVICES


A
B
OUT(ø4)
R3.25
15
16
(23)
10
T
T1

Characteristics & Dimensions

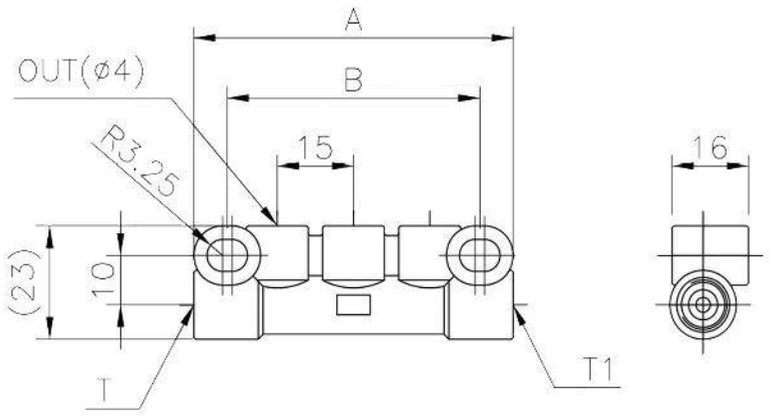
DB SERIES (RESISTANCE DISTRIBUITORS)

MODEL	T/TI	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Gr.)
DB041	Ø4 x Ø4	2	Ø4 / Ø6	48.00	35.00 ~ 36.00	168.00
DB042	Ø4 x Ø6					
DB043	Ø6 x Ø6					
DB051	Ø4 x Ø4	3	Ø4 / Ø6	64.00	51.00 ~ 55.00	168.00
DB052	Ø4 x Ø6					
DB053	Ø6 x Ø6					
DB061	Ø4 x Ø4	4	Ø4 / Ø6	80.00	68.00	168.00
DB062	Ø4 x Ø6					
DB063	Ø6 x Ø6					
DB071	Ø4 x Ø4	5	Ø4 / Ø6	96.00	84.00	168.00
DB072	Ø4 x Ø6					
DB073	Ø6 x Ø6					
DB081	Ø4 x Ø4	6	Ø4 / Ø6	112.00	95.00 ~ 100.00	168.00
DB082	Ø4 x Ø6					
DB083	Ø6 x Ø6					
DB091	Ø4 x Ø4	7	Ø4 / Ø6	128.00	116.00	168.00
DB092	Ø4 x Ø6					
DB093	Ø6 x Ø6					
DB101	Ø4 x Ø4	8	Ø4 / Ø6	144.00	132.00	168.00
DB102	Ø4 x Ø6					
DB103	Ø6 x Ø6					
DB121	Ø4 x Ø4	10	Ø4 / Ø6	176.00	164.00	168.00
DB122	Ø4 x Ø6					
DB123	Ø6 x Ø6					

*** All dimensions are given in millimeters.

ISH DB042
SM DB042

PROPORTIONAL DEVICES


A
B
OUT(ø4)
R3.25
15
16
(23)
10
T
T1

Characteristics & Dimensions

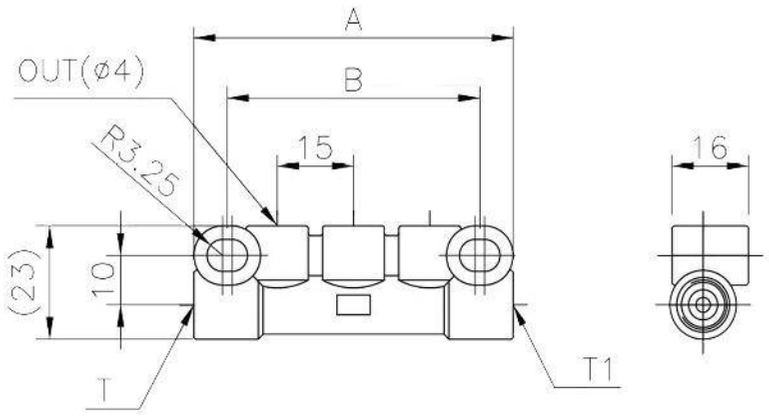
DB SERIES (RESISTANCE DISTRIBUITORS)

MODEL	T/TI	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Gr.)
DB041	Ø4 x Ø4	2	Ø4 / Ø6	48.00	35.00 ~ 36.00	168.00
DB042	Ø4 x Ø6					
DB043	Ø6 x Ø6					
DB051	Ø4 x Ø4	3	Ø4 / Ø6	64.00	51.00 ~ 55.00	168.00
DB052	Ø4 x Ø6					
DB053	Ø6 x Ø6					
DB061	Ø4 x Ø4	4	Ø4 / Ø6	80.00	68.00	168.00
DB062	Ø4 x Ø6					
DB063	Ø6 x Ø6					
DB071	Ø4 x Ø4	5	Ø4 / Ø6	96.00	84.00	168.00
DB072	Ø4 x Ø6					
DB073	Ø6 x Ø6					
DB081	Ø4 x Ø4	6	Ø4 / Ø6	112.00	95.00 ~ 100.00	168.00
DB082	Ø4 x Ø6					
DB083	Ø6 x Ø6					
DB091	Ø4 x Ø4	7	Ø4 / Ø6	128.00	116.00	168.00
DB092	Ø4 x Ø6					
DB093	Ø6 x Ø6					
DB101	Ø4 x Ø4	8	Ø4 / Ø6	144.00	132.00	168.00
DB102	Ø4 x Ø6					
DB103	Ø6 x Ø6					
DB121	Ø4 x Ø4	10	Ø4 / Ø6	176.00	164.00	168.00
DB122	Ø4 x Ø6					
DB123	Ø6 x Ø6					

*** All dimensions are given in millimeters.

ISH DB043
SM DB043

PROPORTIONAL DEVICES


A
B
OUT(ø4)
R3.25
15
16
(23)
10
T
T1

Characteristics & Dimensions

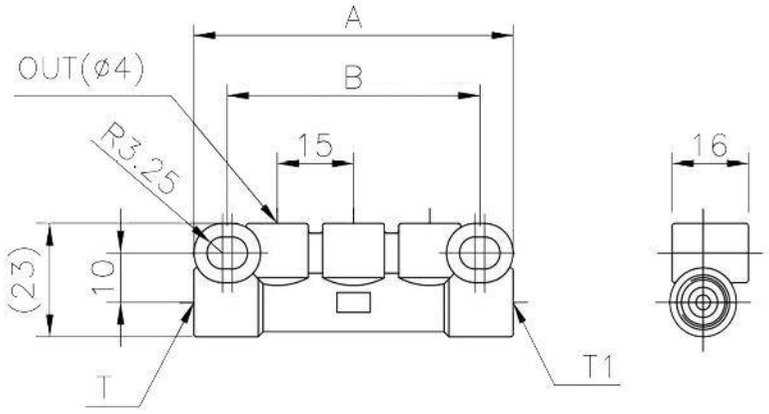
DB SERIES (RESISTANCE DISTRIBUITORS)

MODEL	T/TI	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Gr.)
DB041	Ø4 x Ø4	2	Ø4 / Ø6	48.00	35.00 ~ 36.00	168.00
DB042	Ø4 x Ø6					
DB043	Ø6 x Ø6					
DB051	Ø4 x Ø4	3	Ø4 / Ø6	64.00	51.00 ~ 55.00	168.00
DB052	Ø4 x Ø6					
DB053	Ø6 x Ø6					
DB061	Ø4 x Ø4	4	Ø4 / Ø6	80.00	68.00	168.00
DB062	Ø4 x Ø6					
DB063	Ø6 x Ø6					
DB071	Ø4 x Ø4	5	Ø4 / Ø6	96.00	84.00	168.00
DB072	Ø4 x Ø6					
DB073	Ø6 x Ø6					
DB081	Ø4 x Ø4	6	Ø4 / Ø6	112.00	95.00 ~ 100.00	168.00
DB082	Ø4 x Ø6					
DB083	Ø6 x Ø6					
DB091	Ø4 x Ø4	7	Ø4 / Ø6	128.00	116.00	168.00
DB092	Ø4 x Ø6					
DB093	Ø6 x Ø6					
DB101	Ø4 x Ø4	8	Ø4 / Ø6	144.00	132.00	168.00
DB102	Ø4 x Ø6					
DB103	Ø6 x Ø6					
DB121	Ø4 x Ø4	10	Ø4 / Ø6	176.00	164.00	168.00
DB122	Ø4 x Ø6					
DB123	Ø6 x Ø6					

*** All dimensions are given in millimeters.

ISH DB051
SM DB051

PROPORTIONAL DEVICES


A
B
OUT(ø4)
R3.25
15
16
(23)
10
T
T1

Characteristics & Dimensions

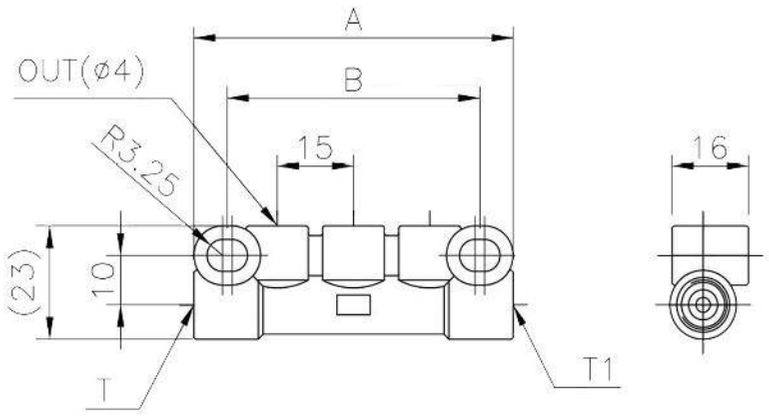
DB SERIES (RESISTANCE DISTRIBUITORS)

MODEL	T/TI	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Gr.)
DB041	Ø4 x Ø4	2	Ø4 / Ø6	48.00	35.00 ~ 36.00	168.00
DB042	Ø4 x Ø6					
DB043	Ø6 x Ø6					
DB051	Ø4 x Ø4	3	Ø4 / Ø6	64.00	51.00 ~ 55.00	168.00
DB052	Ø4 x Ø6					
DB053	Ø6 x Ø6					
DB061	Ø4 x Ø4	4	Ø4 / Ø6	80.00	68.00	168.00
DB062	Ø4 x Ø6					
DB063	Ø6 x Ø6					
DB071	Ø4 x Ø4	5	Ø4 / Ø6	96.00	84.00	168.00
DB072	Ø4 x Ø6					
DB073	Ø6 x Ø6					
DB081	Ø4 x Ø4	6	Ø4 / Ø6	112.00	95.00 ~ 100.00	168.00
DB082	Ø4 x Ø6					
DB083	Ø6 x Ø6					
DB091	Ø4 x Ø4	7	Ø4 / Ø6	128.00	116.00	168.00
DB092	Ø4 x Ø6					
DB093	Ø6 x Ø6					
DB101	Ø4 x Ø4	8	Ø4 / Ø6	144.00	132.00	168.00
DB102	Ø4 x Ø6					
DB103	Ø6 x Ø6					
DB121	Ø4 x Ø4	10	Ø4 / Ø6	176.00	164.00	168.00
DB122	Ø4 x Ø6					
DB123	Ø6 x Ø6					

*** All dimensions are given in millimeters.

ISH DB052
SM DB052

PROPORTIONAL DEVICES


A
B
OUT(ø4)
R3.25
15
16
(23)
10
T
T1

Characteristics & Dimensions

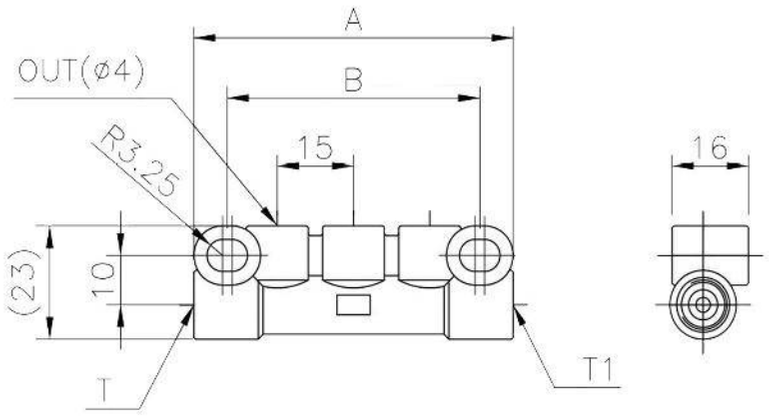
DB SERIES (RESISTANCE DISTRIBUITORS)

MODEL	T/TI	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Gr.)
DB041	Ø4 x Ø4	2	Ø4 / Ø6	48.00	35.00 ~ 36.00	168.00
DB042	Ø4 x Ø6					
DB043	Ø6 x Ø6					
DB051	Ø4 x Ø4	3	Ø4 / Ø6	64.00	51.00 ~ 55.00	168.00
DB052	Ø4 x Ø6					
DB053	Ø6 x Ø6					
DB061	Ø4 x Ø4	4	Ø4 / Ø6	80.00	68.00	168.00
DB062	Ø4 x Ø6					
DB063	Ø6 x Ø6					
DB071	Ø4 x Ø4	5	Ø4 / Ø6	96.00	84.00	168.00
DB072	Ø4 x Ø6					
DB073	Ø6 x Ø6					
DB081	Ø4 x Ø4	6	Ø4 / Ø6	112.00	95.00 ~ 100.00	168.00
DB082	Ø4 x Ø6					
DB083	Ø6 x Ø6					
DB091	Ø4 x Ø4	7	Ø4 / Ø6	128.00	116.00	168.00
DB092	Ø4 x Ø6					
DB093	Ø6 x Ø6					
DB101	Ø4 x Ø4	8	Ø4 / Ø6	144.00	132.00	168.00
DB102	Ø4 x Ø6					
DB103	Ø6 x Ø6					
DB121	Ø4 x Ø4	10	Ø4 / Ø6	176.00	164.00	168.00
DB122	Ø4 x Ø6					
DB123	Ø6 x Ø6					

*** All dimensions are given in millimeters.

ISH DB053
SM DB053

PROPORTIONAL DEVICES


A
B
OUT(ø4)
R3.25
15
16
(23)
10
T
T1

Characteristics & Dimensions

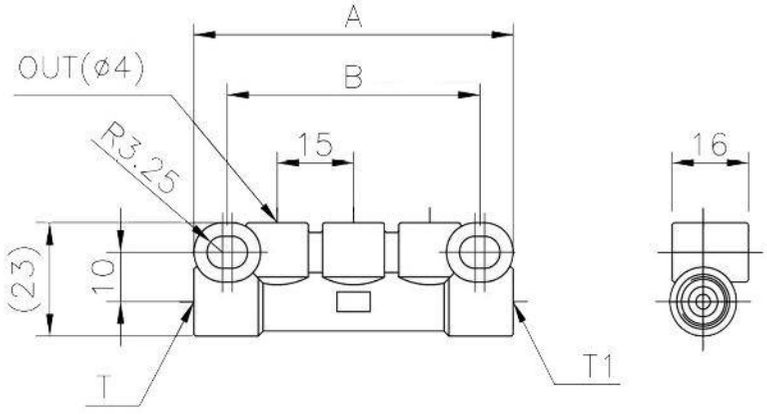
DB SERIES (RESISTANCE DISTRIBUITORS)

MODEL	T/TI	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Gr.)
DB041	Ø4 x Ø4	2	Ø4 / Ø6	48.00	35.00 ~ 36.00	168.00
DB042	Ø4 x Ø6					
DB043	Ø6 x Ø6					
DB051	Ø4 x Ø4	3	Ø4 / Ø6	64.00	51.00 ~ 55.00	168.00
DB052	Ø4 x Ø6					
DB053	Ø6 x Ø6					
DB061	Ø4 x Ø4	4	Ø4 / Ø6	80.00	68.00	168.00
DB062	Ø4 x Ø6					
DB063	Ø6 x Ø6					
DB071	Ø4 x Ø4	5	Ø4 / Ø6	96.00	84.00	168.00
DB072	Ø4 x Ø6					
DB073	Ø6 x Ø6					
DB081	Ø4 x Ø4	6	Ø4 / Ø6	112.00	95.00 ~ 100.00	168.00
DB082	Ø4 x Ø6					
DB083	Ø6 x Ø6					
DB091	Ø4 x Ø4	7	Ø4 / Ø6	128.00	116.00	168.00
DB092	Ø4 x Ø6					
DB093	Ø6 x Ø6					
DB101	Ø4 x Ø4	8	Ø4 / Ø6	144.00	132.00	168.00
DB102	Ø4 x Ø6					
DB103	Ø6 x Ø6					
DB121	Ø4 x Ø4	10	Ø4 / Ø6	176.00	164.00	168.00
DB122	Ø4 x Ø6					
DB123	Ø6 x Ø6					

*** All dimensions are given in millimeters.

ISH DB061
SM DB061

PROPORTIONAL DEVICES


A
B
OUT(ø4)
R3.25
15
16
(23)
10
T
T1

Characteristics & Dimensions

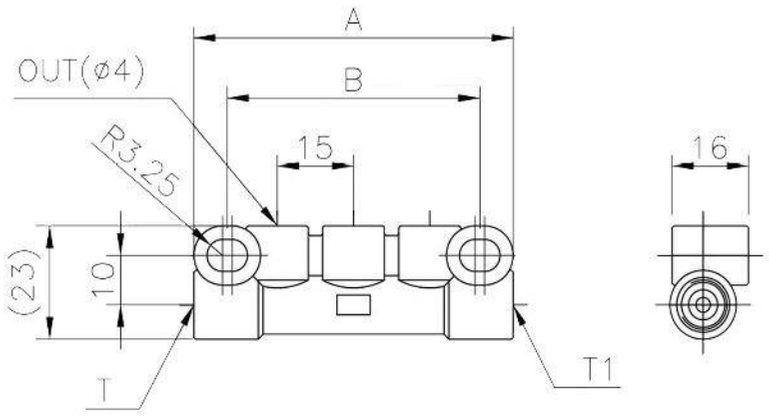
DB SERIES (RESISTANCE DISTRIBUITORS)

MODEL	T/TI	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Gr.)
DB041	Ø4 x Ø4	2	Ø4 / Ø6	48.00	35.00 ~ 36.00	168.00
DB042	Ø4 x Ø6					
DB043	Ø6 x Ø6					
DB051	Ø4 x Ø4	3	Ø4 / Ø6	64.00	51.00 ~ 55.00	168.00
DB052	Ø4 x Ø6					
DB053	Ø6 x Ø6					
DB061	Ø4 x Ø4	4	Ø4 / Ø6	80.00	68.00	168.00
DB062	Ø4 x Ø6					
DB063	Ø6 x Ø6					
DB071	Ø4 x Ø4	5	Ø4 / Ø6	96.00	84.00	168.00
DB072	Ø4 x Ø6					
DB073	Ø6 x Ø6					
DB081	Ø4 x Ø4	6	Ø4 / Ø6	112.00	95.00 ~ 100.00	168.00
DB082	Ø4 x Ø6					
DB083	Ø6 x Ø6					
DB091	Ø4 x Ø4	7	Ø4 / Ø6	128.00	116.00	168.00
DB092	Ø4 x Ø6					
DB093	Ø6 x Ø6					
DB101	Ø4 x Ø4	8	Ø4 / Ø6	144.00	132.00	168.00
DB102	Ø4 x Ø6					
DB103	Ø6 x Ø6					
DB121	Ø4 x Ø4	10	Ø4 / Ø6	176.00	164.00	168.00
DB122	Ø4 x Ø6					
DB123	Ø6 x Ø6					

*** All dimensions are given in millimeters.

ISH DB062
SM DB062

PROPORTIONAL DEVICES


A
B
OUT(ø4)
R3.25
15
16
(23)
10
T
T1

Characteristics & Dimensions

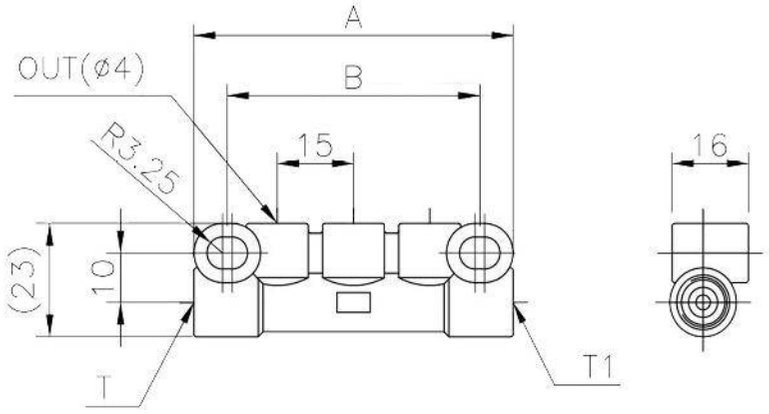
DB SERIES (RESISTANCE DISTRIBUITORS)

MODEL	T/TI	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Gr.)
DB041	Ø4 x Ø4	2	Ø4 / Ø6	48.00	35.00 ~ 36.00	168.00
DB042	Ø4 x Ø6					
DB043	Ø6 x Ø6					
DB051	Ø4 x Ø4	3	Ø4 / Ø6	64.00	51.00 ~ 55.00	168.00
DB052	Ø4 x Ø6					
DB053	Ø6 x Ø6					
DB061	Ø4 x Ø4	4	Ø4 / Ø6	80.00	68.00	168.00
DB062	Ø4 x Ø6					
DB063	Ø6 x Ø6					
DB071	Ø4 x Ø4	5	Ø4 / Ø6	96.00	84.00	168.00
DB072	Ø4 x Ø6					
DB073	Ø6 x Ø6					
DB081	Ø4 x Ø4	6	Ø4 / Ø6	112.00	95.00 ~ 100.00	168.00
DB082	Ø4 x Ø6					
DB083	Ø6 x Ø6					
DB091	Ø4 x Ø4	7	Ø4 / Ø6	128.00	116.00	168.00
DB092	Ø4 x Ø6					
DB093	Ø6 x Ø6					
DB101	Ø4 x Ø4	8	Ø4 / Ø6	144.00	132.00	168.00
DB102	Ø4 x Ø6					
DB103	Ø6 x Ø6					
DB121	Ø4 x Ø4	10	Ø4 / Ø6	176.00	164.00	168.00
DB122	Ø4 x Ø6					
DB123	Ø6 x Ø6					

*** All dimensions are given in millimeters.

ISH DB063
SM DB063

PROPORTIONAL DEVICES


A
B
OUT(ø4)
R3.25
15
16
(23)
10
T
T1

Characteristics & Dimensions

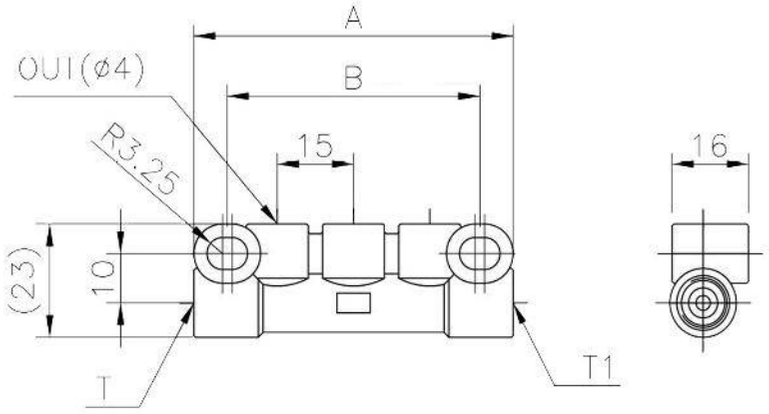
DB SERIES (RESISTANCE DISTRIBUITORS)

MODEL	T/TI	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Gr.)
DB041	Ø4 x Ø4	2	Ø4 / Ø6	48.00	35.00 ~ 36.00	168.00
DB042	Ø4 x Ø6					
DB043	Ø6 x Ø6					
DB051	Ø4 x Ø4	3	Ø4 / Ø6	64.00	51.00 ~ 55.00	168.00
DB052	Ø4 x Ø6					
DB053	Ø6 x Ø6					
DB061	Ø4 x Ø4	4	Ø4 / Ø6	80.00	68.00	168.00
DB062	Ø4 x Ø6					
DB063	Ø6 x Ø6					
DB071	Ø4 x Ø4	5	Ø4 / Ø6	96.00	84.00	168.00
DB072	Ø4 x Ø6					
DB073	Ø6 x Ø6					
DB081	Ø4 x Ø4	6	Ø4 / Ø6	112.00	95.00 ~ 100.00	168.00
DB082	Ø4 x Ø6					
DB083	Ø6 x Ø6					
DB091	Ø4 x Ø4	7	Ø4 / Ø6	128.00	116.00	168.00
DB092	Ø4 x Ø6					
DB093	Ø6 x Ø6					
DB101	Ø4 x Ø4	8	Ø4 / Ø6	144.00	132.00	168.00
DB102	Ø4 x Ø6					
DB103	Ø6 x Ø6					
DB121	Ø4 x Ø4	10	Ø4 / Ø6	176.00	164.00	168.00
DB122	Ø4 x Ø6					
DB123	Ø6 x Ø6					

*** All dimensions are given in millimeters.

ISH DB071
SM DB071

PROPORTIONAL DEVICES


A
B
OUI(ø4)
R3.25
15
16
(23)
10
T
T1

Characteristics & Dimensions

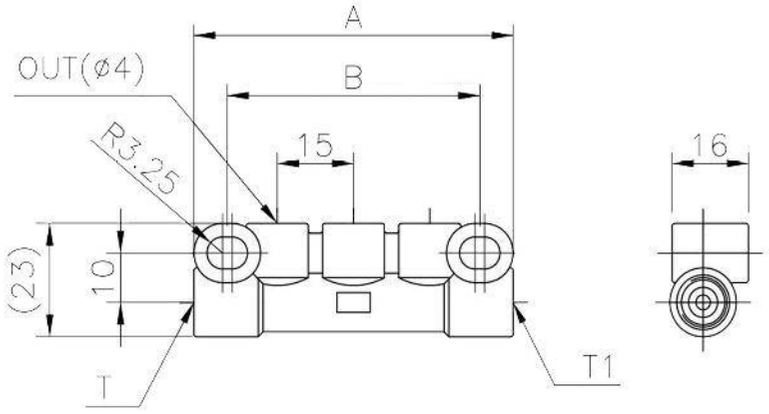
DB SERIES (RESISTANCE DISTRIBUITORS)

MODEL	T/TI	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Gr.)
DB041	Ø4 x Ø4	2	Ø4 / Ø6	48.00	35.00 ~ 36.00	168.00
DB042	Ø4 x Ø6					
DB043	Ø6 x Ø6					
DB051	Ø4 x Ø4	3	Ø4 / Ø6	64.00	51.00 ~ 55.00	168.00
DB052	Ø4 x Ø6					
DB053	Ø6 x Ø6					
DB061	Ø4 x Ø4	4	Ø4 / Ø6	80.00	68.00	168.00
DB062	Ø4 x Ø6					
DB063	Ø6 x Ø6					
DB071	Ø4 x Ø4	5	Ø4 / Ø6	96.00	84.00	168.00
DB072	Ø4 x Ø6					
DB073	Ø6 x Ø6					
DB081	Ø4 x Ø4	6	Ø4 / Ø6	112.00	95.00 ~ 100.00	168.00
DB082	Ø4 x Ø6					
DB083	Ø6 x Ø6					
DB091	Ø4 x Ø4	7	Ø4 / Ø6	128.00	116.00	168.00
DB092	Ø4 x Ø6					
DB093	Ø6 x Ø6					
DB101	Ø4 x Ø4	8	Ø4 / Ø6	144.00	132.00	168.00
DB102	Ø4 x Ø6					
DB103	Ø6 x Ø6					
DB121	Ø4 x Ø4	10	Ø4 / Ø6	176.00	164.00	168.00
DB122	Ø4 x Ø6					
DB123	Ø6 x Ø6					

*** All dimensions are given in millimeters.

ISH DB072
SM DB072

PROPORTIONAL DEVICES


A
B
OUT(ø4)
R3.25
15
16
(23)
10
T
T1

Characteristics & Dimensions

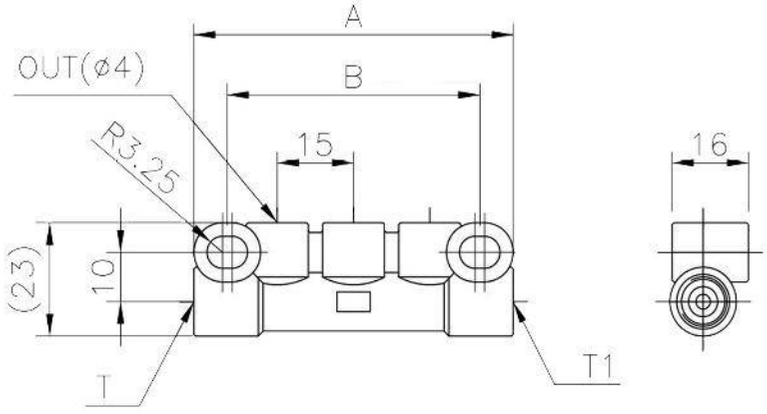
DB SERIES (RESISTANCE DISTRIBUITORS)

MODEL	T/TI	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Gr.)
DB041	Ø4 x Ø4	2	Ø4 / Ø6	48.00	35.00 ~ 36.00	168.00
DB042	Ø4 x Ø6					
DB043	Ø6 x Ø6					
DB051	Ø4 x Ø4	3	Ø4 / Ø6	64.00	51.00 ~ 55.00	168.00
DB052	Ø4 x Ø6					
DB053	Ø6 x Ø6					
DB061	Ø4 x Ø4	4	Ø4 / Ø6	80.00	68.00	168.00
DB062	Ø4 x Ø6					
DB063	Ø6 x Ø6					
DB071	Ø4 x Ø4	5	Ø4 / Ø6	96.00	84.00	168.00
DB072	Ø4 x Ø6					
DB073	Ø6 x Ø6					
DB081	Ø4 x Ø4	6	Ø4 / Ø6	112.00	95.00 ~ 100.00	168.00
DB082	Ø4 x Ø6					
DB083	Ø6 x Ø6					
DB091	Ø4 x Ø4	7	Ø4 / Ø6	128.00	116.00	168.00
DB092	Ø4 x Ø6					
DB093	Ø6 x Ø6					
DB101	Ø4 x Ø4	8	Ø4 / Ø6	144.00	132.00	168.00
DB102	Ø4 x Ø6					
DB103	Ø6 x Ø6					
DB121	Ø4 x Ø4	10	Ø4 / Ø6	176.00	164.00	168.00
DB122	Ø4 x Ø6					
DB123	Ø6 x Ø6					

*** All dimensions are given in millimeters.

ISH DB073
SM DB073

PROPORTIONAL DEVICES


A
B
OUT(ø4)
R3.25
15
16
(23)
10
T
T1

Characteristics & Dimensions

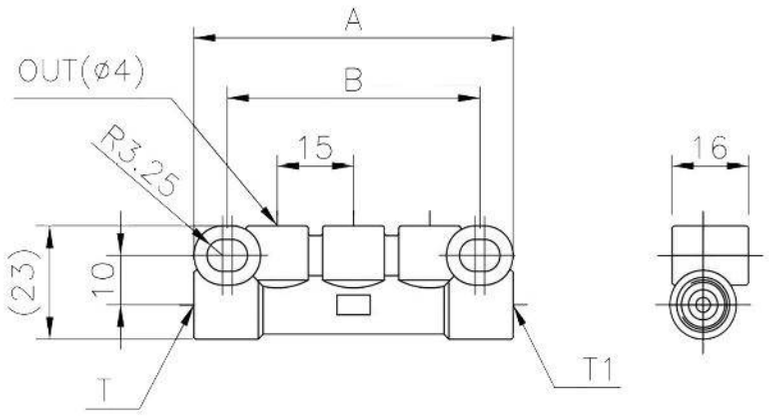
DB SERIES (RESISTANCE DISTRIBUITORS)

MODEL	T/TI	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Gr.)
DB041	Ø4 x Ø4	2	Ø4 / Ø6	48.00	35.00 ~ 36.00	168.00
DB042	Ø4 x Ø6					
DB043	Ø6 x Ø6					
DB051	Ø4 x Ø4	3	Ø4 / Ø6	64.00	51.00 ~ 55.00	168.00
DB052	Ø4 x Ø6					
DB053	Ø6 x Ø6					
DB061	Ø4 x Ø4	4	Ø4 / Ø6	80.00	68.00	168.00
DB062	Ø4 x Ø6					
DB063	Ø6 x Ø6					
DB071	Ø4 x Ø4	5	Ø4 / Ø6	96.00	84.00	168.00
DB072	Ø4 x Ø6					
DB073	Ø6 x Ø6					
DB081	Ø4 x Ø4	6	Ø4 / Ø6	112.00	95.00 ~ 100.00	168.00
DB082	Ø4 x Ø6					
DB083	Ø6 x Ø6					
DB091	Ø4 x Ø4	7	Ø4 / Ø6	128.00	116.00	168.00
DB092	Ø4 x Ø6					
DB093	Ø6 x Ø6					
DB101	Ø4 x Ø4	8	Ø4 / Ø6	144.00	132.00	168.00
DB102	Ø4 x Ø6					
DB103	Ø6 x Ø6					
DB121	Ø4 x Ø4	10	Ø4 / Ø6	176.00	164.00	168.00
DB122	Ø4 x Ø6					
DB123	Ø6 x Ø6					

*** All dimensions are given in millimeters.

ISH DB081

Proportional Devices


A
B
OUT(ø4)
R3.25
15
16
(23)
10
T
T1

Characteristics & Dimensions

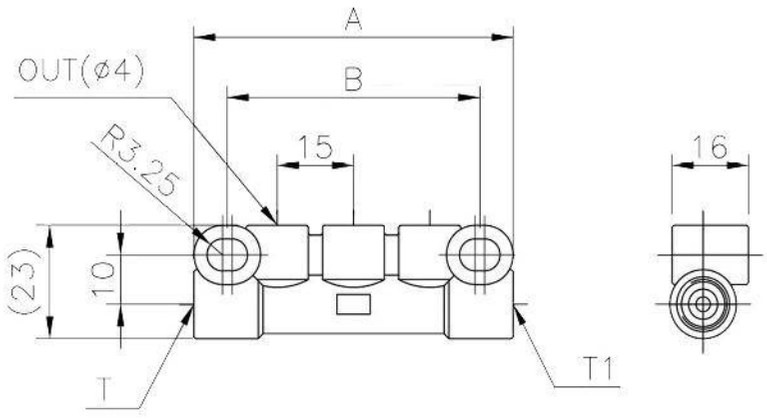
DB SERIES (RESISTANCE DISTRIBUITORS)

MODEL	T/TI	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Gr.)
DB041	Ø4 x Ø4	2	Ø4 / Ø6	48.00	35.00 ~ 36.00	168.00
DB042	Ø4 x Ø6					
DB043	Ø6 x Ø6					
DB051	Ø4 x Ø4	3	Ø4 / Ø6	64.00	51.00 ~ 55.00	168.00
DB052	Ø4 x Ø6					
DB053	Ø6 x Ø6					
DB061	Ø4 x Ø4	4	Ø4 / Ø6	80.00	68.00	168.00
DB062	Ø4 x Ø6					
DB063	Ø6 x Ø6					
DB071	Ø4 x Ø4	5	Ø4 / Ø6	96.00	84.00	168.00
DB072	Ø4 x Ø6					
DB073	Ø6 x Ø6					
DB081	Ø4 x Ø4	6	Ø4 / Ø6	112.00	95.00 ~ 100.00	168.00
DB082	Ø4 x Ø6					
DB083	Ø6 x Ø6					
DB091	Ø4 x Ø4	7	Ø4 / Ø6	128.00	116.00	168.00
DB092	Ø4 x Ø6					
DB093	Ø6 x Ø6					
DB101	Ø4 x Ø4	8	Ø4 / Ø6	144.00	132.00	168.00
DB102	Ø4 x Ø6					
DB103	Ø6 x Ø6					
DB121	Ø4 x Ø4	10	Ø4 / Ø6	176.00	164.00	168.00
DB122	Ø4 x Ø6					
DB123	Ø6 x Ø6					

*** All dimensions are given in millimeters.

ISH DB082
SM DB082

PROPORTIONAL DEVICES


A
B
OUT(ø4)
R3.25
15
16
(23)
10
T
T1

Characteristics & Dimensions

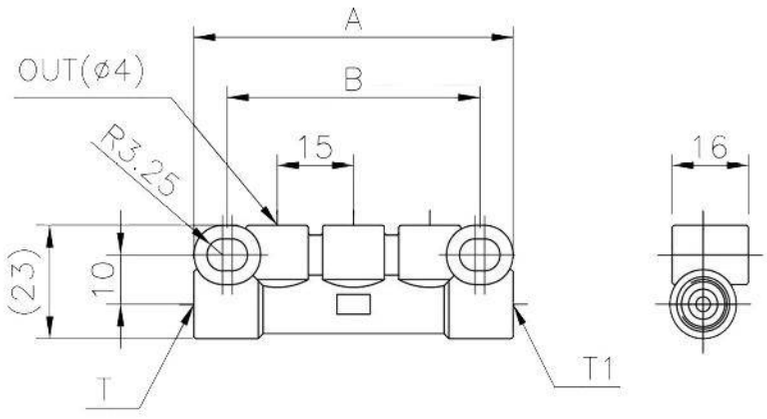
DB SERIES (RESISTANCE DISTRIBUITORS)

MODEL	T/TI	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Gr.)
DB041	Ø4 x Ø4	2	Ø4 / Ø6	48.00	35.00 ~ 36.00	168.00
DB042	Ø4 x Ø6					
DB043	Ø6 x Ø6					
DB051	Ø4 x Ø4	3	Ø4 / Ø6	64.00	51.00 ~ 55.00	168.00
DB052	Ø4 x Ø6					
DB053	Ø6 x Ø6					
DB061	Ø4 x Ø4	4	Ø4 / Ø6	80.00	68.00	168.00
DB062	Ø4 x Ø6					
DB063	Ø6 x Ø6					
DB071	Ø4 x Ø4	5	Ø4 / Ø6	96.00	84.00	168.00
DB072	Ø4 x Ø6					
DB073	Ø6 x Ø6					
DB081	Ø4 x Ø4	6	Ø4 / Ø6	112.00	95.00 ~ 100.00	168.00
DB082	Ø4 x Ø6					
DB083	Ø6 x Ø6					
DB091	Ø4 x Ø4	7	Ø4 / Ø6	128.00	116.00	168.00
DB092	Ø4 x Ø6					
DB093	Ø6 x Ø6					
DB101	Ø4 x Ø4	8	Ø4 / Ø6	144.00	132.00	168.00
DB102	Ø4 x Ø6					
DB103	Ø6 x Ø6					
DB121	Ø4 x Ø4	10	Ø4 / Ø6	176.00	164.00	168.00
DB122	Ø4 x Ø6					
DB123	Ø6 x Ø6					

*** All dimensions are given in millimeters.

ISH DB082
SM DB082

PROPORTIONAL DEVICES


A
B
OUT(ø4)
R3.25
15
16
(23)
10
T
T1

Characteristics & Dimensions

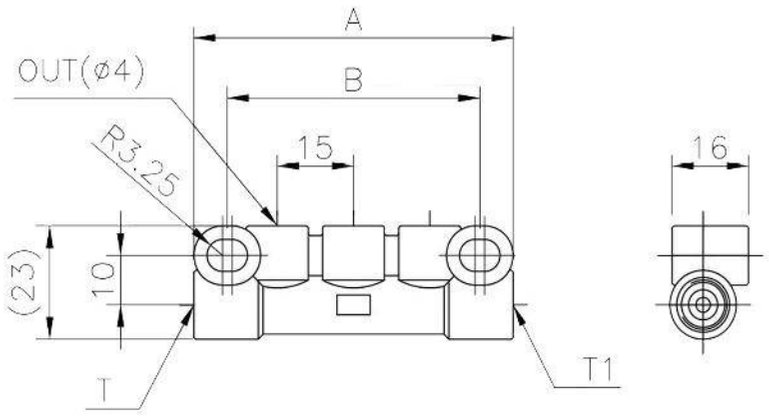
DB SERIES (RESISTANCE DISTRIBUITORS)

MODEL	T/TI	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Gr.)
DB041	Ø4 x Ø4	2	Ø4 / Ø6	48.00	35.00 ~ 36.00	168.00
DB042	Ø4 x Ø6					
DB043	Ø6 x Ø6					
DB051	Ø4 x Ø4	3	Ø4 / Ø6	64.00	51.00 ~ 55.00	168.00
DB052	Ø4 x Ø6					
DB053	Ø6 x Ø6					
DB061	Ø4 x Ø4	4	Ø4 / Ø6	80.00	68.00	168.00
DB062	Ø4 x Ø6					
DB063	Ø6 x Ø6					
DB071	Ø4 x Ø4	5	Ø4 / Ø6	96.00	84.00	168.00
DB072	Ø4 x Ø6					
DB073	Ø6 x Ø6					
DB081	Ø4 x Ø4	6	Ø4 / Ø6	112.00	95.00 ~ 100.00	168.00
DB082	Ø4 x Ø6					
DB083	Ø6 x Ø6					
DB091	Ø4 x Ø4	7	Ø4 / Ø6	128.00	116.00	168.00
DB092	Ø4 x Ø6					
DB093	Ø6 x Ø6					
DB101	Ø4 x Ø4	8	Ø4 / Ø6	144.00	132.00	168.00
DB102	Ø4 x Ø6					
DB103	Ø6 x Ø6					
DB121	Ø4 x Ø4	10	Ø4 / Ø6	176.00	164.00	168.00
DB122	Ø4 x Ø6					
DB123	Ø6 x Ø6					

*** All dimensions are given in millimeters.

ISH DB083
SM DB083

PROPORTIONAL DEVICES


A
B
OUT(ø4)
R3.25
15
16
(23)
10
T
T1

Characteristics & Dimensions

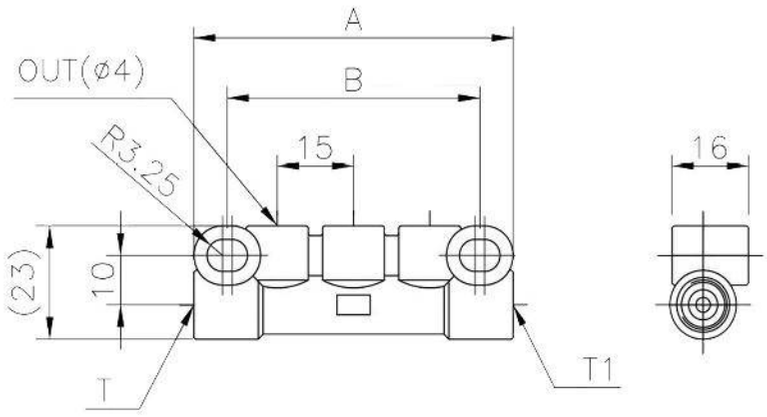
DB SERIES (RESISTANCE DISTRIBUITORS)

MODEL	T/TI	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Gr.)
DB041	Ø4 x Ø4	2	Ø4 / Ø6	48.00	35.00 ~ 36.00	168.00
DB042	Ø4 x Ø6					
DB043	Ø6 x Ø6					
DB051	Ø4 x Ø4	3	Ø4 / Ø6	64.00	51.00 ~ 55.00	168.00
DB052	Ø4 x Ø6					
DB053	Ø6 x Ø6					
DB061	Ø4 x Ø4	4	Ø4 / Ø6	80.00	68.00	168.00
DB062	Ø4 x Ø6					
DB063	Ø6 x Ø6					
DB071	Ø4 x Ø4	5	Ø4 / Ø6	96.00	84.00	168.00
DB072	Ø4 x Ø6					
DB073	Ø6 x Ø6					
DB081	Ø4 x Ø4	6	Ø4 / Ø6	112.00	95.00 ~ 100.00	168.00
DB082	Ø4 x Ø6					
DB083	Ø6 x Ø6					
DB091	Ø4 x Ø4	7	Ø4 / Ø6	128.00	116.00	168.00
DB092	Ø4 x Ø6					
DB093	Ø6 x Ø6					
DB101	Ø4 x Ø4	8	Ø4 / Ø6	144.00	132.00	168.00
DB102	Ø4 x Ø6					
DB103	Ø6 x Ø6					
DB121	Ø4 x Ø4	10	Ø4 / Ø6	176.00	164.00	168.00
DB122	Ø4 x Ø6					
DB123	Ø6 x Ø6					

*** All dimensions are given in millimeters.

ISH DB091
SM DB091

PROPORTIONAL DEVICES


A
B
OUT(ø4)
R3.25
15
16
(23)
10
T
T1

Characteristics & Dimensions

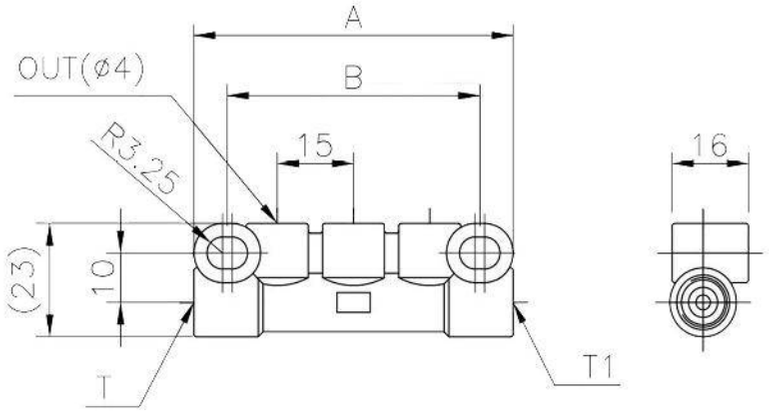
DB SERIES (RESISTANCE DISTRIBUITORS)

MODEL	T/TI	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Gr.)
DB041	Ø4 x Ø4	2	Ø4 / Ø6	48.00	35.00 ~ 36.00	168.00
DB042	Ø4 x Ø6					
DB043	Ø6 x Ø6					
DB051	Ø4 x Ø4	3	Ø4 / Ø6	64.00	51.00 ~ 55.00	168.00
DB052	Ø4 x Ø6					
DB053	Ø6 x Ø6					
DB061	Ø4 x Ø4	4	Ø4 / Ø6	80.00	68.00	168.00
DB062	Ø4 x Ø6					
DB063	Ø6 x Ø6					
DB071	Ø4 x Ø4	5	Ø4 / Ø6	96.00	84.00	168.00
DB072	Ø4 x Ø6					
DB073	Ø6 x Ø6					
DB081	Ø4 x Ø4	6	Ø4 / Ø6	112.00	95.00 ~ 100.00	168.00
DB082	Ø4 x Ø6					
DB083	Ø6 x Ø6					
DB091	Ø4 x Ø4	7	Ø4 / Ø6	128.00	116.00	168.00
DB092	Ø4 x Ø6					
DB093	Ø6 x Ø6					
DB101	Ø4 x Ø4	8	Ø4 / Ø6	144.00	132.00	168.00
DB102	Ø4 x Ø6					
DB103	Ø6 x Ø6					
DB121	Ø4 x Ø4	10	Ø4 / Ø6	176.00	164.00	168.00
DB122	Ø4 x Ø6					
DB123	Ø6 x Ø6					

*** All dimensions are given in millimeters.

ISH DB092
SM DB092

PROPORTIONAL DEVICES


A
B
OUT(ø4)
R3.25
15
16
(23)
10
T
T1

Characteristics & Dimensions

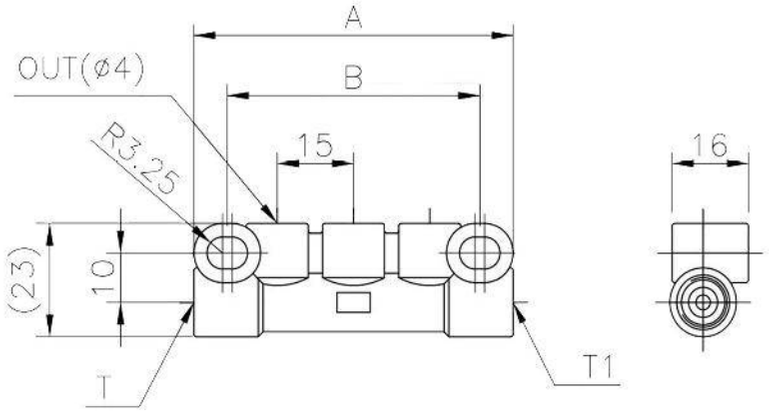
DB SERIES (RESISTANCE DISTRIBUITORS)

MODEL	T/TI	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Gr.)
DB041	Ø4 x Ø4	2	Ø4 / Ø6	48.00	35.00 ~ 36.00	168.00
DB042	Ø4 x Ø6					
DB043	Ø6 x Ø6					
DB051	Ø4 x Ø4	3	Ø4 / Ø6	64.00	51.00 ~ 55.00	168.00
DB052	Ø4 x Ø6					
DB053	Ø6 x Ø6					
DB061	Ø4 x Ø4	4	Ø4 / Ø6	80.00	68.00	168.00
DB062	Ø4 x Ø6					
DB063	Ø6 x Ø6					
DB071	Ø4 x Ø4	5	Ø4 / Ø6	96.00	84.00	168.00
DB072	Ø4 x Ø6					
DB073	Ø6 x Ø6					
DB081	Ø4 x Ø4	6	Ø4 / Ø6	112.00	95.00 ~ 100.00	168.00
DB082	Ø4 x Ø6					
DB083	Ø6 x Ø6					
DB091	Ø4 x Ø4	7	Ø4 / Ø6	128.00	116.00	168.00
DB092	Ø4 x Ø6					
DB093	Ø6 x Ø6					
DB101	Ø4 x Ø4	8	Ø4 / Ø6	144.00	132.00	168.00
DB102	Ø4 x Ø6					
DB103	Ø6 x Ø6					
DB121	Ø4 x Ø4	10	Ø4 / Ø6	176.00	164.00	168.00
DB122	Ø4 x Ø6					
DB123	Ø6 x Ø6					

*** All dimensions are given in millimeters.

ISH DB093
SM DB093

PROPORTIONAL DEVICES


A
B
OUT(ø4)
R3.25
15
16
(23)
10
T
T1

Characteristics & Dimensions

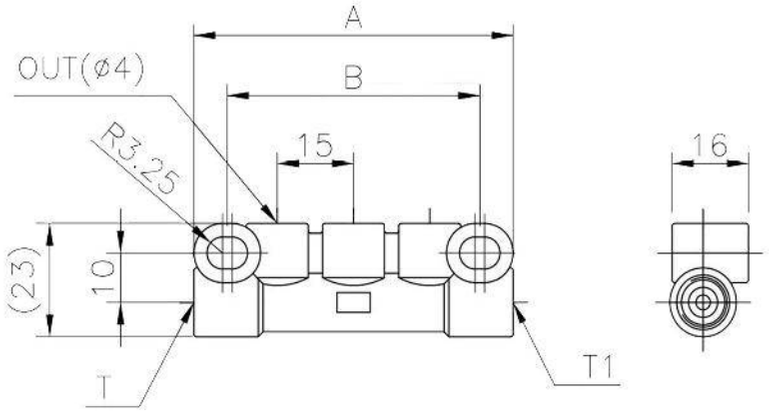
DB SERIES (RESISTANCE DISTRIBUITORS)

MODEL	T/TI	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Gr.)
DB041	Ø4 x Ø4	2	Ø4 / Ø6	48.00	35.00 ~ 36.00	168.00
DB042	Ø4 x Ø6					
DB043	Ø6 x Ø6					
DB051	Ø4 x Ø4	3	Ø4 / Ø6	64.00	51.00 ~ 55.00	168.00
DB052	Ø4 x Ø6					
DB053	Ø6 x Ø6					
DB061	Ø4 x Ø4	4	Ø4 / Ø6	80.00	68.00	168.00
DB062	Ø4 x Ø6					
DB063	Ø6 x Ø6					
DB071	Ø4 x Ø4	5	Ø4 / Ø6	96.00	84.00	168.00
DB072	Ø4 x Ø6					
DB073	Ø6 x Ø6					
DB081	Ø4 x Ø4	6	Ø4 / Ø6	112.00	95.00 ~ 100.00	168.00
DB082	Ø4 x Ø6					
DB083	Ø6 x Ø6					
DB091	Ø4 x Ø4	7	Ø4 / Ø6	128.00	116.00	168.00
DB092	Ø4 x Ø6					
DB093	Ø6 x Ø6					
DB101	Ø4 x Ø4	8	Ø4 / Ø6	144.00	132.00	168.00
DB102	Ø4 x Ø6					
DB103	Ø6 x Ø6					
DB121	Ø4 x Ø4	10	Ø4 / Ø6	176.00	164.00	168.00
DB122	Ø4 x Ø6					
DB123	Ø6 x Ø6					

*** All dimensions are given in millimeters.

ISH DB01001
SM DB01001

PROPORTIONAL DEVICES


A
B
OUT(ø4)
R3.25
15
16
(23)
10
T
T1

Characteristics & Dimensions

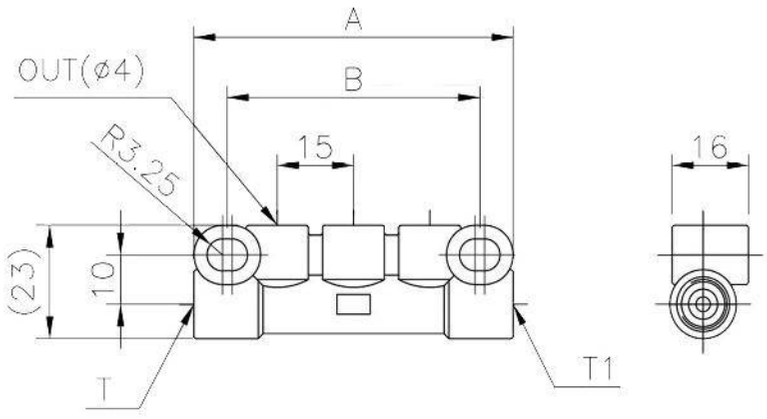
DB SERIES (RESISTANCE DISTRIBUITORS)

MODEL	T/TI	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Gr.)
DB041	Ø4 x Ø4	2	Ø4 / Ø6	48.00	35.00 ~ 36.00	168.00
DB042	Ø4 x Ø6					
DB043	Ø6 x Ø6					
DB051	Ø4 x Ø4	3	Ø4 / Ø6	64.00	51.00 ~ 55.00	168.00
DB052	Ø4 x Ø6					
DB053	Ø6 x Ø6					
DB061	Ø4 x Ø4	4	Ø4 / Ø6	80.00	68.00	168.00
DB062	Ø4 x Ø6					
DB063	Ø6 x Ø6					
DB071	Ø4 x Ø4	5	Ø4 / Ø6	96.00	84.00	168.00
DB072	Ø4 x Ø6					
DB073	Ø6 x Ø6					
DB081	Ø4 x Ø4	6	Ø4 / Ø6	112.00	95.00 ~ 100.00	168.00
DB082	Ø4 x Ø6					
DB083	Ø6 x Ø6					
DB091	Ø4 x Ø4	7	Ø4 / Ø6	128.00	116.00	168.00
DB092	Ø4 x Ø6					
DB093	Ø6 x Ø6					
DB101	Ø4 x Ø4	8	Ø4 / Ø6	144.00	132.00	168.00
DB102	Ø4 x Ø6					
DB103	Ø6 x Ø6					
DB121	Ø4 x Ø4	10	Ø4 / Ø6	176.00	164.00	168.00
DB122	Ø4 x Ø6					
DB123	Ø6 x Ø6					

*** All dimensions are given in millimeters.

ISH DB01002
SM DB01002

PROPORTIONAL DEVICES


A
B
OUT(ø4)
R3.25
15
16
(23)
10
T
T1

Characteristics & Dimensions

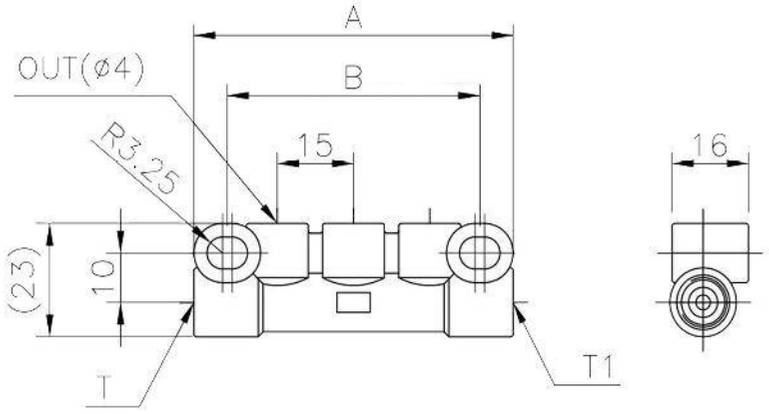
DB SERIES (RESISTANCE DISTRIBUITORS)

MODEL	T/TI	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Gr.)
DB041	Ø4 x Ø4	2	Ø4 / Ø6	48.00	35.00 ~ 36.00	168.00
DB042	Ø4 x Ø6					
DB043	Ø6 x Ø6					
DB051	Ø4 x Ø4	3	Ø4 / Ø6	64.00	51.00 ~ 55.00	168.00
DB052	Ø4 x Ø6					
DB053	Ø6 x Ø6					
DB061	Ø4 x Ø4	4	Ø4 / Ø6	80.00	68.00	168.00
DB062	Ø4 x Ø6					
DB063	Ø6 x Ø6					
DB071	Ø4 x Ø4	5	Ø4 / Ø6	96.00	84.00	168.00
DB072	Ø4 x Ø6					
DB073	Ø6 x Ø6					
DB081	Ø4 x Ø4	6	Ø4 / Ø6	112.00	95.00 ~ 100.00	168.00
DB082	Ø4 x Ø6					
DB083	Ø6 x Ø6					
DB091	Ø4 x Ø4	7	Ø4 / Ø6	128.00	116.00	168.00
DB092	Ø4 x Ø6					
DB093	Ø6 x Ø6					
DB101	Ø4 x Ø4	8	Ø4 / Ø6	144.00	132.00	168.00
DB102	Ø4 x Ø6					
DB103	Ø6 x Ø6					
DB121	Ø4 x Ø4	10	Ø4 / Ø6	176.00	164.00	168.00
DB122	Ø4 x Ø6					
DB123	Ø6 x Ø6					

*** All dimensions are given in millimeters.

ISH DB01003
SM DB01003

PROPORTIONAL DEVICES


A
B
OUT(ø4)
R3.25
15
16
(23)
10
T
T1

Characteristics & Dimensions

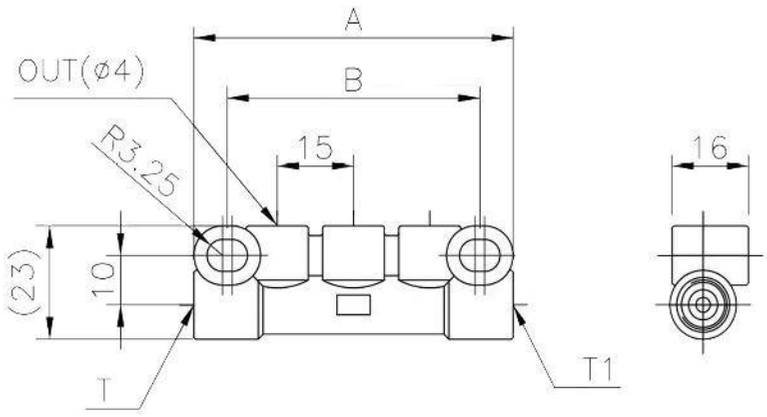
DB SERIES (RESISTANCE DISTRIBUITORS)

MODEL	T/TI	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Gr.)
DB041	Ø4 x Ø4	2	Ø4 / Ø6	48.00	35.00 ~ 36.00	168.00
DB042	Ø4 x Ø6					
DB043	Ø6 x Ø6					
DB051	Ø4 x Ø4	3	Ø4 / Ø6	64.00	51.00 ~ 55.00	168.00
DB052	Ø4 x Ø6					
DB053	Ø6 x Ø6					
DB061	Ø4 x Ø4	4	Ø4 / Ø6	80.00	68.00	168.00
DB062	Ø4 x Ø6					
DB063	Ø6 x Ø6					
DB071	Ø4 x Ø4	5	Ø4 / Ø6	96.00	84.00	168.00
DB072	Ø4 x Ø6					
DB073	Ø6 x Ø6					
DB081	Ø4 x Ø4	6	Ø4 / Ø6	112.00	95.00 ~ 100.00	168.00
DB082	Ø4 x Ø6					
DB083	Ø6 x Ø6					
DB091	Ø4 x Ø4	7	Ø4 / Ø6	128.00	116.00	168.00
DB092	Ø4 x Ø6					
DB093	Ø6 x Ø6					
DB101	Ø4 x Ø4	8	Ø4 / Ø6	144.00	132.00	168.00
DB102	Ø4 x Ø6					
DB103	Ø6 x Ø6					
DB121	Ø4 x Ø4	10	Ø4 / Ø6	176.00	164.00	168.00
DB122	Ø4 x Ø6					
DB123	Ø6 x Ø6					

*** All dimensions are given in millimeters.

ISH DB01021
SM DB01021

PROPORTIONAL DEVICES


A
B
OUT(ø4)
R3.25
15
16
(23)
10
T
T1

Characteristics & Dimensions

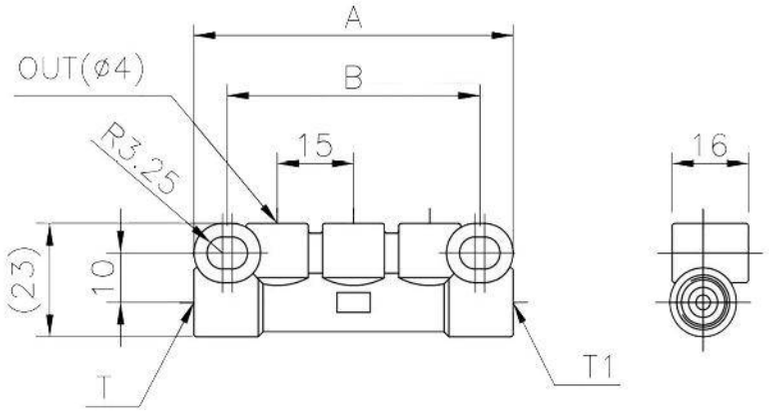
DB SERIES (RESISTANCE DISTRIBUITORS)

MODEL	T/TI	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Gr.)
DB041	Ø4 x Ø4	2	Ø4 / Ø6	48.00	35.00 ~ 36.00	168.00
DB042	Ø4 x Ø6					
DB043	Ø6 x Ø6					
DB051	Ø4 x Ø4	3	Ø4 / Ø6	64.00	51.00 ~ 55.00	168.00
DB052	Ø4 x Ø6					
DB053	Ø6 x Ø6					
DB061	Ø4 x Ø4	4	Ø4 / Ø6	80.00	68.00	168.00
DB062	Ø4 x Ø6					
DB063	Ø6 x Ø6					
DB071	Ø4 x Ø4	5	Ø4 / Ø6	96.00	84.00	168.00
DB072	Ø4 x Ø6					
DB073	Ø6 x Ø6					
DB081	Ø4 x Ø4	6	Ø4 / Ø6	112.00	95.00 ~ 100.00	168.00
DB082	Ø4 x Ø6					
DB083	Ø6 x Ø6					
DB091	Ø4 x Ø4	7	Ø4 / Ø6	128.00	116.00	168.00
DB092	Ø4 x Ø6					
DB093	Ø6 x Ø6					
DB101	Ø4 x Ø4	8	Ø4 / Ø6	144.00	132.00	168.00
DB102	Ø4 x Ø6					
DB103	Ø6 x Ø6					
DB121	Ø4 x Ø4	10	Ø4 / Ø6	176.00	164.00	168.00
DB122	Ø4 x Ø6					
DB123	Ø6 x Ø6					

*** All dimensions are given in millimeters.

ISH DB01022
SM DB01022

PROPORTIONAL DEVICES


A
B
OUT(ø4)
R3.25
15
16
(23)
10
T
T1

Characteristics & Dimensions

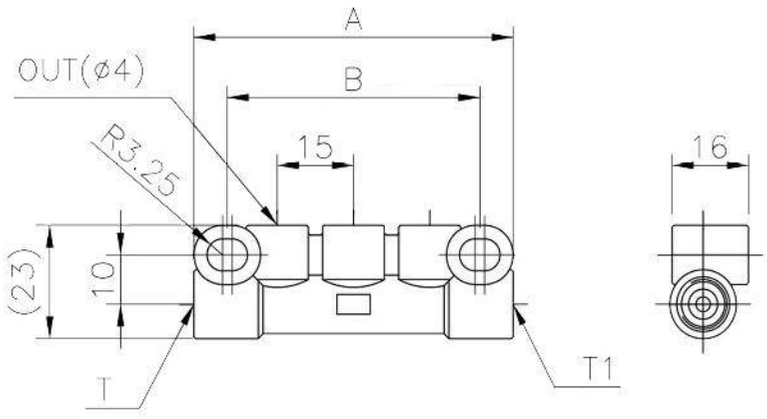
DB SERIES (RESISTANCE DISTRIBUITORS)

MODEL	T/TI	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Gr.)
DB041	Ø4 x Ø4	2	Ø4 / Ø6	48.00	35.00 ~ 36.00	168.00
DB042	Ø4 x Ø6					
DB043	Ø6 x Ø6					
DB051	Ø4 x Ø4	3	Ø4 / Ø6	64.00	51.00 ~ 55.00	168.00
DB052	Ø4 x Ø6					
DB053	Ø6 x Ø6					
DB061	Ø4 x Ø4	4	Ø4 / Ø6	80.00	68.00	168.00
DB062	Ø4 x Ø6					
DB063	Ø6 x Ø6					
DB071	Ø4 x Ø4	5	Ø4 / Ø6	96.00	84.00	168.00
DB072	Ø4 x Ø6					
DB073	Ø6 x Ø6					
DB081	Ø4 x Ø4	6	Ø4 / Ø6	112.00	95.00 ~ 100.00	168.00
DB082	Ø4 x Ø6					
DB083	Ø6 x Ø6					
DB091	Ø4 x Ø4	7	Ø4 / Ø6	128.00	116.00	168.00
DB092	Ø4 x Ø6					
DB093	Ø6 x Ø6					
DB101	Ø4 x Ø4	8	Ø4 / Ø6	144.00	132.00	168.00
DB102	Ø4 x Ø6					
DB103	Ø6 x Ø6					
DB121	Ø4 x Ø4	10	Ø4 / Ø6	176.00	164.00	168.00
DB122	Ø4 x Ø6					
DB123	Ø6 x Ø6					

*** All dimensions are given in millimeters.

ISH DB01023
SM DB01023

PROPORTIONAL DEVICES


A
B
OUT(ø4)
R3.25
15
16
(23)
10
T
T1

Characteristics & Dimensions

DB SERIES (RESISTANCE DISTRIBUITORS)

MODEL	T/TI	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Gr.)
DB041	Ø4 x Ø4	2	Ø4 / Ø6	48.00	35.00 ~ 36.00	168.00
DB042	Ø4 x Ø6					
DB043	Ø6 x Ø6					
DB051	Ø4 x Ø4	3	Ø4 / Ø6	64.00	51.00 ~ 55.00	168.00
DB052	Ø4 x Ø6					
DB053	Ø6 x Ø6					
DB061	Ø4 x Ø4	4	Ø4 / Ø6	80.00	68.00	168.00
DB062	Ø4 x Ø6					
DB063	Ø6 x Ø6					
DB071	Ø4 x Ø4	5	Ø4 / Ø6	96.00	84.00	168.00
DB072	Ø4 x Ø6					
DB073	Ø6 x Ø6					
DB081	Ø4 x Ø4	6	Ø4 / Ø6	112.00	95.00 ~ 100.00	168.00
DB082	Ø4 x Ø6					
DB083	Ø6 x Ø6					
DB091	Ø4 x Ø4	7	Ø4 / Ø6	128.00	116.00	168.00
DB092	Ø4 x Ø6					
DB093	Ø6 x Ø6					
DB101	Ø4 x Ø4	8	Ø4 / Ø6	144.00	132.00	168.00
DB102	Ø4 x Ø6					
DB103	Ø6 x Ø6					
DB121	Ø4 x Ø4	10	Ø4 / Ø6	176.00	164.00	168.00
DB122	Ø4 x Ø6					
DB123	Ø6 x Ø6					

*** All dimensions are given in millimeters.

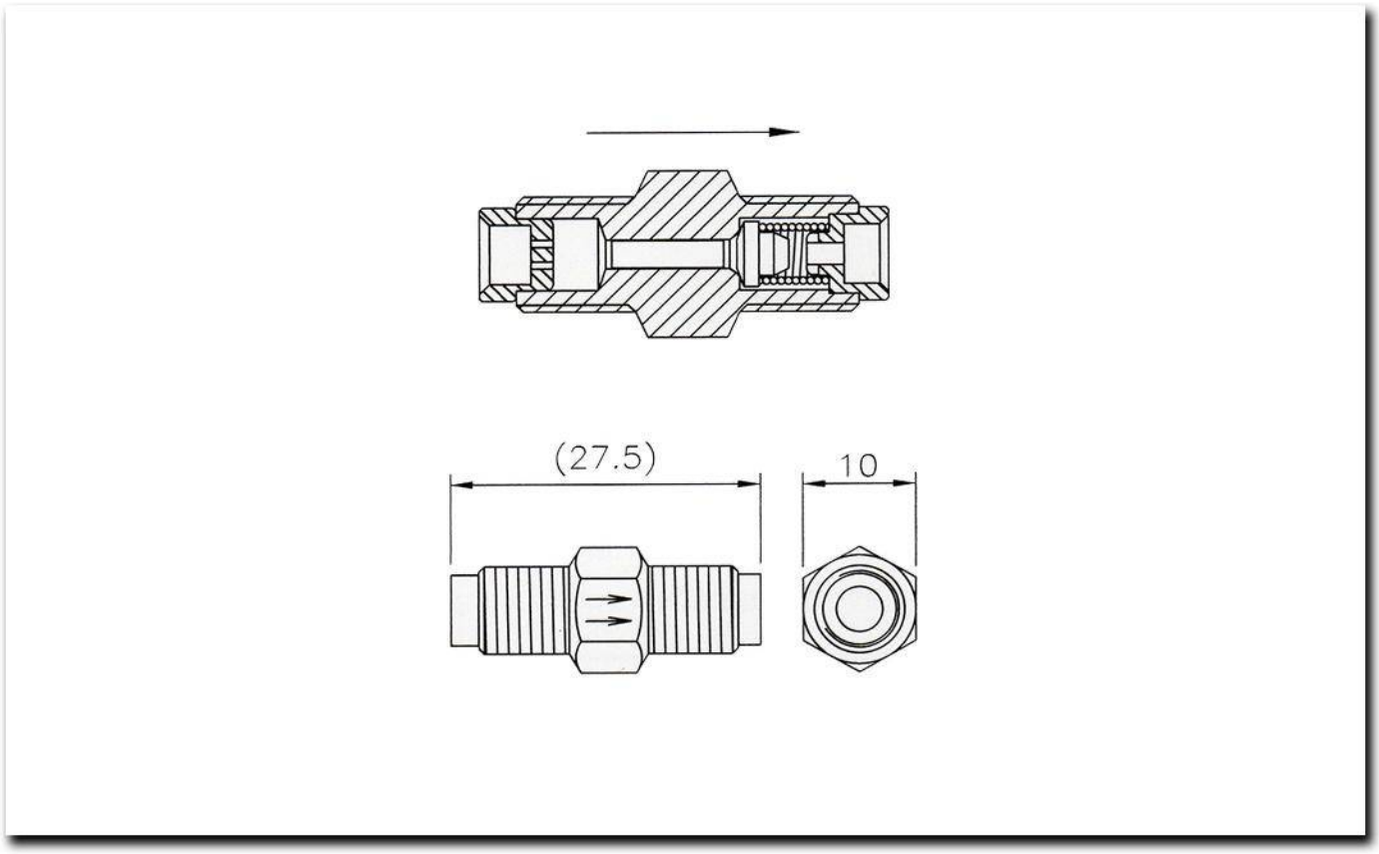
ISH DCM SERIES
SM DCM SERIES

IN-LINE FLOW PRESSURE DISTRIBUTORS

ISH DCM SERIES

PROPORTIONAL DEVICES

INPUT: **5/16 - 24**
OUTPUT: **1/8 NPT**


(27.5)
10

Characteristics & Dimensions

ISH DCM SERIES	
156001-SE	145.00
5/16" - 24	1/8" NPT
MODEL	**LUBRICANT FLOW RATE**
ISH DCM-000	*000*
ISH DCM-00	*00*
ISH DCM-0	*0*
ISH DCM-1	*1*
ISH DCM-2	*2*
ISH DCM-3	*3*
ISH DCM-4	*4*
ISH DCM-5	*5*
Working Pressure Range	*0.20 ~ 2.00 Mpa (2.00 ~ 20.00 Kgf/cm²)*
Oil Ciscosity	*20.00 ~ 500.00 cSt.*
Total Lenght	*25.50*
Total Widht	*10.00*
Total Device Weight *(gr.)*	*11.00*

*** Flow must be multiplied by the*
**** There are many more DSM Device Model, so please feel free to ask.*
***** All dimensions are given in millimeters.*

ISH DCM-M SERIES
SM DCM-M SERIES

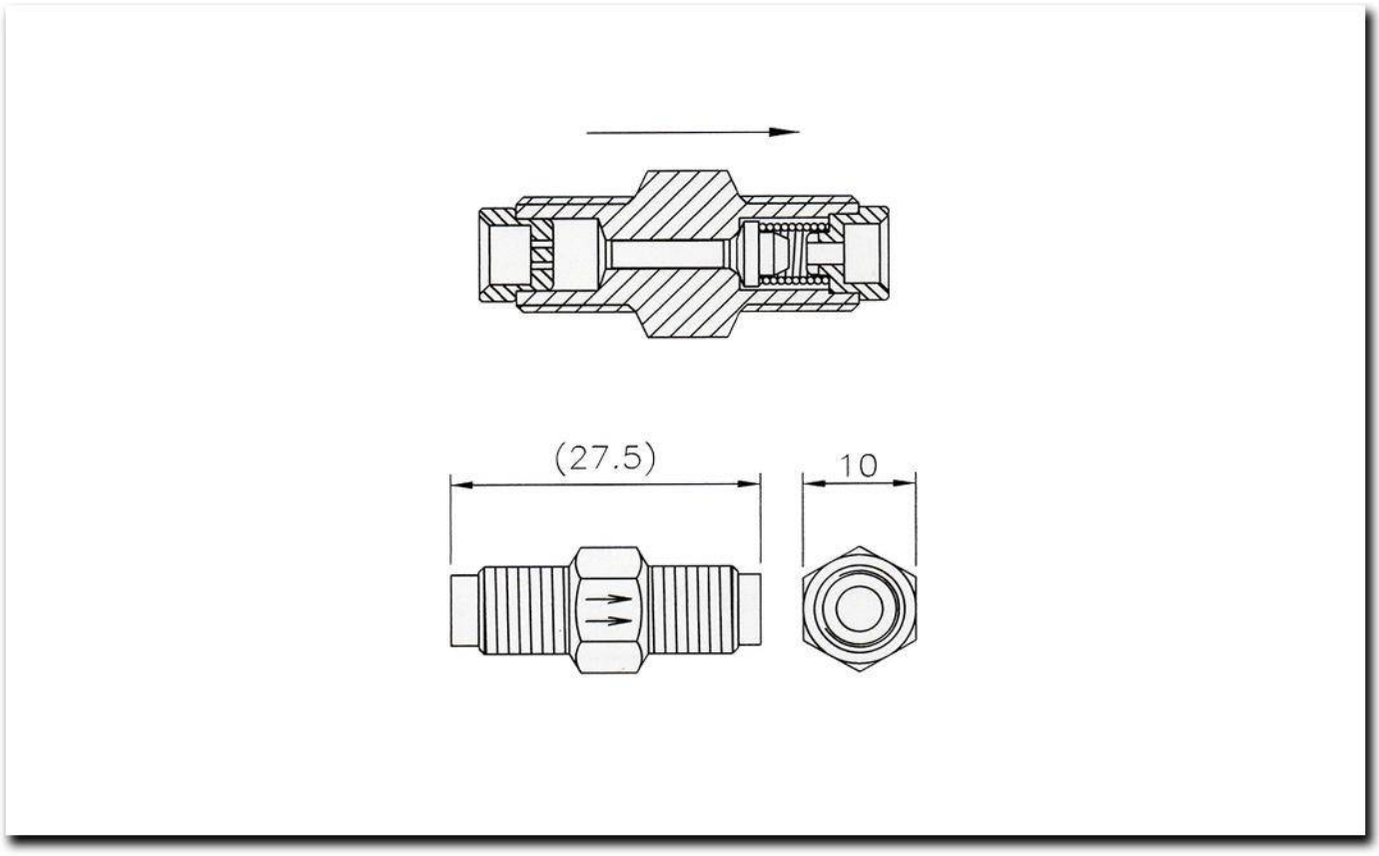
PROPORTIONAL DEVICES

ISH DCM-M SERIES

PROPORTIONAL DEVICES

INPUT: M8 x 1.0

OUTPUT: 1/8 PT


(27.5)
10

Characteristics & Dimensions

ISH DCM-M SERIES

INPUT DIAMETER	OUTPUT DIAMETER
M8 x 1.0	1/8 PT
MODEL	**LUBRICANT FLOW RATE**
ISH DCM-000M	*000*
ISH DCM-00M	*00*
ISH DCM-0M	*0*
ISH DCM-1M	*1*
ISH DCM-2M	*2*
ISH DCM-3M	*3*
ISH DCM-4M	*4*
ISH DCM-5M	*5*
Working Pressure	*0.2 ~ 2 Mpa (2 ~ 20 Kgf/cm²)*
Oil Viscocity	*20 ~ 500 cSt.*
Total Lenght	*25.5*
Total Width	*10*
Device Total Weight	*11 gr.*

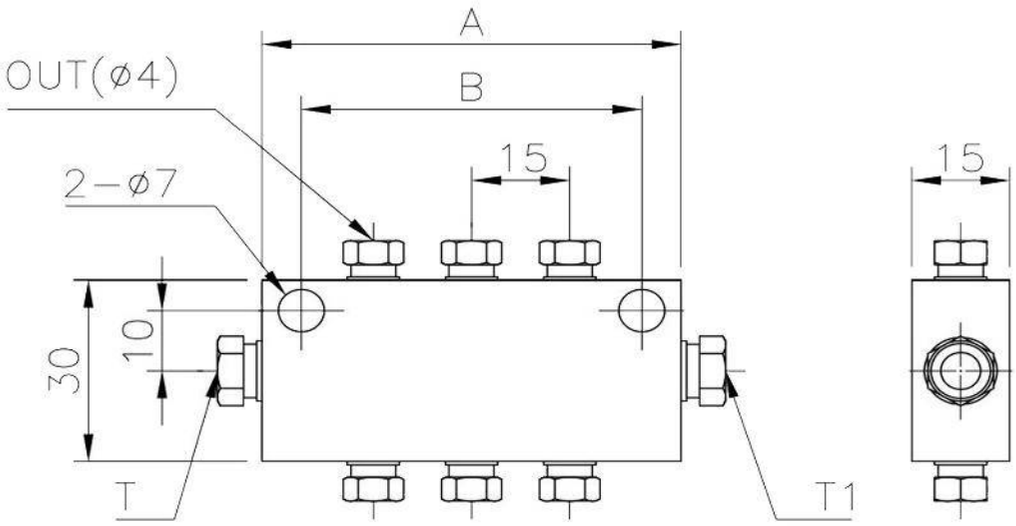
*** The flow must be multiplied by the serial number sequence.*
**** More DSM models are available. Please send your inquiry.*
***** All dimensions are given in millimeters.*

ISH DE SERIES
SM DE SERIES

RESISTANCE OIL DISTRIBUTORS

ISH DE-041
SM DE-041

RESISTANCE OIL DISTRIBUITORS


A
B
OUT(ø4)
2-ø7
15
15
30
10
T
T1

Characteristics & Dimensions

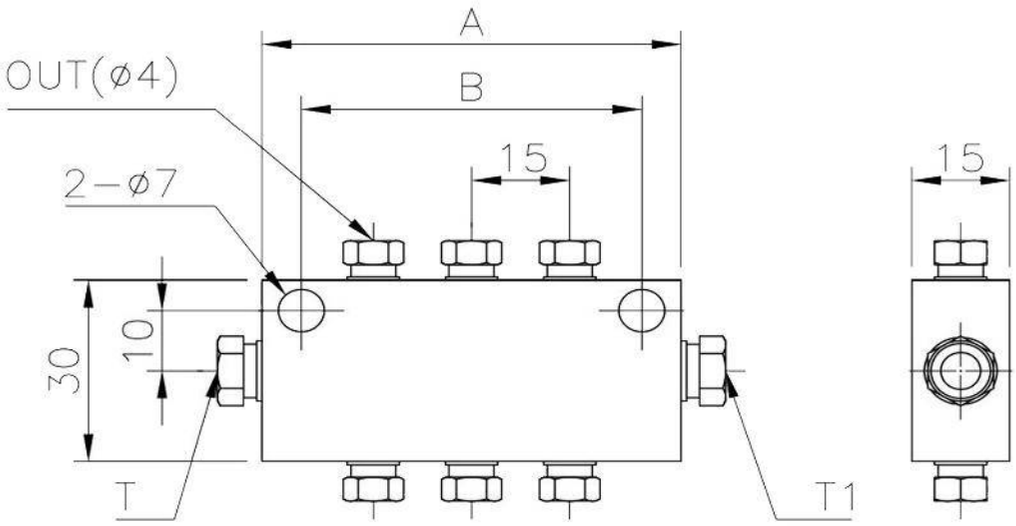
DE SERIES

MODEL	T/T1	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Kg)
DE041	Ø4 x Ø4	4	Ø4 / Ø6	48	36	70
DE042	Ø4 x Ø6					
DE043	Ø6 x Ø6					
DE061	Ø4 x Ø4	6	Ø4 / Ø6	64	52	92
DE062	Ø4 x Ø6					
DE063	Ø6 x Ø6					
DE081	Ø4 x Ø4	8	Ø4 / Ø6	80	68	116
DE082	Ø4 x Ø6					
DE083	Ø6 x Ø6					
DE101	Ø4 x Ø4	10	Ø4 / Ø6	96	84	138
DE102	Ø4 x Ø6					
DE103	Ø6 x Ø6					
DE121	Ø4 x Ø4	12	Ø4 / Ø6	112	99	159
DE122	Ø4 x Ø6					
DE123	Ø6 x Ø6					

**** All dimensions are given in millimeters.

ISH DE-042
SM DE-042

RESISTANCE OIL DISTRIBUITORS


A
B
OUT(ø4)
2-ø7
15
15
30
10
T
T1

Characteristics & Dimensions

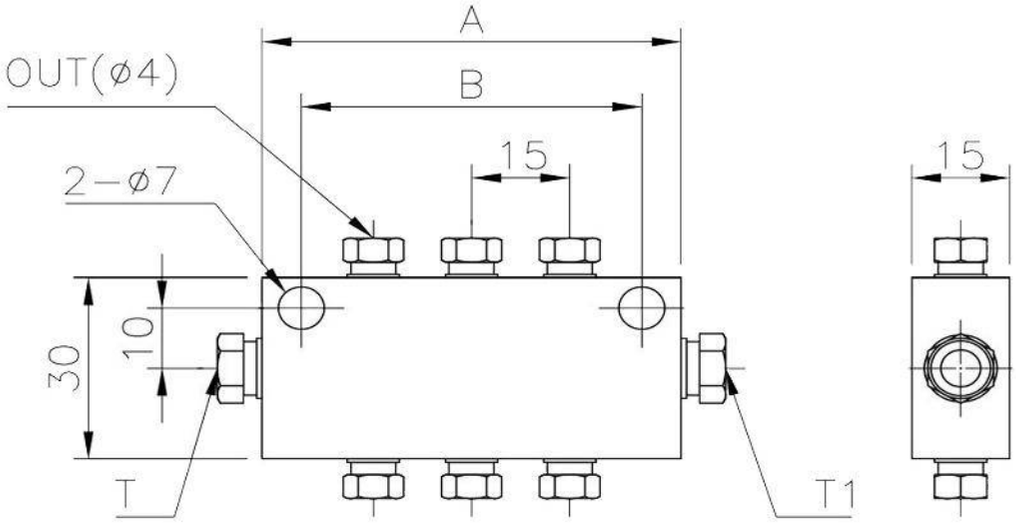
DE SERIES

MODEL	T/T1	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Kg)
DE041	Ø4 x Ø4	4	Ø4 / Ø6	48	36	70
DE042	Ø4 x Ø6					
DE043	Ø6 x Ø6					
DE061	Ø4 x Ø4	6	Ø4 / Ø6	64	52	92
DE062	Ø4 x Ø6					
DE063	Ø6 x Ø6					
DE081	Ø4 x Ø4	8	Ø4 / Ø6	80	68	116
DE082	Ø4 x Ø6					
DE083	Ø6 x Ø6					
DE101	Ø4 x Ø4	10	Ø4 / Ø6	96	84	138
DE102	Ø4 x Ø6					
DE103	Ø6 x Ø6					
DE121	Ø4 x Ø4	12	Ø4 / Ø6	112	99	159
DE122	Ø4 x Ø6					
DE123	Ø6 x Ø6					

**** All dimensions are given in millimeters.

ISH DE-043
SM DE-043

RESISTANCE OIL DISTRIBUITORS


A
B
OUT(ø4)
2-ø7
15
15
30
10
T
T1

Characteristics & Dimensions

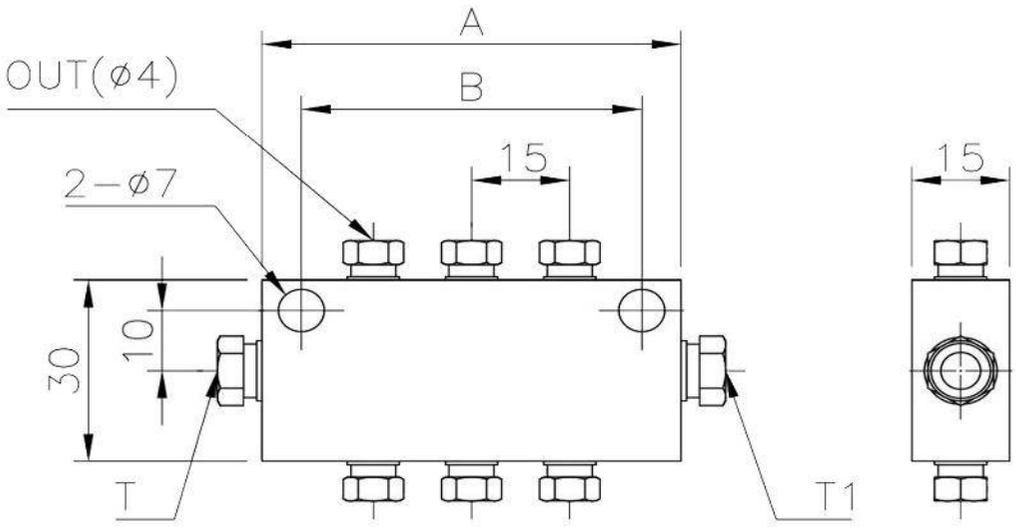
DE SERIES

MODEL	T/T1	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Kg)
DE041	Ø4 x Ø4	4	Ø4 / Ø6	48	36	70
DE042	Ø4 x Ø6					
DE043	Ø6 x Ø6					
DE061	Ø4 x Ø4	6	Ø4 / Ø6	64	52	92
DE062	Ø4 x Ø6					
DE063	Ø6 x Ø6					
DE081	Ø4 x Ø4	8	Ø4 / Ø6	80	68	116
DE082	Ø4 x Ø6					
DE083	Ø6 x Ø6					
DE101	Ø4 x Ø4	10	Ø4 / Ø6	96	84	138
DE102	Ø4 x Ø6					
DE103	Ø6 x Ø6					
DE121	Ø4 x Ø4	12	Ø4 / Ø6	112	99	159
DE122	Ø4 x Ø6					
DE123	Ø6 x Ø6					

**** All dimensions are given in millimeters.

ISH DE-061
SM DE-061

RESISTANCE OIL DISTRIBUITORS


A
B
OUT(ø4)
2-ø7
15
15
30
10
T
T1

Characteristics & Dimensions

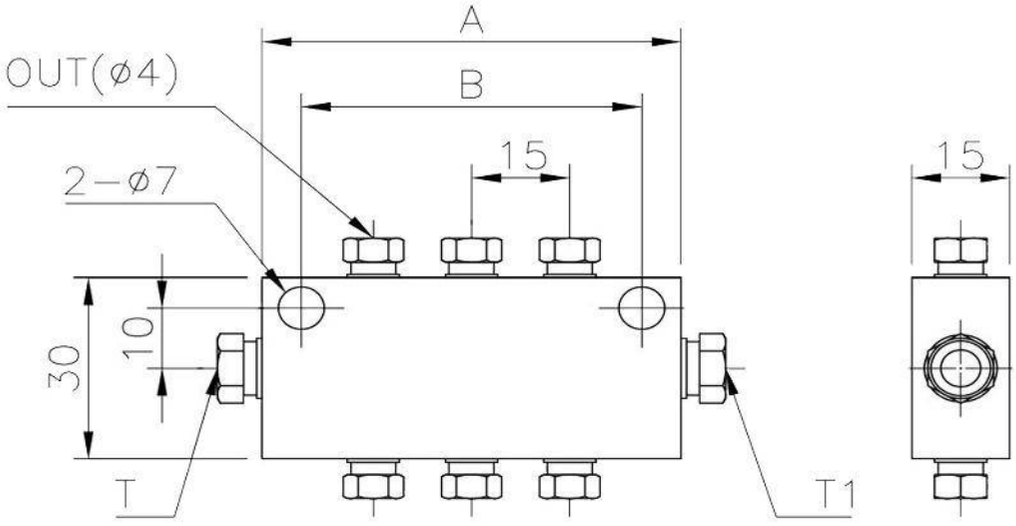
DE SERIES

MODEL	T/T1	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Kg)
DE041	Ø4 x Ø4	4	Ø4 / Ø6	48	36	70
DE042	Ø4 x Ø6					
DE043	Ø6 x Ø6					
DE061	Ø4 x Ø4	6	Ø4 / Ø6	64	52	92
DE062	Ø4 x Ø6					
DE063	Ø6 x Ø6					
DE081	Ø4 x Ø4	8	Ø4 / Ø6	80	68	116
DE082	Ø4 x Ø6					
DE083	Ø6 x Ø6					
DE101	Ø4 x Ø4	10	Ø4 / Ø6	96	84	138
DE102	Ø4 x Ø6					
DE103	Ø6 x Ø6					
DE121	Ø4 x Ø4	12	Ø4 / Ø6	112	99	159
DE122	Ø4 x Ø6					
DE123	Ø6 x Ø6					

**** All dimensions are given in millimeters.

ISH DE-062
SM DE-062

RESISTANCE OIL DISTRIBUITORS


A
B
OUT(ø4)
2-ø7
15
15
30
10
T
T1

Characteristics & Dimensions

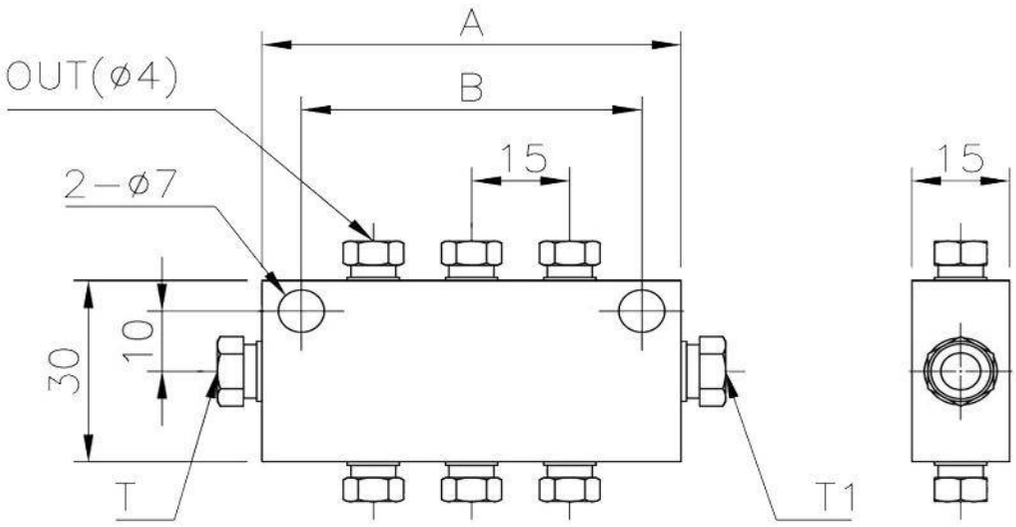
DE SERIES

MODEL	T/T1	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Kg)
DE041	Ø4 x Ø4	4	Ø4 / Ø6	48	36	70
DE042	Ø4 x Ø6					
DE043	Ø6 x Ø6					
DE061	Ø4 x Ø4	6	Ø4 / Ø6	64	52	92
DE062	Ø4 x Ø6					
DE063	Ø6 x Ø6					
DE081	Ø4 x Ø4	8	Ø4 / Ø6	80	68	116
DE082	Ø4 x Ø6					
DE083	Ø6 x Ø6					
DE101	Ø4 x Ø4	10	Ø4 / Ø6	96	84	138
DE102	Ø4 x Ø6					
DE103	Ø6 x Ø6					
DE121	Ø4 x Ø4	12	Ø4 / Ø6	112	99	159
DE122	Ø4 x Ø6					
DE123	Ø6 x Ø6					

**** All dimensions are given in millimeters.

ISH DE-063
SM DE-063

RESISTANCE OIL DISTRIBUITORS


A
B
OUT(ø4)
2-ø7
15
15
30
10
T
T1

Characteristics & Dimensions

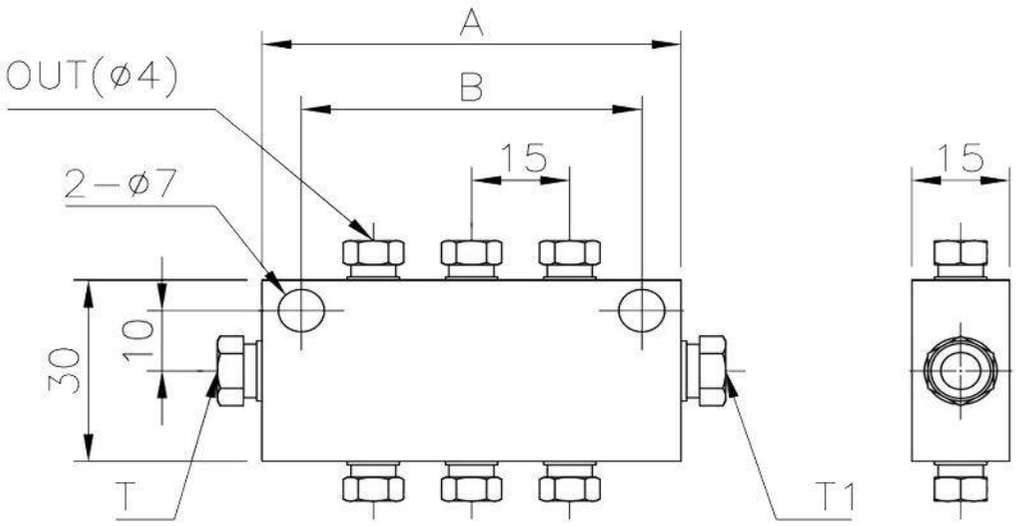
DE SERIES

MODEL	T/T1	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Kg)
DE041	Ø4 x Ø4	4	Ø4 / Ø6	48	36	70
DE042	Ø4 x Ø6					
DE043	Ø6 x Ø6					
DE061	Ø4 x Ø4	6	Ø4 / Ø6	64	52	92
DE062	Ø4 x Ø6					
DE063	Ø6 x Ø6					
DE081	Ø4 x Ø4	8	Ø4 / Ø6	80	68	116
DE082	Ø4 x Ø6					
DE083	Ø6 x Ø6					
DE101	Ø4 x Ø4	10	Ø4 / Ø6	96	84	138
DE102	Ø4 x Ø6					
DE103	Ø6 x Ø6					
DE121	Ø4 x Ø4	12	Ø4 / Ø6	112	99	159
DE122	Ø4 x Ø6					
DE123	Ø6 x Ø6					

**** All dimensions are given in millimeters.

ISH DE-081
SM DE-081

RESISTANCE OIL DISTRIBUITORS


A
B
OUT(ø4)
2-ø7
15
15
30
10
T
T1

Characteristics & Dimensions

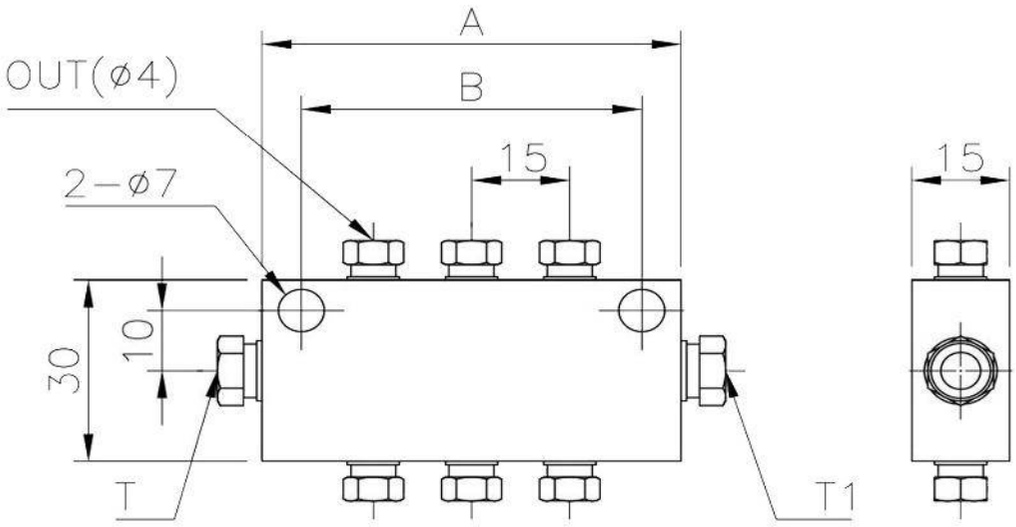
DE SERIES

MODEL	T/T1	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Kg)
DE041	Ø4 x Ø4	4	Ø4 / Ø6	48	36	70
DE042	Ø4 x Ø6					
DE043	Ø6 x Ø6					
DE061	Ø4 x Ø4	6	Ø4 / Ø6	64	52	92
DE062	Ø4 x Ø6					
DE063	Ø6 x Ø6					
DE081	Ø4 x Ø4	8	Ø4 / Ø6	80	68	116
DE082	Ø4 x Ø6					
DE083	Ø6 x Ø6					
DE101	Ø4 x Ø4	10	Ø4 / Ø6	96	84	138
DE102	Ø4 x Ø6					
DE103	Ø6 x Ø6					
DE121	Ø4 x Ø4	12	Ø4 / Ø6	112	99	159
DE122	Ø4 x Ø6					
DE123	Ø6 x Ø6					

**** *All dimensions are given in millimeters.*

ISH DE-082
SM DE-082

RESISTANCE OIL DISTRIBUITORS


A
B
OUT(ø4)
2-ø7
15
15
30
10
T
T1

Characteristics & Dimensions

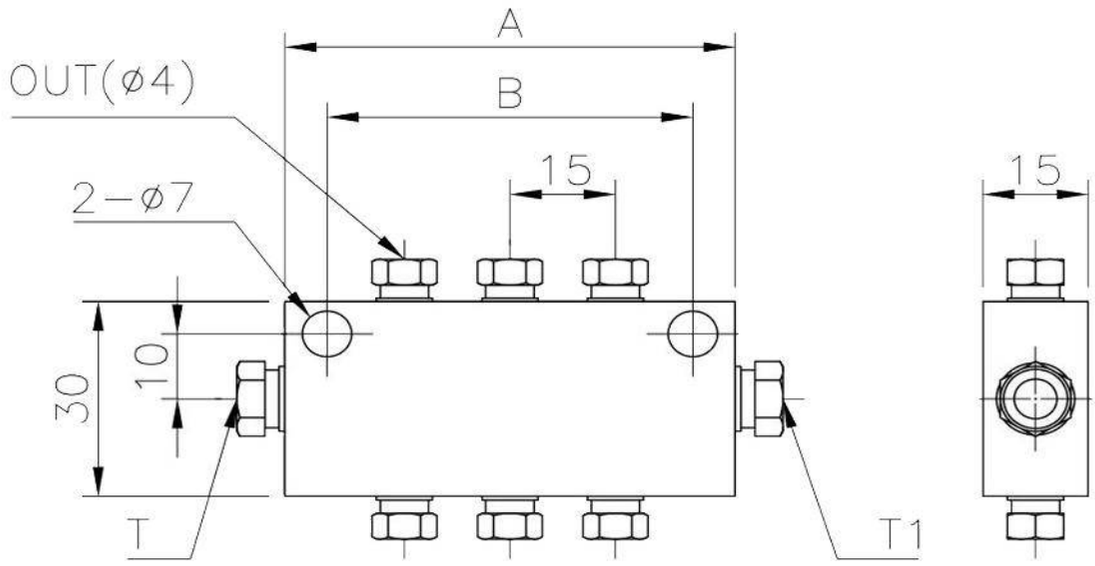
DE SERIES

MODEL	T/T1	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Kg)
DE041	Ø4 x Ø4	4	Ø4 / Ø6	48	36	70
DE042	Ø4 x Ø6					
DE043	Ø6 x Ø6					
DE061	Ø4 x Ø4	6	Ø4 / Ø6	64	52	92
DE062	Ø4 x Ø6					
DE063	Ø6 x Ø6					
DE081	Ø4 x Ø4	8	Ø4 / Ø6	80	68	116
DE082	Ø4 x Ø6					
DE083	Ø6 x Ø6					
DE101	Ø4 x Ø4	10	Ø4 / Ø6	96	84	138
DE102	Ø4 x Ø6					
DE103	Ø6 x Ø6					
DE121	Ø4 x Ø4	12	Ø4 / Ø6	112	99	159
DE122	Ø4 x Ø6					
DE123	Ø6 x Ø6					

**** *All dimensions are given in millimeters.*

ISH DE-083
SM DE-083

RESISTANCE OIL DISTRIBUITORS


A
B
OUT(ø4)
2−ø7
15
15
30
10
T
T1

Characteristics & Dimensions

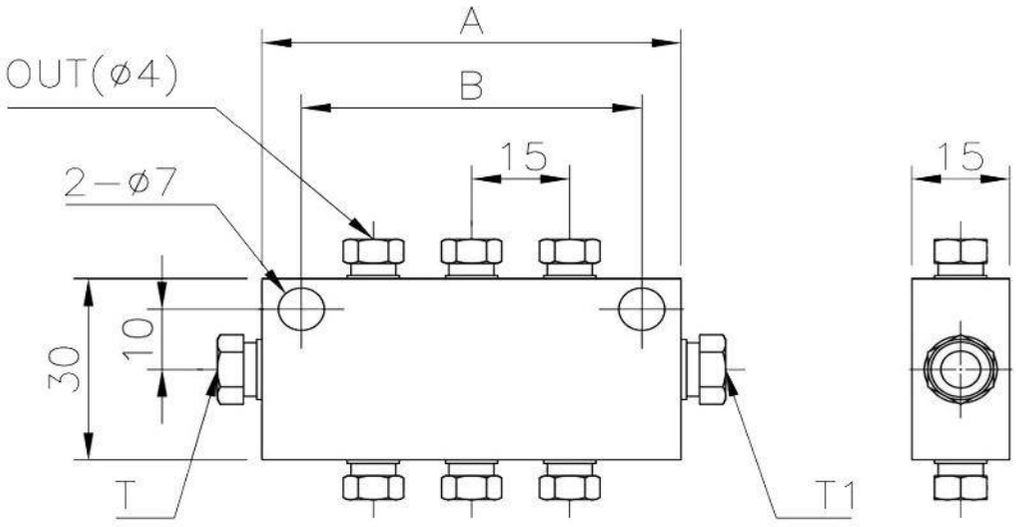
DE SERIES

MODEL	T/T1	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Kg)
DE041	Ø4 x Ø4	4	Ø4 / Ø6	48	36	70
DE042	Ø4 x Ø6					
DE043	Ø6 x Ø6					
DE061	Ø4 x Ø4	6	Ø4 / Ø6	64	52	92
DE062	Ø4 x Ø6					
DE063	Ø6 x Ø6					
DE081	Ø4 x Ø4	8	Ø4 / Ø6	80	68	116
DE082	Ø4 x Ø6					
DE083	Ø6 x Ø6					
DE101	Ø4 x Ø4	10	Ø4 / Ø6	96	84	138
DE102	Ø4 x Ø6					
DE103	Ø6 x Ø6					
DE121	Ø4 x Ø4	12	Ø4 / Ø6	112	99	159
DE122	Ø4 x Ø6					
DE123	Ø6 x Ø6					

**** All dimensions are given in millimeters.

ISH DE-01001
SM DE-01001

RESISTANCE OIL DISTRIBUITORS


A
B
OUT(ø4)
2—ø7
15
15
30
10
T
T1

Characteristics & Dimensions

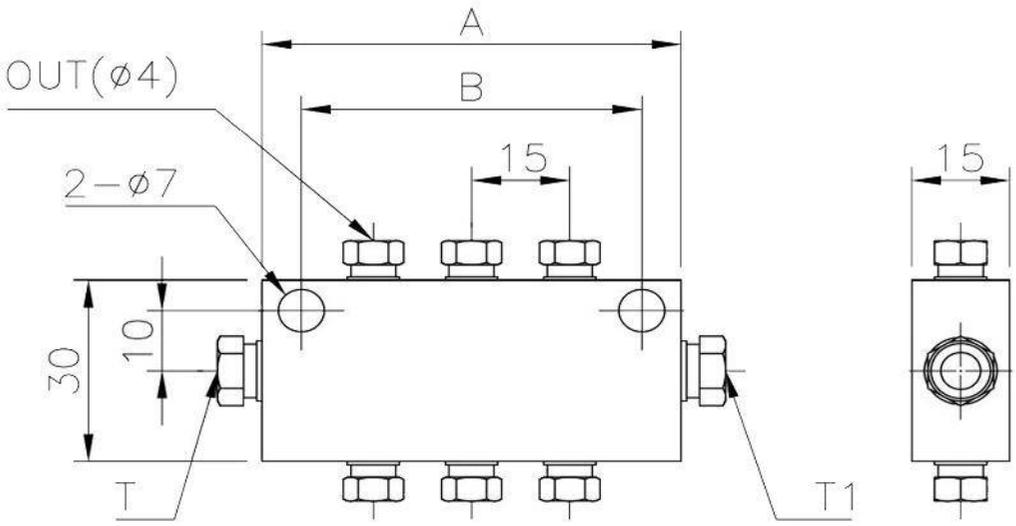
DE SERIES

MODEL	T/T1	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Kg)
DE041	Ø4 x Ø4	4	Ø4 / Ø6	48	36	70
DE042	Ø4 x Ø6					
DE043	Ø6 x Ø6					
DE061	Ø4 x Ø4	6	Ø4 / Ø6	64	52	92
DE062	Ø4 x Ø6					
DE063	Ø6 x Ø6					
DE081	Ø4 x Ø4	8	Ø4 / Ø6	80	68	116
DE082	Ø4 x Ø6					
DE083	Ø6 x Ø6					
DE101	Ø4 x Ø4	10	Ø4 / Ø6	96	84	138
DE102	Ø4 x Ø6					
DE103	Ø6 x Ø6					
DE121	Ø4 x Ø4	12	Ø4 / Ø6	112	99	159
DE122	Ø4 x Ø6					
DE123	Ø6 x Ø6					

**** All dimensions are given in millimeters.

ISH DE-01002
SM DE-01002

RESISTANCE OIL DISTRIBUITORS


A
B
OUT(ø4)
2-ø7
15
15
30
10
T
T1

Characteristics & Dimensions

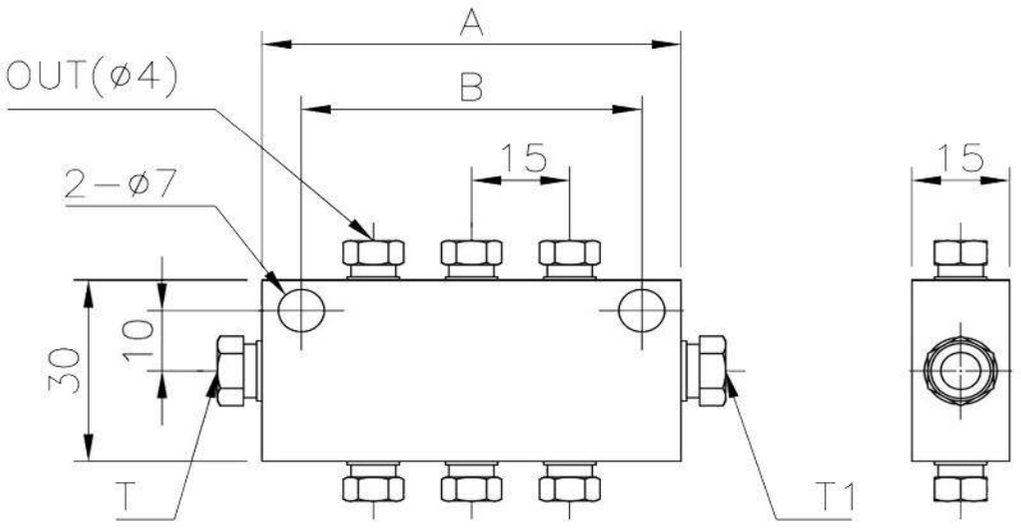
DE SERIES

MODEL	T/T1	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Kg)
DE041	Ø4 x Ø4	4	Ø4 / Ø6	48	36	70
DE042	Ø4 x Ø6					
DE043	Ø6 x Ø6					
DE061	Ø4 x Ø4	6	Ø4 / Ø6	64	52	92
DE062	Ø4 x Ø6					
DE063	Ø6 x Ø6					
DE081	Ø4 x Ø4	8	Ø4 / Ø6	80	68	116
DE082	Ø4 x Ø6					
DE083	Ø6 x Ø6					
DE101	Ø4 x Ø4	10	Ø4 / Ø6	96	84	138
DE102	Ø4 x Ø6					
DE103	Ø6 x Ø6					
DE121	Ø4 x Ø4	12	Ø4 / Ø6	112	99	159
DE122	Ø4 x Ø6					
DE123	Ø6 x Ø6					

**** All dimensions are given in millimeters.

ISH DE-01003
SM DE-01003

RESISTANCE OIL DISTRIBUITORS


A
B
OUT(ø4)
2-ø7
15
15
30
10
T
T1

Characteristics & Dimensions

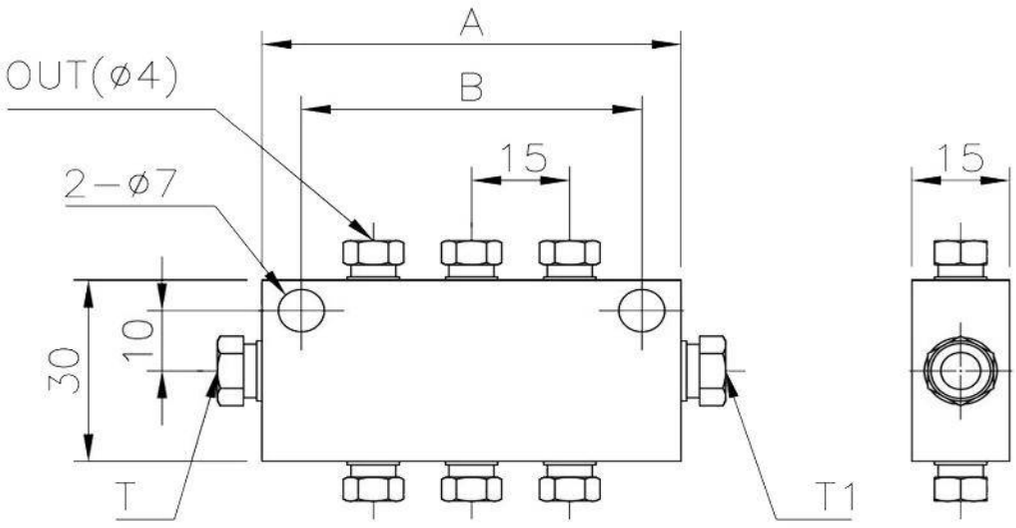
DE SERIES

MODEL	T/T1	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Kg)
DE041	Ø4 x Ø4	4	Ø4 / Ø6	48	36	70
DE042	Ø4 x Ø6					
DE043	Ø6 x Ø6					
DE061	Ø4 x Ø4	6	Ø4 / Ø6	64	52	92
DE062	Ø4 x Ø6					
DE063	Ø6 x Ø6					
DE081	Ø4 x Ø4	8	Ø4 / Ø6	80	68	116
DE082	Ø4 x Ø6					
DE083	Ø6 x Ø6					
DE101	Ø4 x Ø4	10	Ø4 / Ø6	96	84	138
DE102	Ø4 x Ø6					
DE103	Ø6 x Ø6					
DE121	Ø4 x Ø4	12	Ø4 / Ø6	112	99	159
DE122	Ø4 x Ø6					
DE123	Ø6 x Ø6					

**** All dimensions are given in millimeters.

ISH DE-01021
SM DE-01021

RESISTANCE OIL DISTRIBUITORS


A
B
OUT(ø4)
2-ø7
15
15
30
10
T
T1

Characteristics & Dimensions

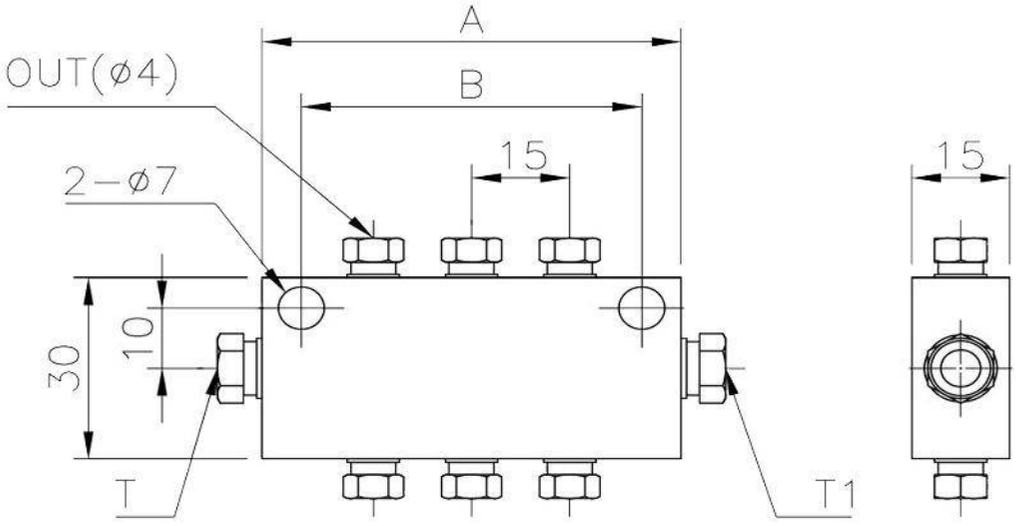
DE SERIES

MODEL	T/T1	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Kg)
DE041	Ø4 x Ø4	4	Ø4 / Ø6	48	36	70
DE042	Ø4 x Ø6					
DE043	Ø6 x Ø6					
DE061	Ø4 x Ø4	6	Ø4 / Ø6	64	52	92
DE062	Ø4 x Ø6					
DE063	Ø6 x Ø6					
DE081	Ø4 x Ø4	8	Ø4 / Ø6	80	68	116
DE082	Ø4 x Ø6					
DE083	Ø6 x Ø6					
DE101	Ø4 x Ø4	10	Ø4 / Ø6	96	84	138
DE102	Ø4 x Ø6					
DE103	Ø6 x Ø6					
DE121	Ø4 x Ø4	12	Ø4 / Ø6	112	99	159
DE122	Ø4 x Ø6					
DE123	Ø6 x Ø6					

**** All dimensions are given in millimeters.

ISH DE-01022
SM DE-01022

RESISTANCE OIL DISTRIBUITORS


A
B
OUT(ø4)
2-ø7
15
15
30
10
T
T1

Characteristics & Dimensions

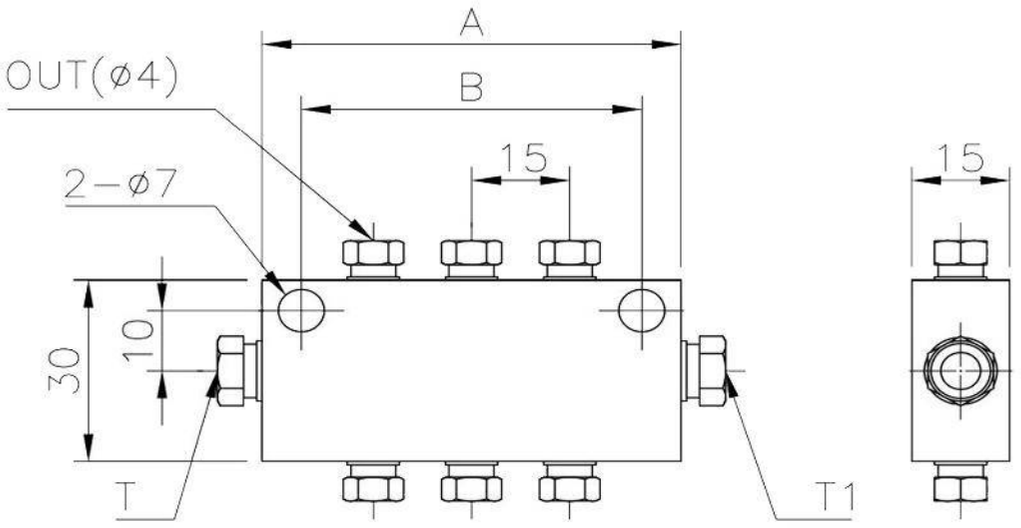
DE SERIES

MODEL	T/T1	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Kg)
DE041	Ø4 x Ø4	4	Ø4 / Ø6	48	36	70
DE042	Ø4 x Ø6					
DE043	Ø6 x Ø6					
DE061	Ø4 x Ø4	6	Ø4 / Ø6	64	52	92
DE062	Ø4 x Ø6					
DE063	Ø6 x Ø6					
DE081	Ø4 x Ø4	8	Ø4 / Ø6	80	68	116
DE082	Ø4 x Ø6					
DE083	Ø6 x Ø6					
DE101	Ø4 x Ø4	10	Ø4 / Ø6	96	84	138
DE102	Ø4 x Ø6					
DE103	Ø6 x Ø6					
DE121	Ø4 x Ø4	12	Ø4 / Ø6	112	99	159
DE122	Ø4 x Ø6					
DE123	Ø6 x Ø6					

**** All dimensions are given in millimeters.

ISH DE-01023
SM DE-01023

RESISTANCE OIL DISTRIBUITORS


A
B
OUT(ø4)
2-ø7
15
15
30
10
T
T1

Characteristics & Dimensions

DE SERIES

MODEL	T/T1	NUMBER OF OUTLETS	OUTLET BORE	A	B	WEIGHT (Kg)
DE041	Ø4 x Ø4	4	Ø4 / Ø6	48	36	70
DE042	Ø4 x Ø6					
DE043	Ø6 x Ø6					
DE061	Ø4 x Ø4	6	Ø4 / Ø6	64	52	92
DE062	Ø4 x Ø6					
DE063	Ø6 x Ø6					
DE081	Ø4 x Ø4	8	Ø4 / Ø6	80	68	116
DE082	Ø4 x Ø6					
DE083	Ø6 x Ø6					
DE101	Ø4 x Ø4	10	Ø4 / Ø6	96	84	138
DE102	Ø4 x Ø6					
DE103	Ø6 x Ø6					
DE121	Ø4 x Ø4	12	Ø4 / Ø6	112	99	159
DE122	Ø4 x Ø6					
DE123	Ø6 x Ø6					

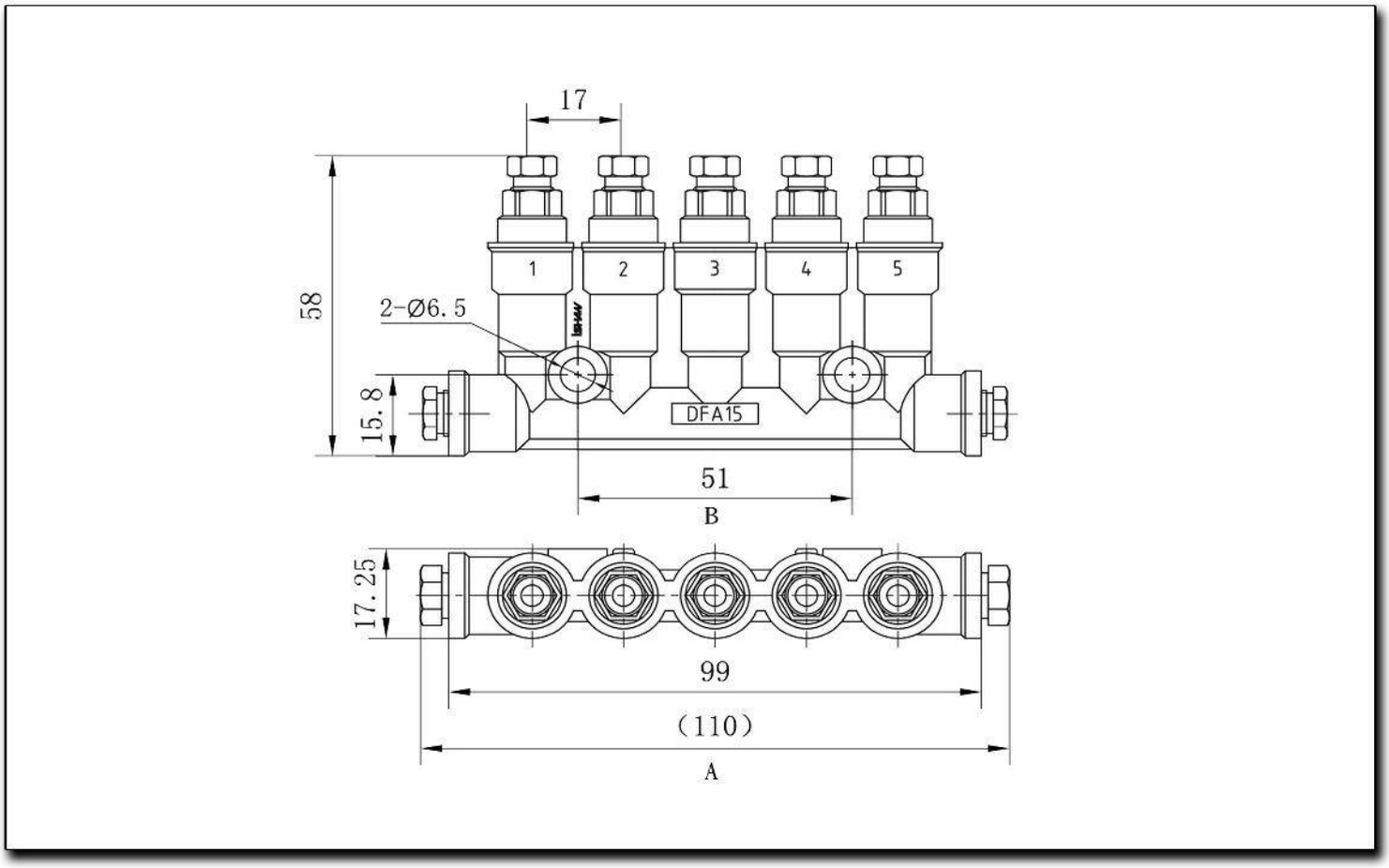
**** All dimensions are given in millimeters.

ISH DFA SERIES
SM DFA SERIES

PISTON DISTRIBUTORS

ISH DFA12
SM DFA12

PISTON OIL DISTRIBUTORS


17
58
2-Ø6.5
15.8
1
2
3
4
5
DFA15
51
B
17.25
99
(110)
A

Characteristics & Dimensions

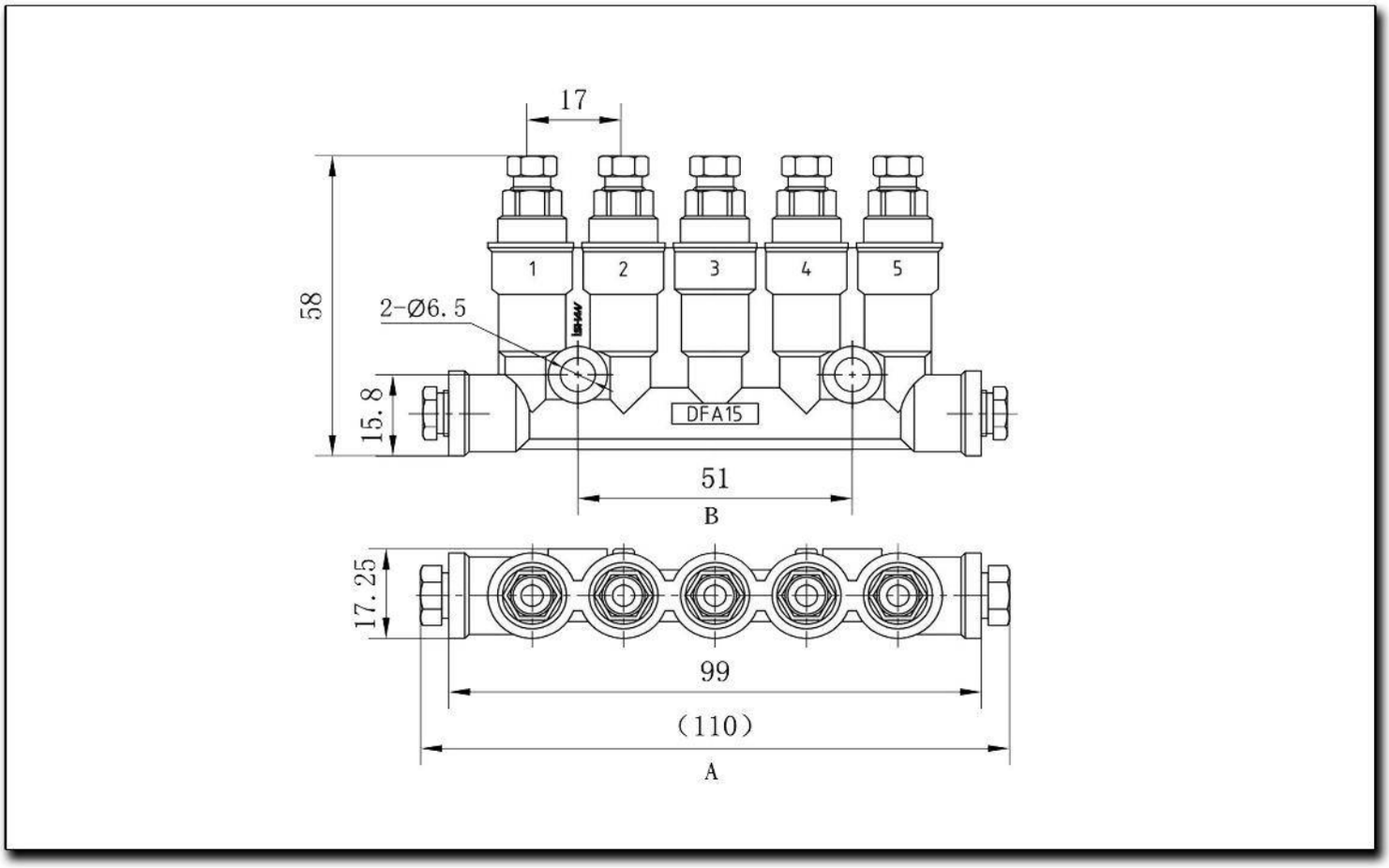
DFA SERIES

MODEL	NUMBER OF OULETS	A	B	METERED VOLUME (c.c.)
DFA12	2	76.00	34.00	0.03 0.06 0.10 0.16
DFA13	3	93.00	17.00	
DFA14	4	96.00	34.00	
DFA15	5	110.00	51.00	
DFA16	6	127.00	68.00	

*** All dimensions are given in millimeters.

ISH DFA13
SM DFA13

PISTON OIL DISTRIBUTORS


17
58
2-Ø6.5
15.8
1
2
3
4
5
DFA15
51
B
17.25
99
(110)
A

Characteristics & Dimensions

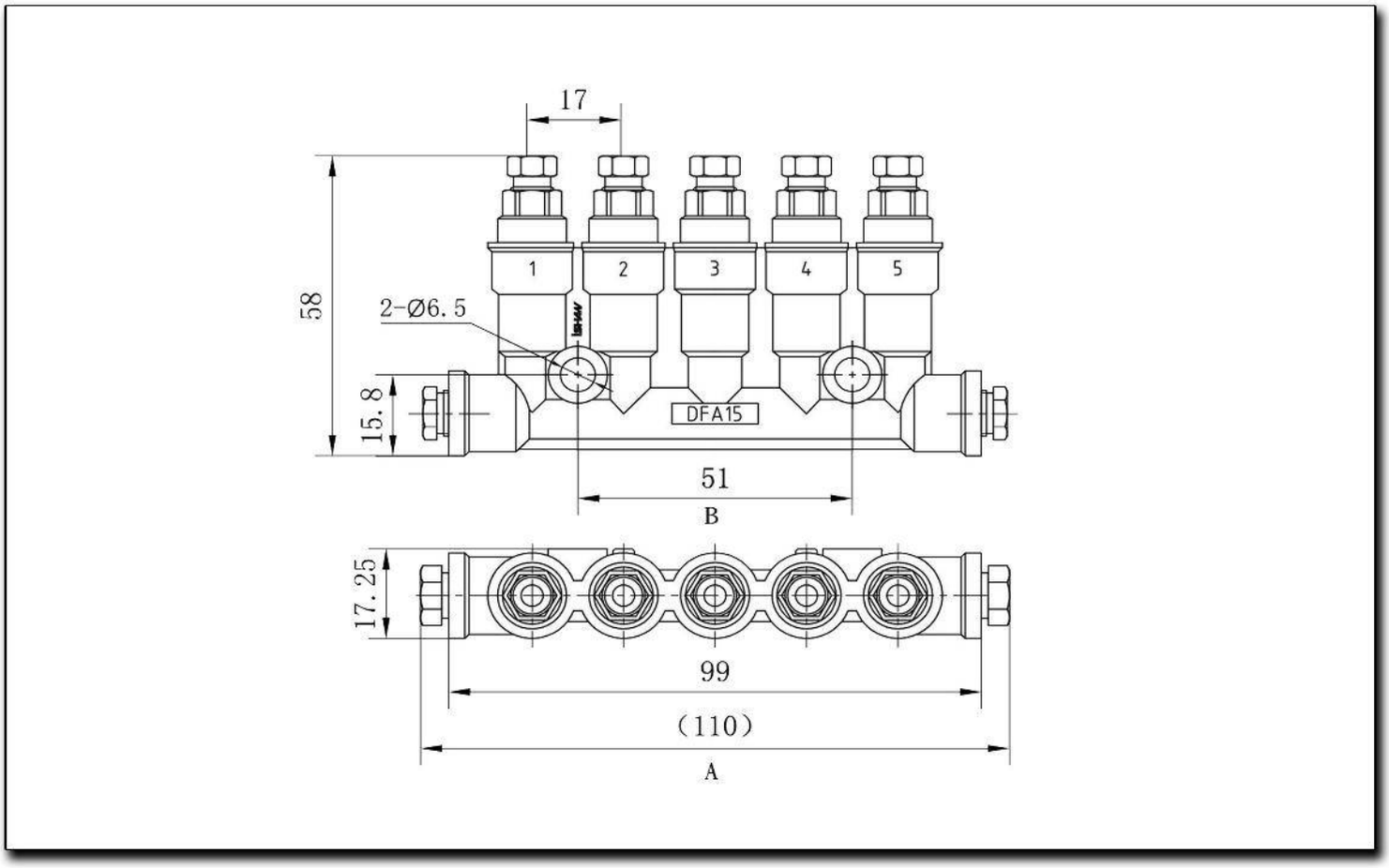
DFA SERIES

MODEL	NUMBER OF OULETS	A	B	METERED VOLUME (c.c.)
DFA12	2	76.00	34.00	0.03 0.06 0.10 0.16
DFA13	3	93.00	17.00	
DFA14	4	96.00	34.00	
DFA15	5	110.00	51.00	
DFA16	6	127.00	68.00	

*** All dimensions are given in millimeters.

ISH DFA14
SM DFA14

PISTON OIL DISTRIBUTORS


17
58
2-Ø6.5
15.8
1
2
3
4
5
DFA15
51
B
17.25
99
(110)
A

Characteristics & Dimensions

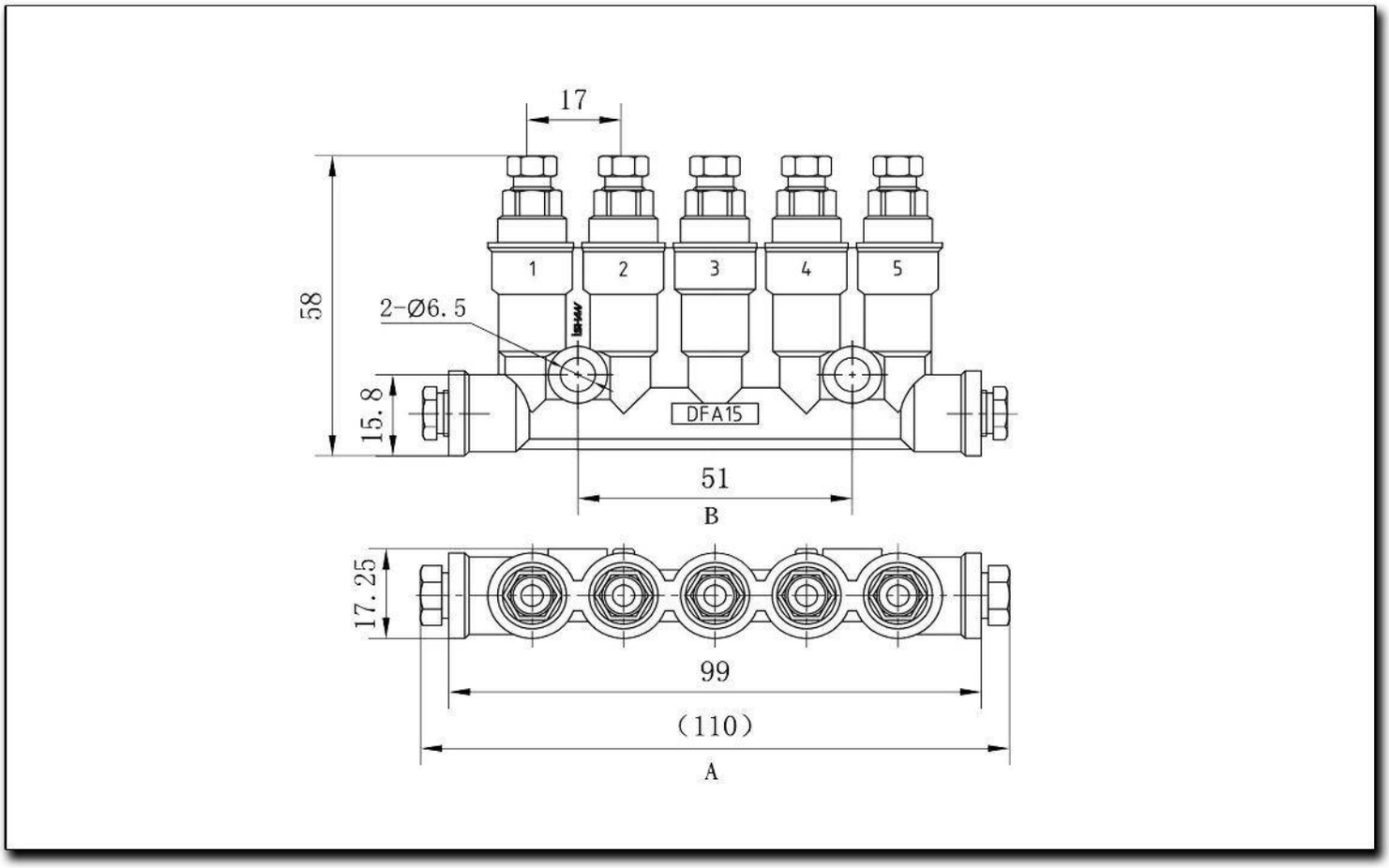
DFA SERIES

MODEL	NUMBER OF OULETS	A	B	METERED VOLUME (c.c.)
DFA12	2	76.00	34.00	0.03 0.06 0.10 0.16
DFA13	3	93.00	17.00	
DFA14	4	96.00	34.00	
DFA15	5	110.00	51.00	
DFA16	6	127.00	68.00	

*** All dimensions are given in millimeters.

ISH DFA15
SM DFA15

PISTON OIL DISTRIBUTORS


17
58
2-Ø6.5
15.8
1
2
3
4
5
DFA15
51
B
17.25
99
(110)
A

Characteristics & Dimensions

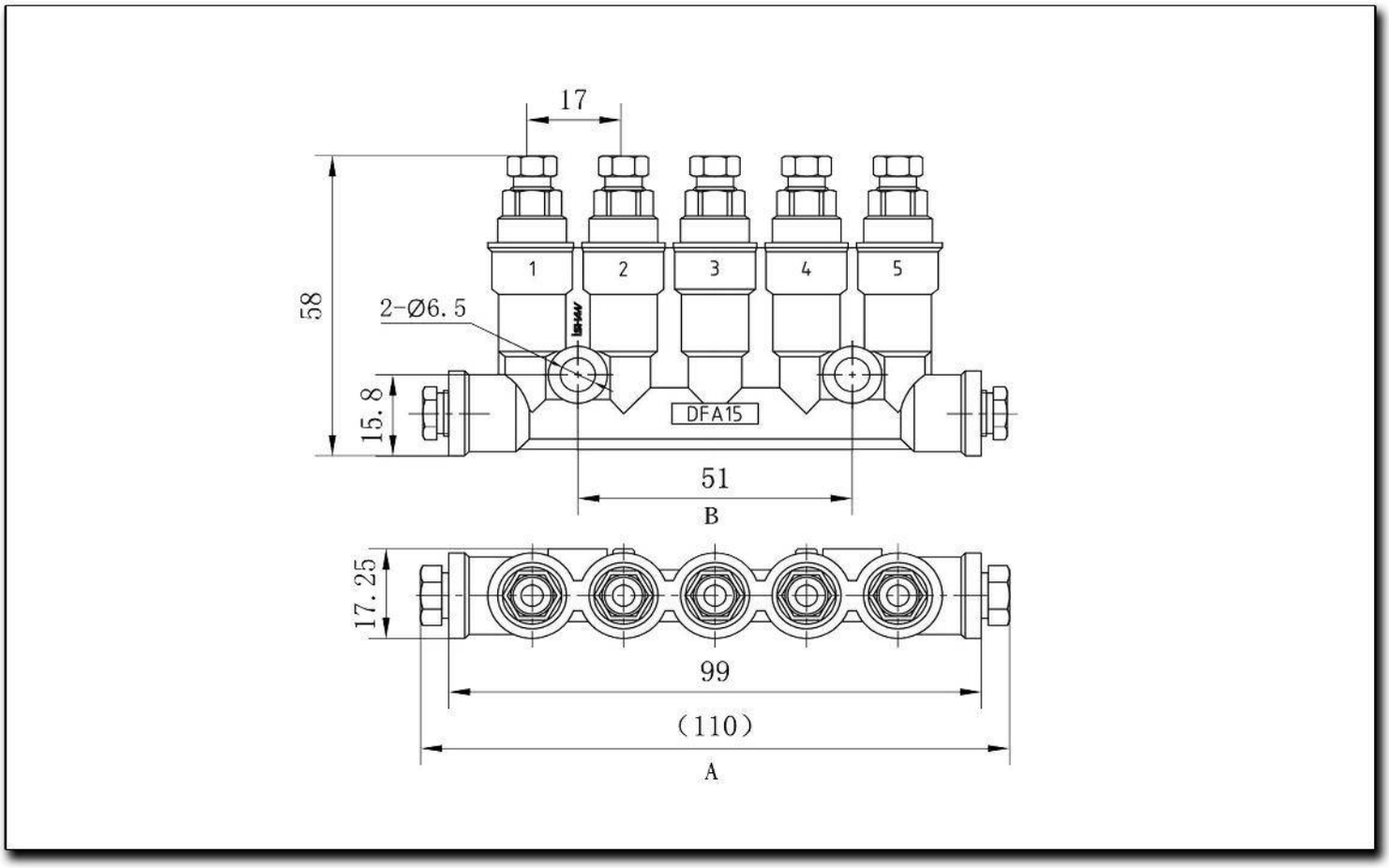
DFA SERIES

MODEL	NUMBER OF OULETS	A	B	METERED VOLUME (c.c.)
DFA12	2	76.00	34.00	0.03 0.06 0.10 0.16
DFA13	3	93.00	17.00	
DFA14	4	96.00	34.00	
DFA15	5	110.00	51.00	
DFA16	6	127.00	68.00	

*** All dimensions are given in millimeters.

ISH DFA16
SM DFA16

PISTON OIL DISTRIBUTORS


17
58
2-Ø6.5
15.8
1
2
3
4
5
DFA15
51
B
17.25
99
(110)
A

Characteristics & Dimensions

DFA SERIES

MODEL	NUMBER OF OULETS	A	B	METERED VOLUME (c.c.)
DFA12	2	76.00	34.00	0.03 0.06 0.10 0.16
DFA13	3	93.00	17.00	
DFA14	4	96.00	34.00	
DFA15	5	110.00	51.00	
DFA16	6	127.00	68.00	

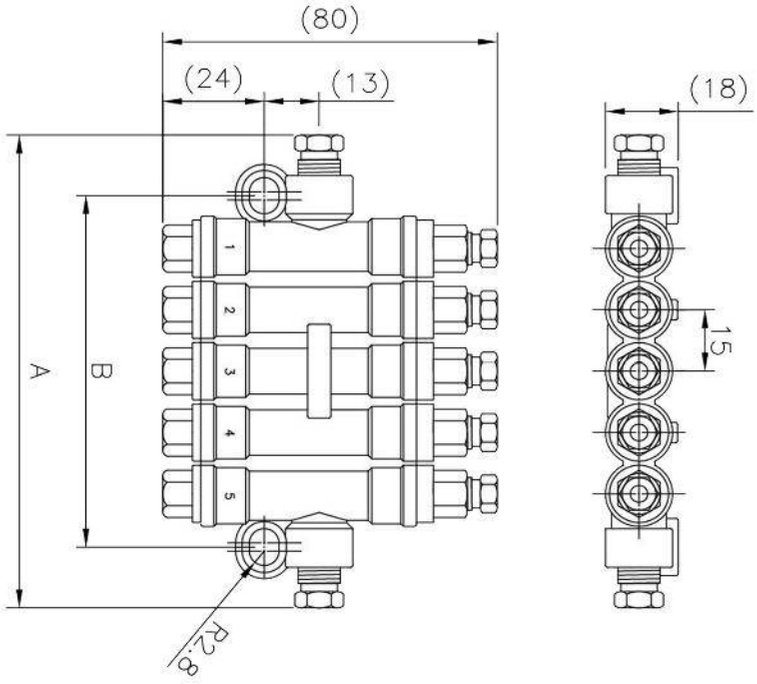
*** All dimensions are given in millimeters.

ISH DG SERIES
SM DG SERIES

GREASE FLOW REGULATORS

ISH DG-0200
SM DG-0200

PISTON GREASE DISTRIBUITORS


(80)
(24)
(13)
(18)
A
B
15
1
2
3
4
5
R2.8

Characteristics & Dimensions

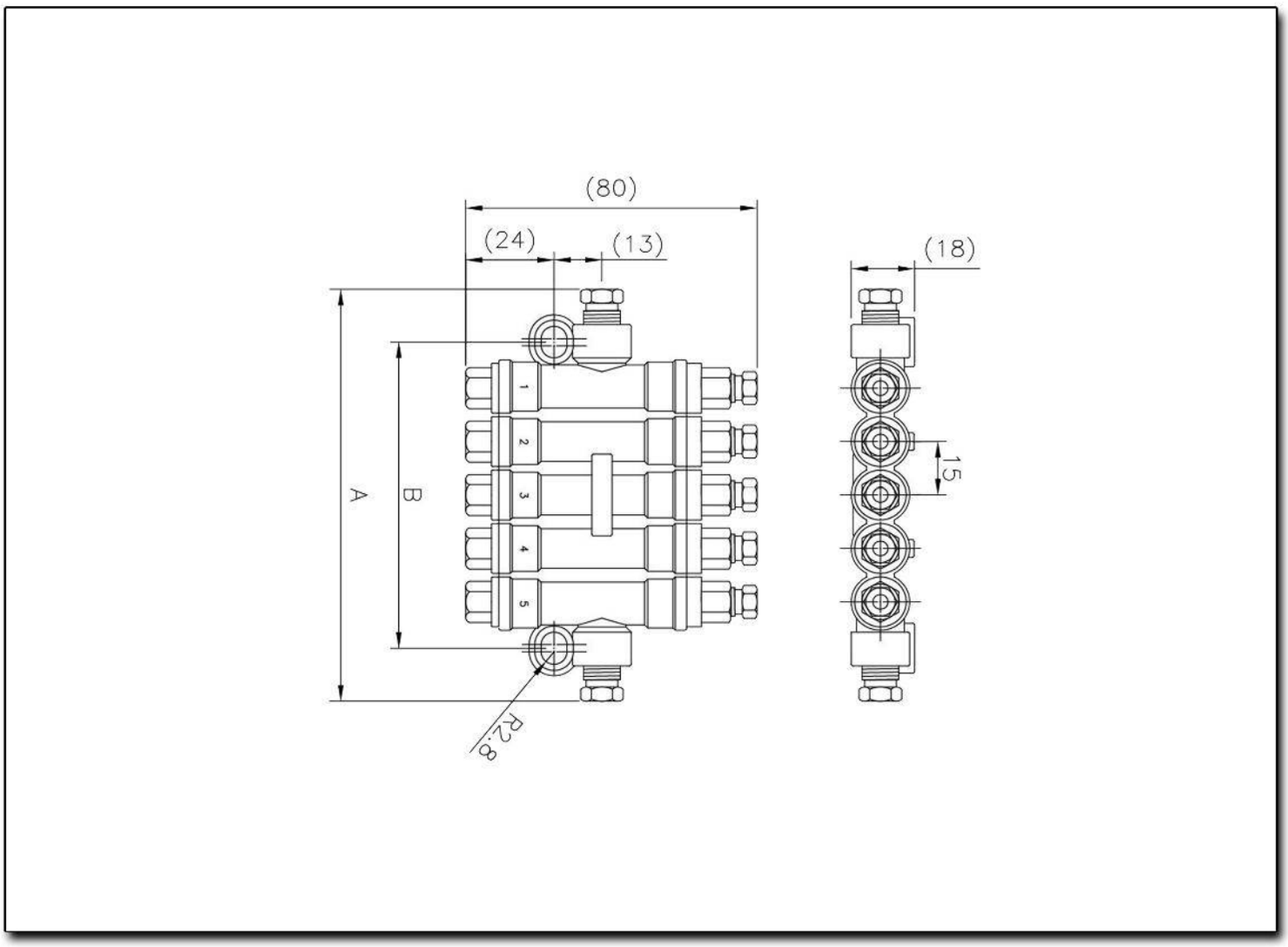
DG SERIES (GREASE PISTON DISTRIBUITORS)

MODEL	NUMBER OF OUTLETS	A	B	METERED VOLUME (c.c.)	WEIGHT (Gr.)
DG-0200	2	75.00	*39.00 ~ 43.00*	*0.30* *0.40* *0.50*	*168.00*
DG-0300	3	90.00	*54.00 ~ 58.00*		*232.00*
DG-0400	4	105.00	*69.00 ~ 73.00*		*299.00*
DG-0500	5	120.00	*84.00 ~ 88.00*		*359.00*
DG-0600	6	135.00	*99.00 ~ 103.00*		*426.00*

**** All dimensions are given in millimeters.*

ISH DG-0300
SM DG-0300

PISTON GREASE DISTRIBUITORS


(80)
(24)
(13)
(18)
A
B
15
R2.8
1
2
3
4
5

Characteristics & Dimensions

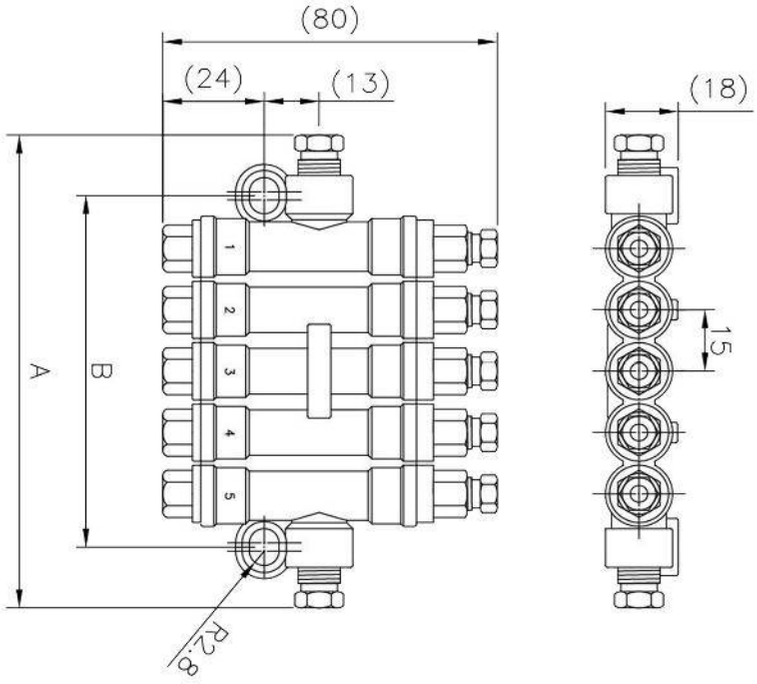
DG SERIES (GREASE PISTON DISTRIBUITORS)

MODEL	NUMBER OF OUTLETS	A	B	METERED VOLUME (c.c.)	WEIGHT (Gr.)
DG-0200	2	75.00	*39.00 ~ 43.00*	*0.30* *0.40* *0.50*	*168.00*
DG-0300	3	90.00	*54.00 ~ 58.00*		*232.00*
DG-0400	4	105.00	*69.00 ~ 73.00*		*299.00*
DG-0500	5	120.00	*84.00 ~ 88.00*		*359.00*
DG-0600	6	135.00	*99.00 ~ 103.00*		*426.00*

**** All dimensions are given in millimeters.*

ISH DG-0400
SM DG-0400

PISTON GREASE DISTRIBUITORS


(80)
(24)
(13)
(18)
A
B
1
2
3
4
5
15
R2.8

Characteristics & Dimensions

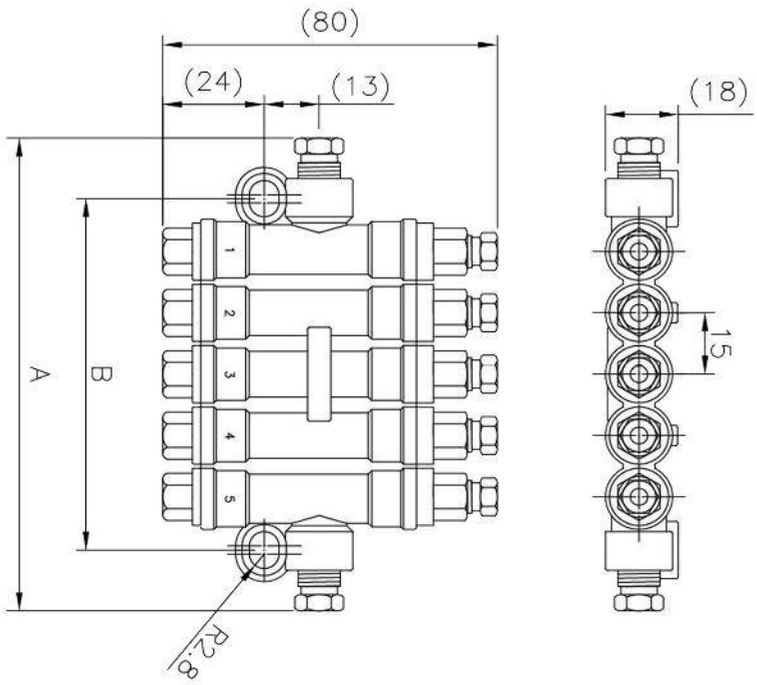
DG SERIES (GREASE PISTON DISTRIBUITORS)

MODEL	NUMBER OF OUTLETS	A	B	METERED VOLUME (c.c.)	WEIGHT (Gr.)
DG-0200	2	75.00	*39.00 ~ 43.00*	*0.30* *0.40* *0.50*	*168.00*
DG-0300	3	90.00	*54.00 ~ 58.00*		*232.00*
DG-0400	4	105.00	*69.00 ~ 73.00*		*299.00*
DG-0500	5	120.00	*84.00 ~ 88.00*		*359.00*
DG-0600	6	135.00	*99.00 ~ 103.00*		*426.00*

**** All dimensions are given in millimeters.*

ISH DG-0500
SM DG-0500

PISTON GREASE DISTRIBUITORS


(80)
(24)
(13)
(18)
A
B
15
1
2
3
4
5
R2.8

Characteristics & Dimensions

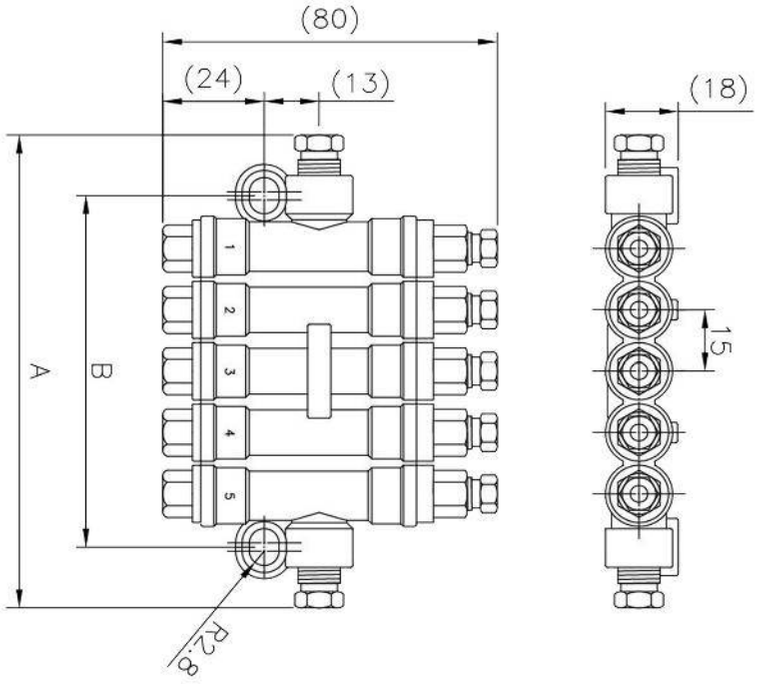
DG SERIES (GREASE PISTON DISTRIBUITORS)

MODEL	NUMBER OF OUTLETS	A	B	METERED VOLUME (c.c.)	WEIGHT (Gr.)
DG-0200	2	75.00	*39.00 ~ 43.00*	*0.30* *0.40* *0.50*	*168.00*
DG-0300	3	90.00	*54.00 ~ 58.00*		*232.00*
DG-0400	4	105.00	*69.00 ~ 73.00*		*299.00*
DG-0500	5	120.00	*84.00 ~ 88.00*		*359.00*
DG-0600	6	135.00	*99.00 ~ 103.00*		*426.00*

**** All dimensions are given in millimeters.*

ISH DG-0600
SM DG-0600

PISTON GREASE DISTRIBUITORS


(80)
(24)
(13)
(18)
A
B
15
1
2
3
4
5
R2.8

Characteristics & Dimensions

DG SERIES (GREASE PISTON DISTRIBUITORS)

MODEL	NUMBER OF OUTLETS	A	B	METERED VOLUME (c.c.)	WEIGHT (Gr.)
DG-0200	2	75.00	*39.00 ~ 43.00*	*0.30* *0.40* *0.50*	*168.00*
DG-0300	3	90.00	*54.00 ~ 58.00*		*232.00*
DG-0400	4	105.00	*69.00 ~ 73.00*		*299.00*
DG-0500	5	120.00	*84.00 ~ 88.00*		*359.00*
DG-0600	6	135.00	*99.00 ~ 103.00*		*426.00*

**** All dimensions are given in millimeters.*

ISH DM3 SERIES
SM DM3 SERIES

GREASE FLOW REGULATORS

ISH DM3-0000-03
SM DM3-0000-03

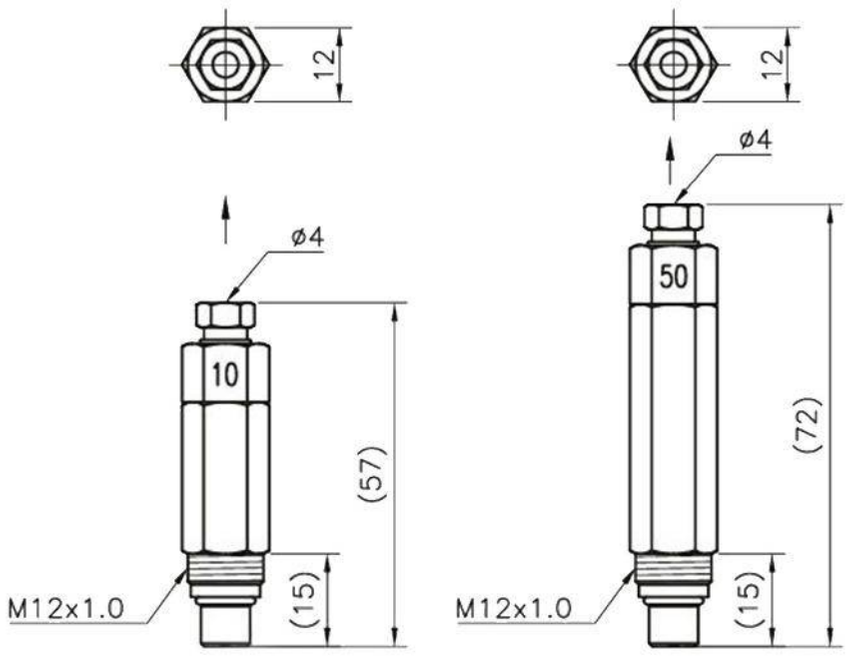
GREASE FLOW REGULATOR

Characteristics & Dimensions

DMV SERIES

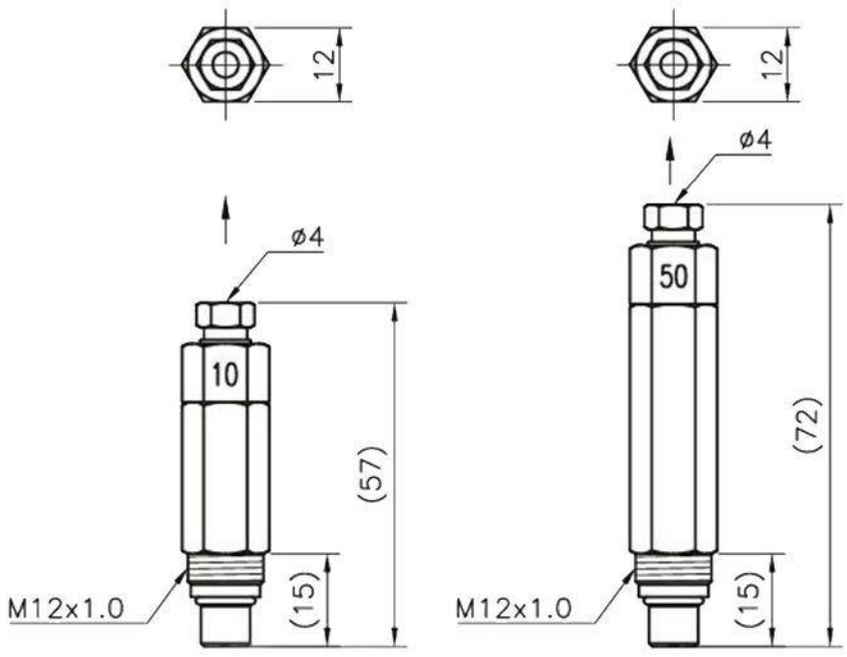
MODEL	NUMBER OF OUTLETS	A	B	METERED VOLUME (c.c./stroke)
DMV-0100	1	33.00	22.00	0.03 0.05 0.10 0.20 0.30 0.50
DMV-0200	2	49.00	38.00	
DMV-0300	3	65.00	54.00	
DMV-0400	4	81.00	70.00	
DMV-0500	5	97.00	86.00	
DMV-0600	6	113.00	102.00	

*** Meteret volume is determined by c.c./stroke.
**** All dimensions are given in millimeters.


12
ø4
10
(57)
(15)
M12x1.0
12
ø4
50
(72)
(15)
M12x1.0

ISH DM3-0000-05
SM DM3-0000-05

GREASE FLOW REGULATOR


12
ø4
10
(57)
(15)
M12x1.0
12
ø4
50
(72)
(15)
M12x1.0

Characteristics & Dimensions

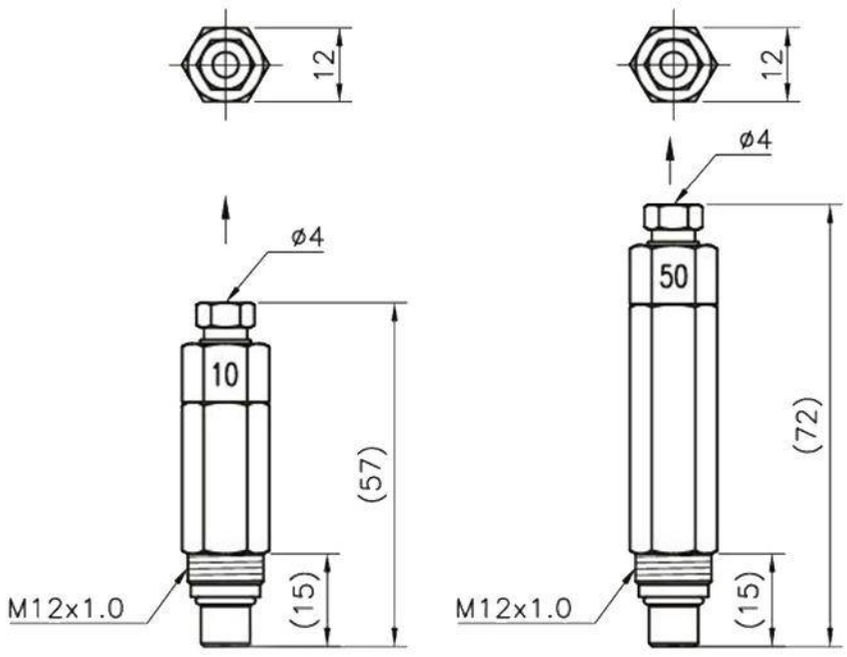
DMV SERIES

MODEL	NUMBER OF OUTLETS	A	B	METERED VOLUME (c.c./stroke)
DMV-0100	1	33.00	22.00	0.03 0.05 0.10 0.20 0.30 0.50
DMV-0200	2	49.00	38.00	
DMV-0300	3	65.00	54.00	
DMV-0400	4	81.00	70.00	
DMV-0500	5	97.00	86.00	
DMV-0600	6	113.00	102.00	

*** Meteret volume is determined by c.c./stroke.
**** All dimensions are given in millimeters.

ISH DM3-0000-10
SM DM3-0000-10

GREASE FLOW REGULATOR


12
ø4
10
(57)
(15)
M12x1.0
12
ø4
50
(72)
(15)
M12x1.0

Characteristics & Dimensions

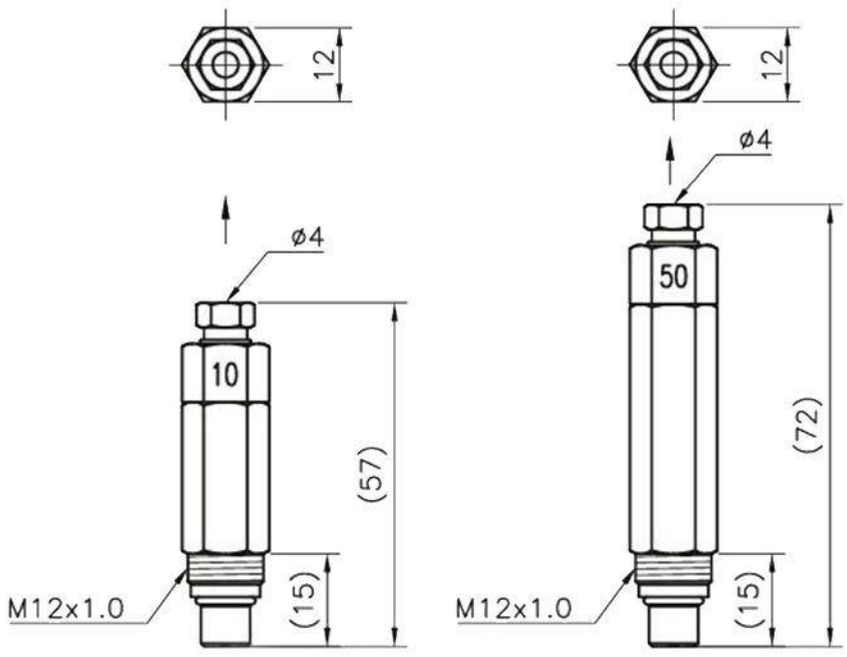
DMV SERIES

MODEL	NUMBER OF OUTLETS	A	B	METERED VOLUME (c.c./stroke)
DMV-0100	1	33.00	22.00	0.03 0.05 0.10 0.20 0.30 0.50
DMV-0200	2	49.00	38.00	
DMV-0300	3	65.00	54.00	
DMV-0400	4	81.00	70.00	
DMV-0500	5	97.00	86.00	
DMV-0600	6	113.00	102.00	

*** Meteret volume is determined by c.c./stroke.
**** All dimensions are given in millimeters.

ISH DM3-0000-20
SM DM3-0000-20

GREASE FLOW REGULATOR


12
ø4
10
(57)
(15)
M12x1.0
12
ø4
50
(72)
(15)
M12x1.0

Characteristics & Dimensions

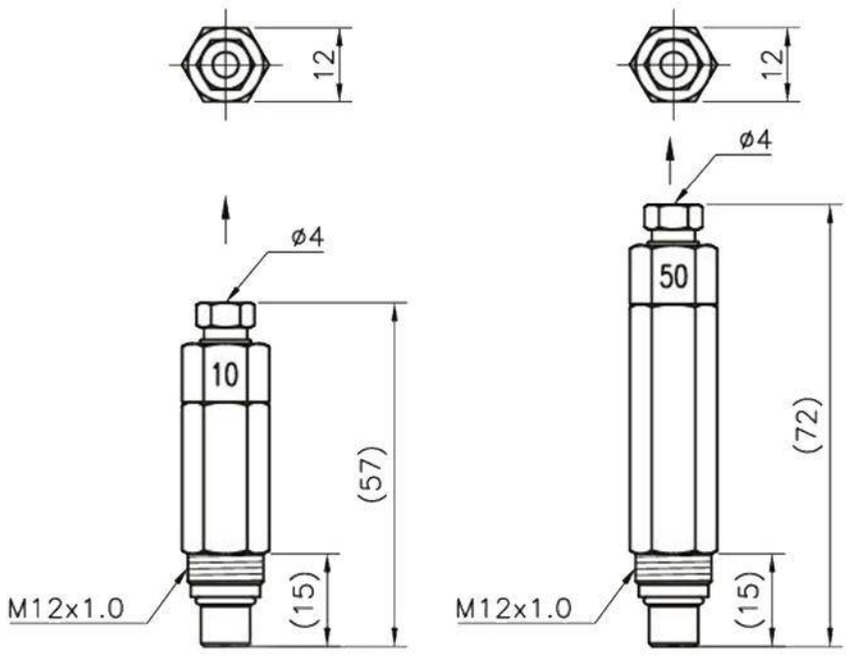
DMV SERIES

MODEL	NUMBER OF OUTLETS	A	B	METERED VOLUME (c.c./stroke)
DMV-0100	1	33.00	22.00	0.03 0.05 0.10 0.20 0.30 0.50
DMV-0200	2	49.00	38.00	
DMV-0300	3	65.00	54.00	
DMV-0400	4	81.00	70.00	
DMV-0500	5	97.00	86.00	
DMV-0600	6	113.00	102.00	

*** Meteret volume is determined by c.c./stroke.
**** All dimensions are given in millimeters.

ISH DM3-0000-30
SM DM3-0000-30

GREASE FLOW REGULATOR


12
ø4
10
(57)
(15)
M12x1.0
12
ø4
50
(72)
(15)
M12x1.0

Characteristics & Dimensions

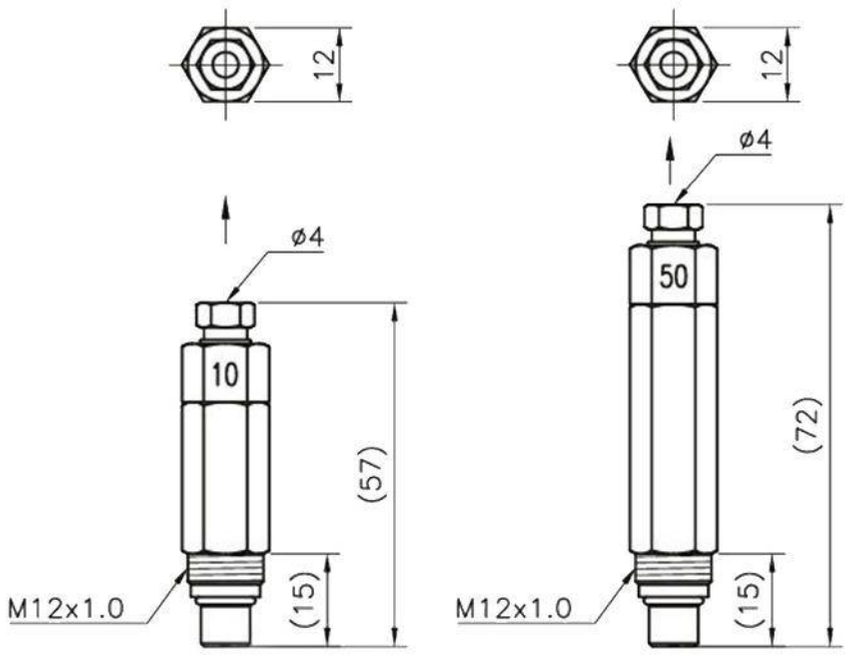
DMV SERIES

MODEL	NUMBER OF OUTLETS	A	B	METERED VOLUME (c.c./stroke)
DMV-0100	1	33.00	22.00	0.03 0.05 0.10 0.20 0.30 0.50
DMV-0200	2	49.00	38.00	
DMV-0300	3	65.00	54.00	
DMV-0400	4	81.00	70.00	
DMV-0500	5	97.00	86.00	
DMV-0600	6	113.00	102.00	

*** Meteret volume is determined by c.c./stroke.
**** All dimensions are given in millimeters.

ISH DM3-0000-50
SM DM3-0000-50

GREASE FLOW REGULATOR


12
ø4
10
(57)
(15)
M12x1.0
12
ø4
50
(72)
(15)
M12x1.0

Characteristics & Dimensions

DMV SERIES

MODEL	NUMBER OF OUTLETS	A	B	METERED VOLUME (c.c./stroke)
DMV-0100	1	33.00	22.00	0.03 0.05 0.10 0.20 0.30 0.50
DMV-0200	2	49.00	38.00	
DMV-0300	3	65.00	54.00	
DMV-0400	4	81.00	70.00	
DMV-0500	5	97.00	86.00	
DMV-0600	6	113.00	102.00	

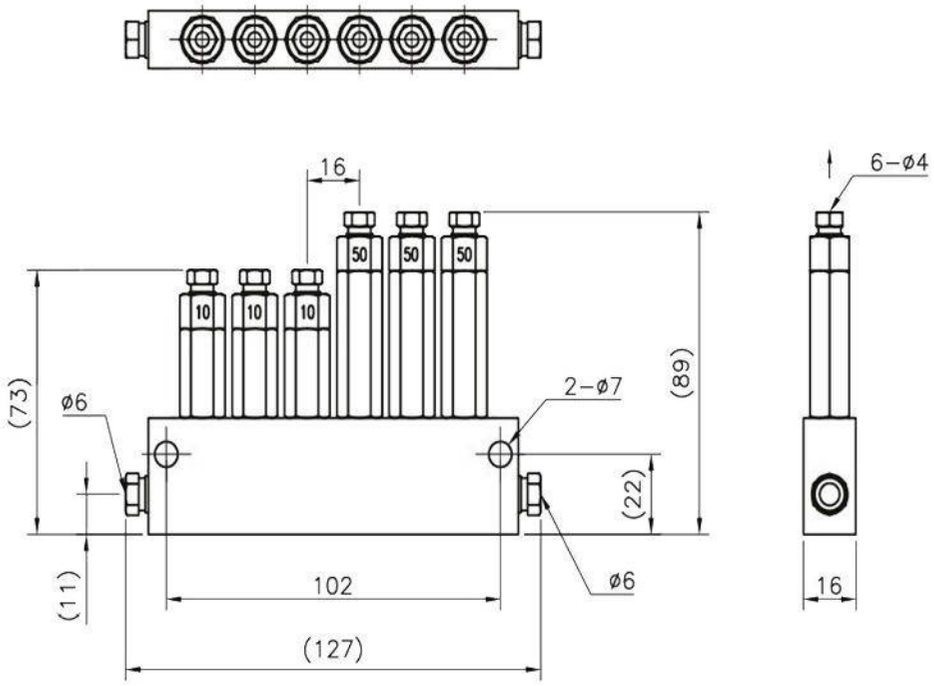
*** Meteret volume is determined by c.c./stroke.
**** All dimensions are given in millimeters.

ISH DMV SERIES
SM DMV SERIES

PISTON-MOUNTED GREASE DISTRIBUTORS

ISH DMV-0100
SM DMV-0100

GREASE PISTON DISTRIBUITORS


16
50
50
50
10
10
10
(73)
ø6
2-ø7
(89)
(22)
(11)
102
ø6
(127)
6-ø4
16

Characteristics & Dimensions

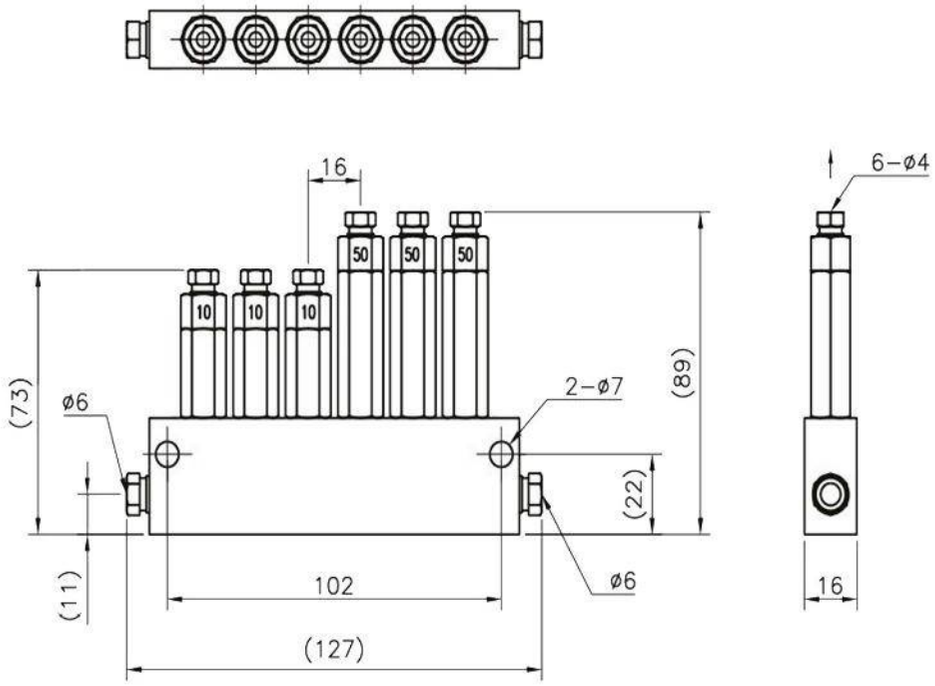
DMV SERIES

MODEL	NUMBER OF OUTLETS	A	B	METERED VOLUME (c.c./stroke)
DMV-0100	1	33.00	22.00	0.03 0.05 0.10 0.20 0.30 0.50
DMV-0200	2	49.00	38.00	
DMV-0300	3	65.00	54.00	
DMV-0400	4	81.00	70.00	
DMV-0500	5	97.00	86.00	
DMV-0600	6	113.00	102.00	

*** Meteret volume is determined by c.c./stroke.
**** All dimensions are given in millimeters.

ISH DMV-0200
SM DMV-0200

GREASE PISTON DISTRIBUITORS


16
50
50
50
10
10
10
(73)
ø6
2-ø7
(89)
(22)
(11)
102
ø6
(127)
6-ø4
16

Characteristics & Dimensions

DMV SERIES

MODEL	NUMBER OF OUTLETS	A	B	METERED VOLUME (c.c./stroke)
DMV-0100	1	33.00	22.00	0.03 0.05 0.10 0.20 0.30 0.50
DMV-0200	2	49.00	38.00	
DMV-0300	3	65.00	54.00	
DMV-0400	4	81.00	70.00	
DMV-0500	5	97.00	86.00	
DMV-0600	6	113.00	102.00	

*** Meteret volume is determined by c.c./stroke.
**** All dimensions are given in millimeters.

ISH DMV-0300
SM DMV-0300

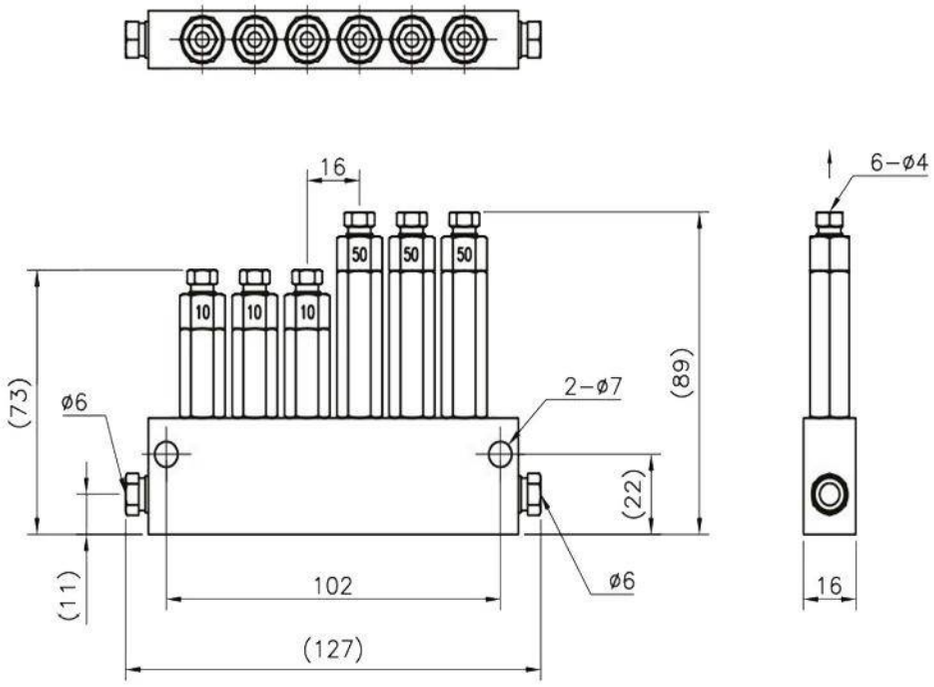
GREASE PISTON DISTRIBUITORS

Characteristics & Dimensions

DMV SERIES

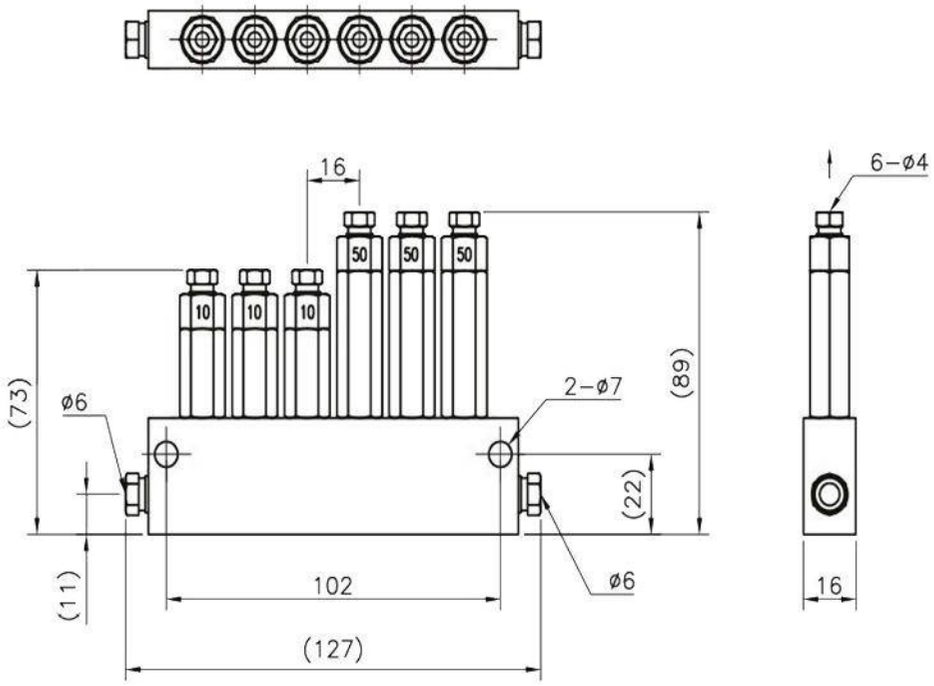
MODEL	NUMBER OF OUTLETS	A	B	METERED VOLUME (c.c./stroke)
DMV-0100	1	33.00	22.00	0.03 0.05 0.10 0.20 0.30 0.50
DMV-0200	2	49.00	38.00	
DMV-0300	3	65.00	54.00	
DMV-0400	4	81.00	70.00	
DMV-0500	5	97.00	86.00	
DMV-0600	6	113.00	102.00	

*** Meteret volume is determined by c.c./stroke.
**** All dimensions are given in millimeters.


16
50
50
50
10
10
10
(73)
ø6
2-ø7
(89)
(22)
(11)
102
ø6
(127)
6-ø4
16

ISH DMV-0400
SM DMV-0400

GREASE PISTON DISTRIBUITORS


16
50
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50
10
10
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(73)
ø6
2-ø7
(89)
(22)
(11)
102
ø6
(127)
6-ø4
16

Characteristics & Dimensions

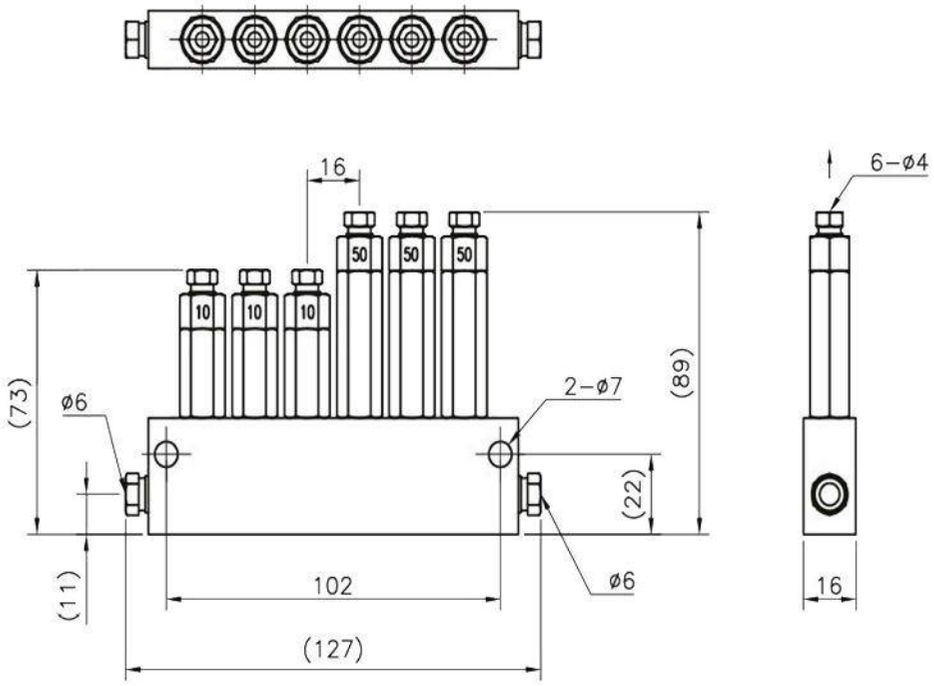
DMV SERIES

MODEL	NUMBER OF OUTLETS	A	B	METERED VOLUME (c.c./stroke)
DMV-0100	1	33.00	22.00	0.03 0.05 0.10 0.20 0.30 0.50
DMV-0200	2	49.00	38.00	
DMV-0300	3	65.00	54.00	
DMV-0400	4	81.00	70.00	
DMV-0500	5	97.00	86.00	
DMV-0600	6	113.00	102.00	

*** Meteret volume is determined by c.c./stroke.
**** All dimensions are given in millimeters.

ISH DMV-0500
SM DMV-0500

GREASE PISTON DISTRIBUITORS


16
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50
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10
10
(73)
ø6
2-ø7
(89)
(22)
(11)
102
ø6
(127)
6-ø4
16

Characteristics & Dimensions

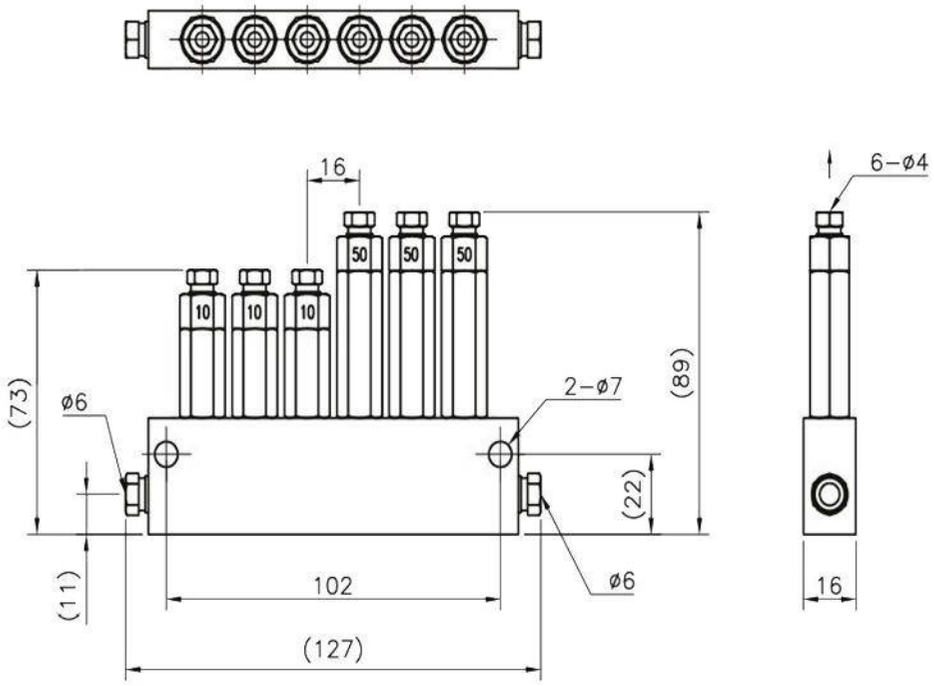
DMV SERIES

MODEL	NUMBER OF OUTLETS	A	B	METERED VOLUME (c.c./stroke)
DMV-0100	1	33.00	22.00	0.03 0.05 0.10 0.20 0.30 0.50
DMV-0200	2	49.00	38.00	
DMV-0300	3	65.00	54.00	
DMV-0400	4	81.00	70.00	
DMV-0500	5	97.00	86.00	
DMV-0600	6	113.00	102.00	

*** Meteret volume is determined by c.c./stroke.
**** All dimensions are given in millimeters.

ISH DMV-0600
SM DMV-0600

GREASE PISTON DISTRIBUITORS


16
50
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50
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10
10
(73)
ø6
2-ø7
(89)
(22)
(11)
102
ø6
(127)
6-ø4
16

Characteristics & Dimensions

DMV SERIES

MODEL	NUMBER OF OUTLETS	A	B	METERED VOLUME (c.c./stroke)
DMV-0100	1	33.00	22.00	0.03 0.05 0.10 0.20 0.30 0.50
DMV-0200	2	49.00	38.00	
DMV-0300	3	65.00	54.00	
DMV-0400	4	81.00	70.00	
DMV-0500	5	97.00	86.00	
DMV-0600	6	113.00	102.00	

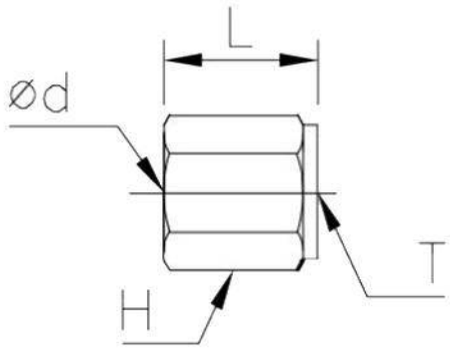
*** Meteret volume is determined by c.c./stroke.
**** All dimensions are given in millimeters.

ISH DP SERIES
SM DP SERIES

COMPRESSION NUT

ISH DP
SM DP

COMPRESION NUT


L
Ød
T
H

Characteristics & Dimensions

MODEL	OUTPUT BORE	Ød	D	L	H	WEIGHT (gr)
DP04	*Ø4*	*4.05*	*13.00*	*M8 x 1.00*	*10.00*	*3.00*

**** All dimensions are given in millimeters.

ISH DPB SERIES
SM DPB SERIES

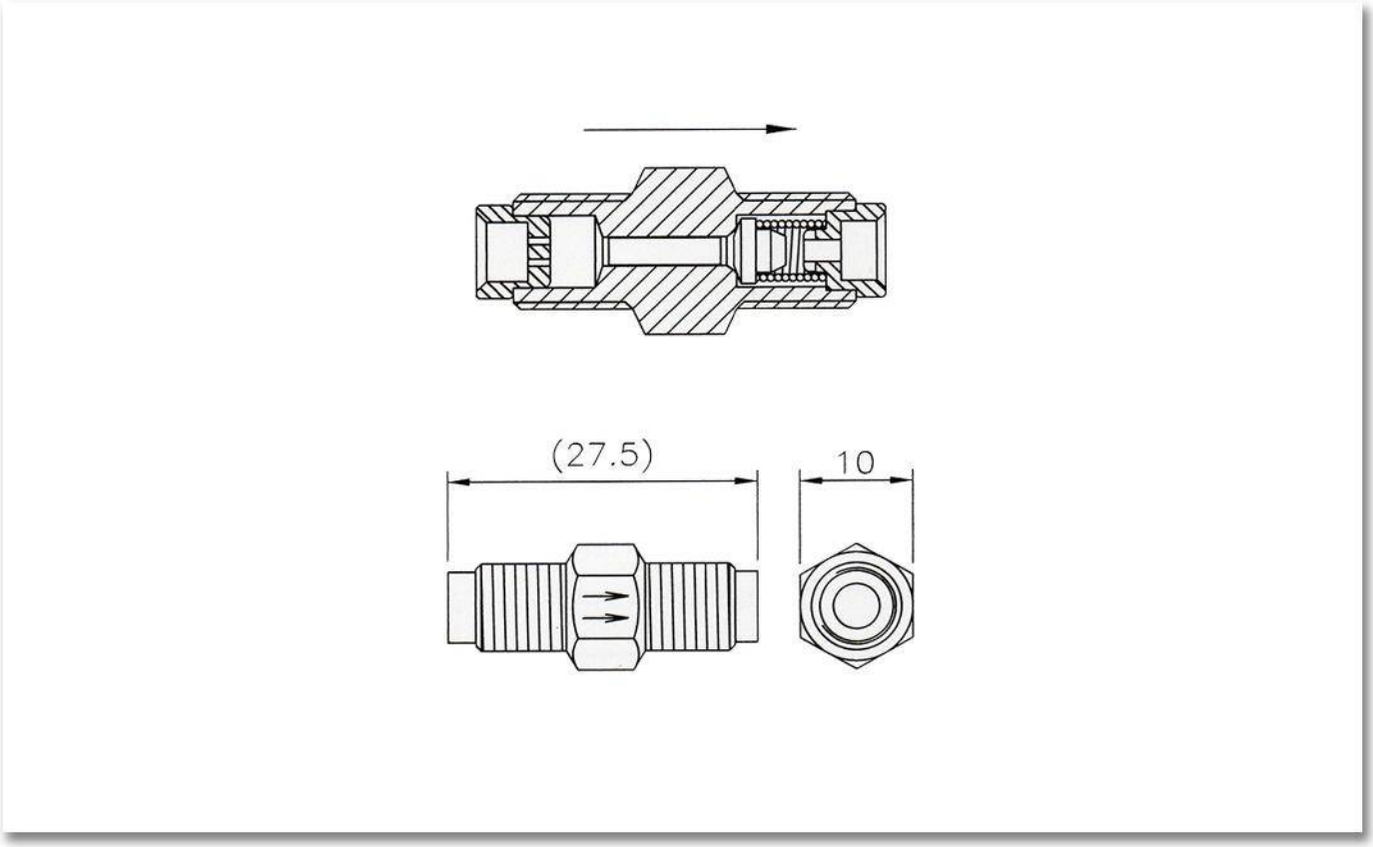
IN-LINE FLOW PRESSURE DISTRIBUTORS

ISH DPB SERIES
SM DPB SERIES

PROPORTIONAL DEVICES

Input: M8 x 1.0

Output: M8 x 1.0


(27.5)
10

Characteristics & Dimensions

ISH DPB SERIES

INPUT DIAMETER	OUTPUT DIAMETER
M8 x 1.0	M8 x 1.0
Model	**Oil Flow Rate**
ISH DPB-1	*1.00*
ISH DPB-2	*2.00*
ISH DPB-3	*3.00*
ISH DPB-4	*4.00*
ISH DPB-5	*5.00*
Working Pressure	*0.20 ~ 2.00 Mpa (2.00 ~ 20.00 Kgf/cm²)*
Oil Viscocity	*20.00 ~ 500.00 cSt.*
Total Lenght	*25.50*
Total Width	*10.00*
Total Device Weight	*11.00 gr.*

*** The flow should be multiplied by the serial number sequence.*
**** More models available for selection, please ask.*
***** All dimensions are given in millimeters.*

ISH DPS SERIES
SM DPS SERIES

PROPORTIONAL DEVICES

ISH DPS SERIES
SM DPS SERIES

PROPORTIONAL DEVICES

Input: M8 x 1.0
Output: 1/8 PT

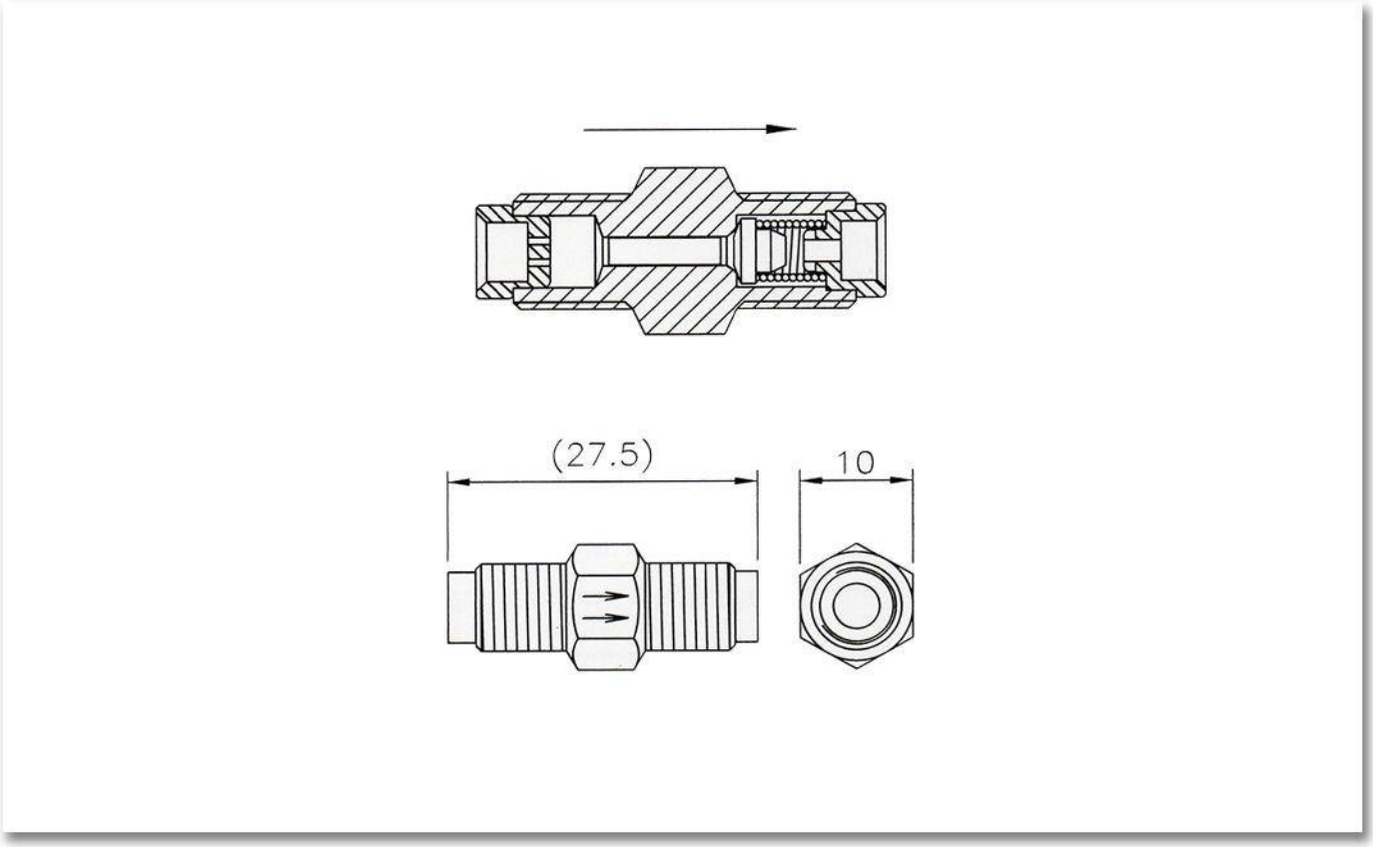
Characteristics & Dimensions

ISH DPS SERIES

INPUT DIAMETER	OUTPUT DIAMETER
M8 x 1.0	1/8 PT

Model	Oil Flow Rate
ISH DPS-1	*1.00*
ISH DPS-2	*2.00*
ISH DPS-3	*3.00*
ISH DPS-4	*4.00*
ISH DPS-5	*5.00*
Working Pressure	*0.20 ~ 2.00 Mpa (2.00 ~ 20.00 Kgf/cm²)*
Oil Viscocity	*20.00 ~ 500.00 cSt.*
Total Lenght	*25.50*
Total Width	*10.00*
Total Device Weight	*11.00 gr.*

*** The flow should be multiplied by the serial number sequence.*
**** More models available for selection, please ask.*
***** All dimensions are given in millimeters.*


(27.5)
10

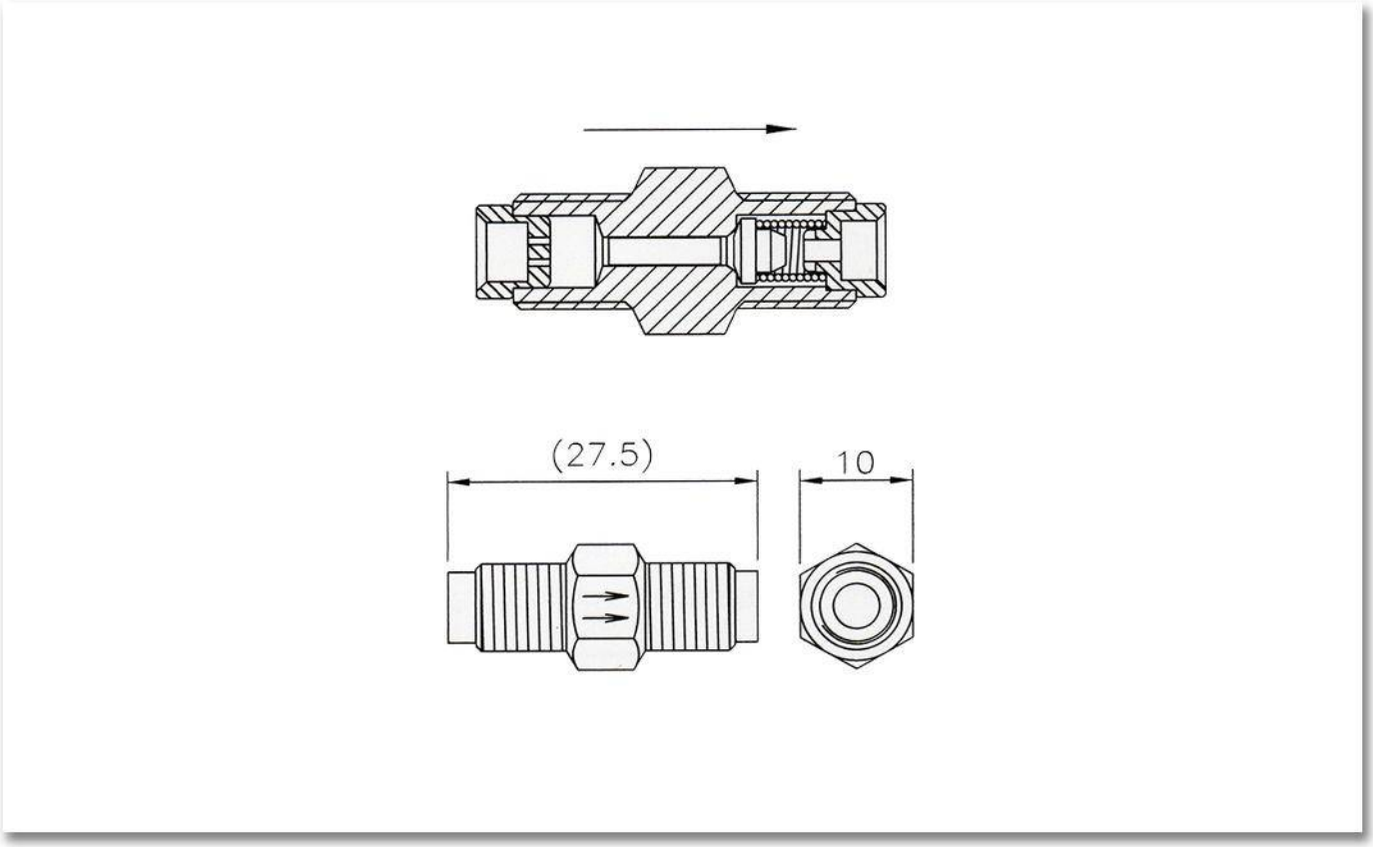
ISH DPT SERIES
SM DPT SERIES

PROPORTIONAL DEVICES

ISH DPT SERIES
SM DPT SERIES

PROPORTIONAL DEVICES

INPUT: M8 x 1.0
OUTPUT: 1/8 PT


(27.5)
10

Characteristics & Dimensions

ISH DPT SERIES	
INPUT DIAMETER	**OUTPUT DIAMETER**
M8 x 1.0	1/8 PT
MODEL	**LUBRICANT FLOW RATE**
ISH DPT-1	*1*
ISH DPT-2	*2*
ISH DPT-3	*3*
ISH DPT-4	*4*
ISH DPT-5	*5*
Working Pressure	*0.2 ~ 2 Mpa (2 ~ 20 Kgf/cm²)*
Oil Viscocity	*20 ~ 500 cSt.*
Total Lenght	*25.5*
Total Width	*10*
Device Total Weight	*11 gr.*

*** The flow must be multiplied by the serial number sequence.*
**** More DSM models are available. Please send your inquiry.*
***** All dimensions are given in millimeters.*

ISH DPV SERIES
SM DPV SERIES

PROPORTIONAL DEVICES

ISH DPV SERIES
SM DPV SERIES

PROPORTIONAL DEVICES

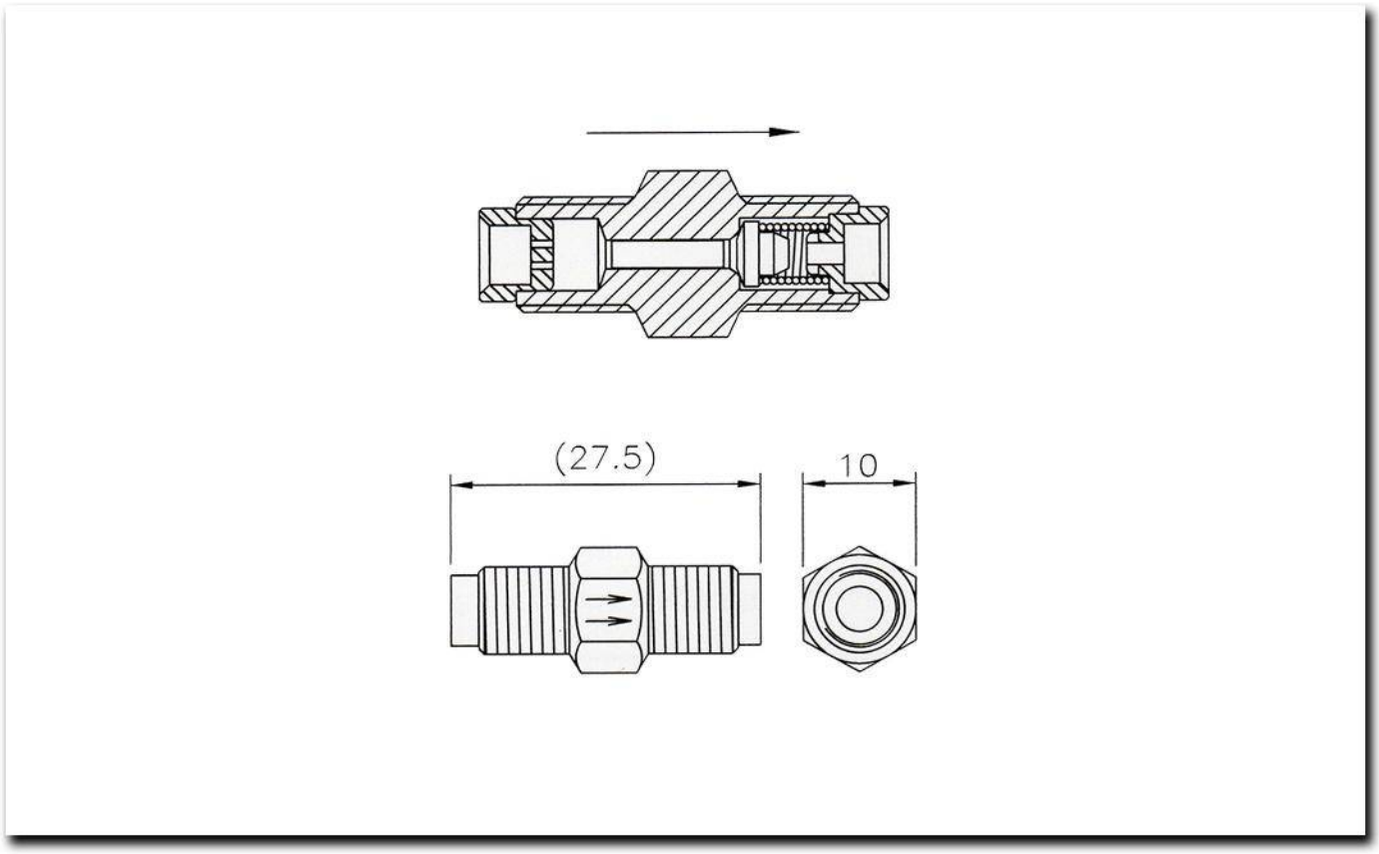
INPUT: M8 x 1.0

OUTPUT: M8 x 1.0

Characteristics & Dimensions

ISH DPV SERIES	
INPUT DIAMETER	**OUTPUT DIAMETER**
M8 x 1.0	M8 x 1.0
MODEL	**LUBRICANT FLOW RATE**
ISH DPV-1	*1*
ISH DPV-2	*2*
ISH DPV-3	*3*
ISH DPV-4	*4*
ISH DPV-5	*5*
Working Pressure	*0.2 ~ 2 Mpa (2 ~ 20 Kgf/cm²)*
Oil Viscocity	*20 ~ 500 cSt.*
Total Lenght	*25.5*
Total Width	*10*
Device Total Weight	*11 gr.*

** The flow must be multiplied by the serial number sequence.
*** More DSM models are available. Please send your inquiry.
**** All dimensions are given in millimeters.


(27.5)
10

ISH DSM SERIES
SM DSM SERIES

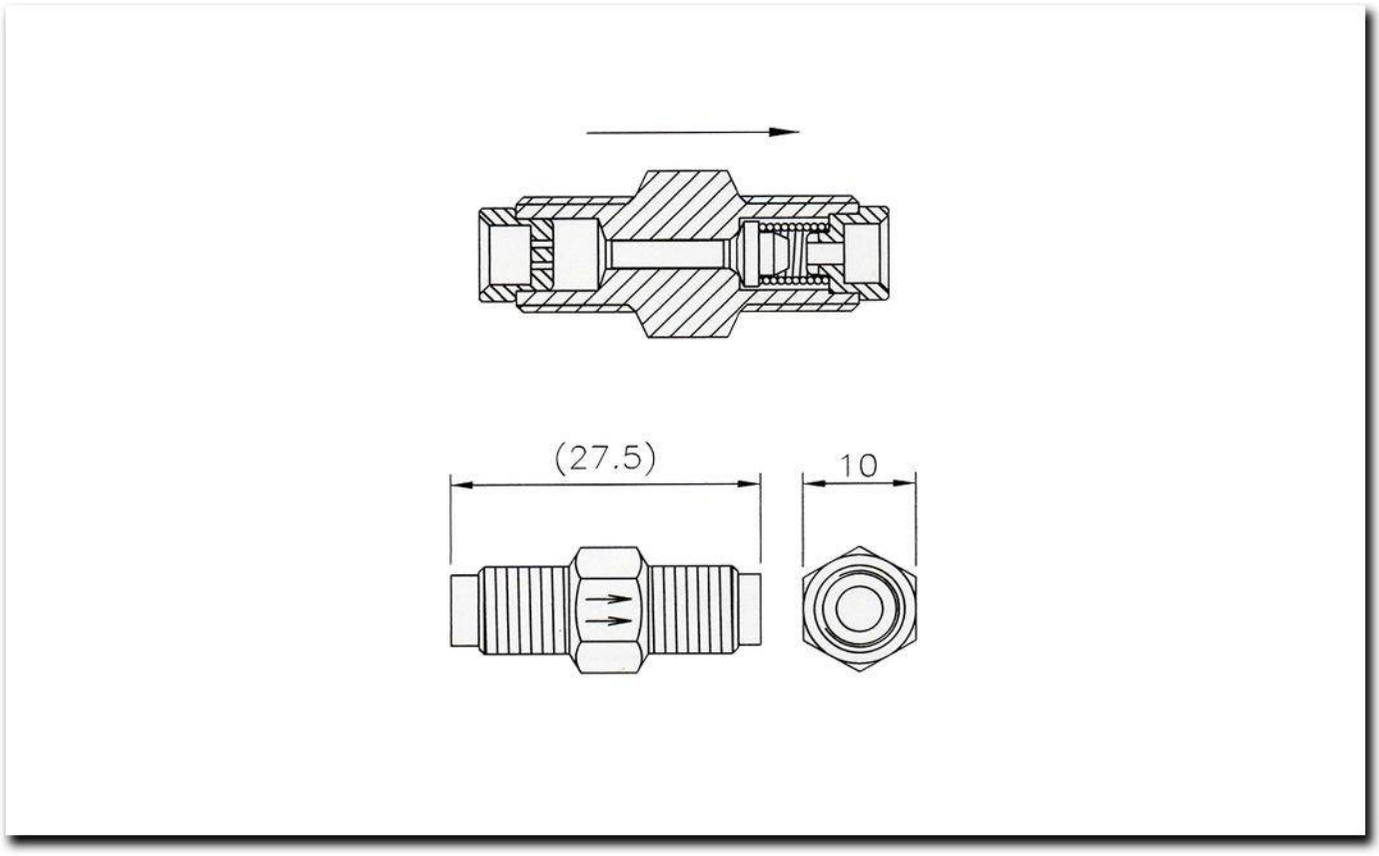
PROPORTIONAL DEVICES

ISH DSM SERIES
SM DSM SERIES

PROPORTIONAL DEVICES

INPUT: M8 x 1.0

OUTPUT: M8 x 1.0


(27.5)
10

Characteristics & Dimensions

ISH DSM SERIES	
INPUT DIAMETER	**OUTPUT DIAMETER**
5/16 - 24	5/16 - 24
MODEL	**LUBRICANT FLOW RATE**
ISH DSM-000	*000*
ISH DSM-00	*00*
ISH DSM-0	*0*
ISH DSM-1	*1*
ISH DSM-2	*2*
ISH DSM-3	*3*
ISH DSM-4	*4*
ISH DSM-5	*5*
Working Pressure	*0.2 ~ 2 Mpa (2 ~ 20 Kgf/cm²)*
Oil Viscocity	*20 ~ 500 cSt.*
Total Lenght	*25.5*
Total Width	*10*
Device Total Weight	*11 gr.*

*** The flow must be multiplied by the serial number sequence.*
**** More DSM models are available. Please send your inquiry.*
***** All dimensions are given in millimeters.*

ISH DSM-M SERIES
SM DSM-M SERIES

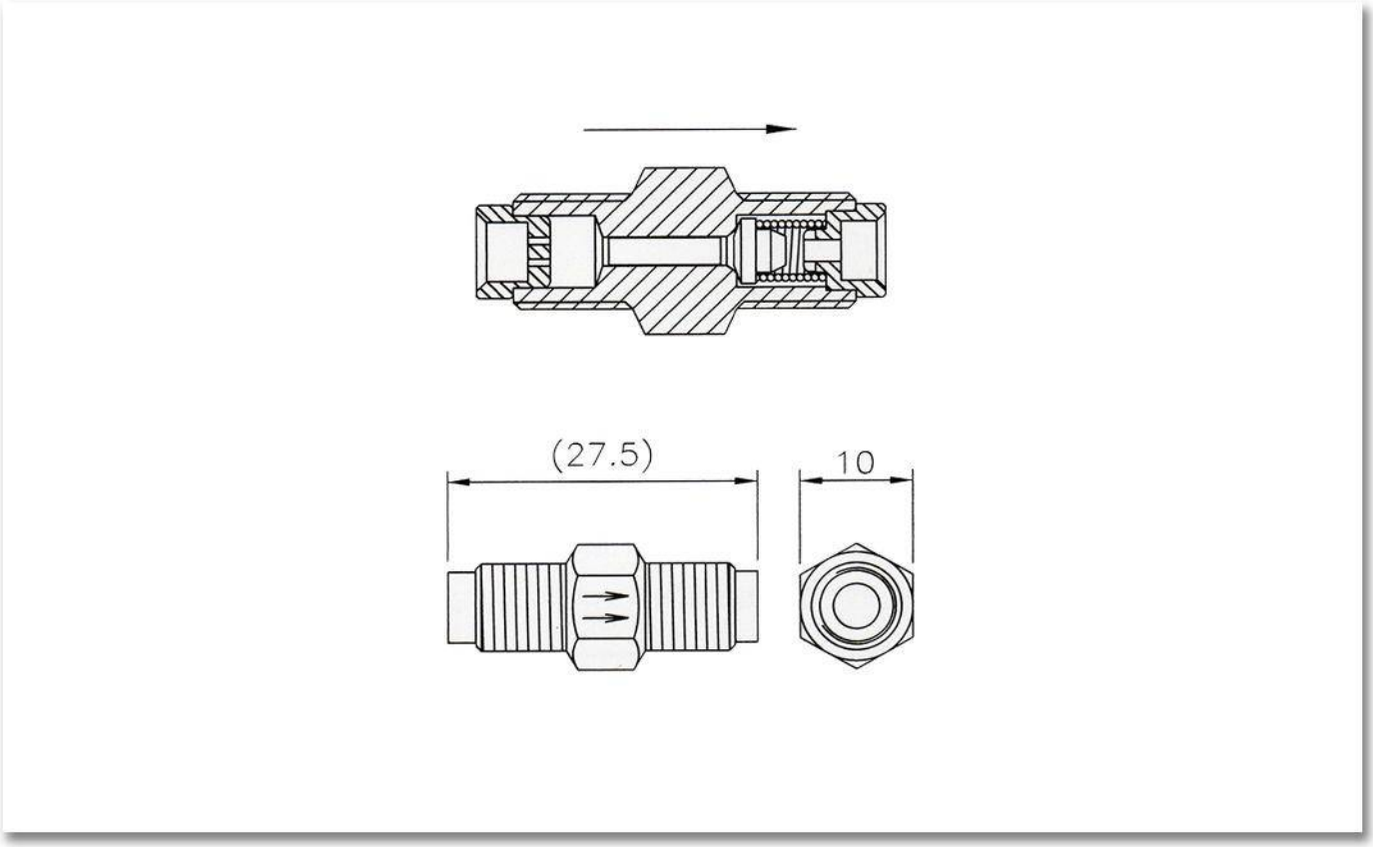
PROPORTIONAL DEVICES

ISH DSM-M SERIES
SM DSM-M SERIES

PROPORTIONAL DEVICES

INPUT: M8 x 1.0

OUTPUT: M8 x 1.0


(27.5)
10

Characteristics & Dimensions

ISH DSM-M SERIES	
INPUT DIAMETER	**OUTPUT DIAMETER**
M8 x 1.0	M8 x 1.0
MODEL	**LUBRICANT FLOW RATE**
-	*000*
ISH DSM-00M	*00*
ISH DSM-0M	*0*
ISH DSM-1M	*1*
ISH DSM-2M	*2*
ISH DSM-3M	*3*
ISH DSM-4M	*4*
ISH DSM-5M	*5*
Working Pressure	*0.2 ~ 2 Mpa (2 ~ 20 Kgf/cm²)*
Oil Viscocity	*20 ~ 500 cSt.*
Total Lenght	*25.5*
Total Width	*10*
Device Total Weight	*11 gr.*

*** The flow must be multiplied by the serial number sequence.*
**** More DSM models are available. Please send your inquiry.*
***** All dimensions are given in millimeters.*

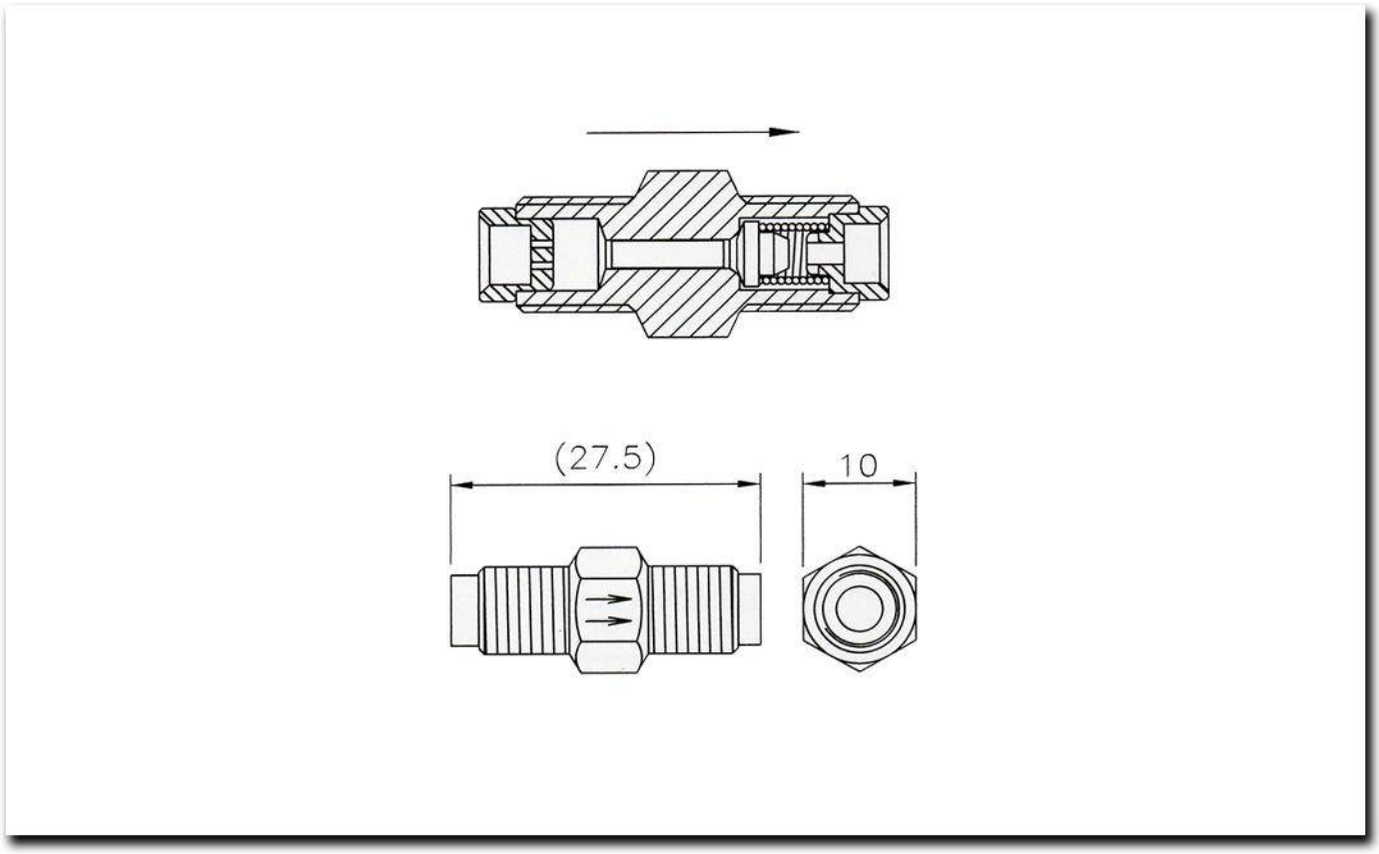
ISH DSS SERIES
SM DSS SERIES

IN-LINE PRESSURE FLOW DISTRIBUTORS

ISH DSS SERIES

PROPORTIONAL DEVICES

INPUT: M8 x 1.0
OUTPUT: M8 x 1.0


(27.5)
10

Characteristics & Dimensions

ISH DSS SERIES

INPUT DIAMETER	OUTPUT DIAMETER
M8 x 1.0	M8 x 1.0
MODEL	**LUBRICANT FLOW RATE**
ISH DSS-1	*1*
ISH DSS-2	*2*
ISH DSS-3	*3*
ISH DSS-4	*4*
ISH DSS-5	*5*
Working Pressure	*0.2 ~ 2 Mpa (2 ~ 20 Kgf/cm²)*
Oil Viscocity	*20 ~ 500 cSt.*
Total Lenght	*25.5*
Total Width	*10*
Device Total Weight	*11 gr.*

*** The flow must be multiplied by the serial number sequence.*
**** More DSM models are available. Please send your inquiry.*
***** All dimensions are given in millimeters.*

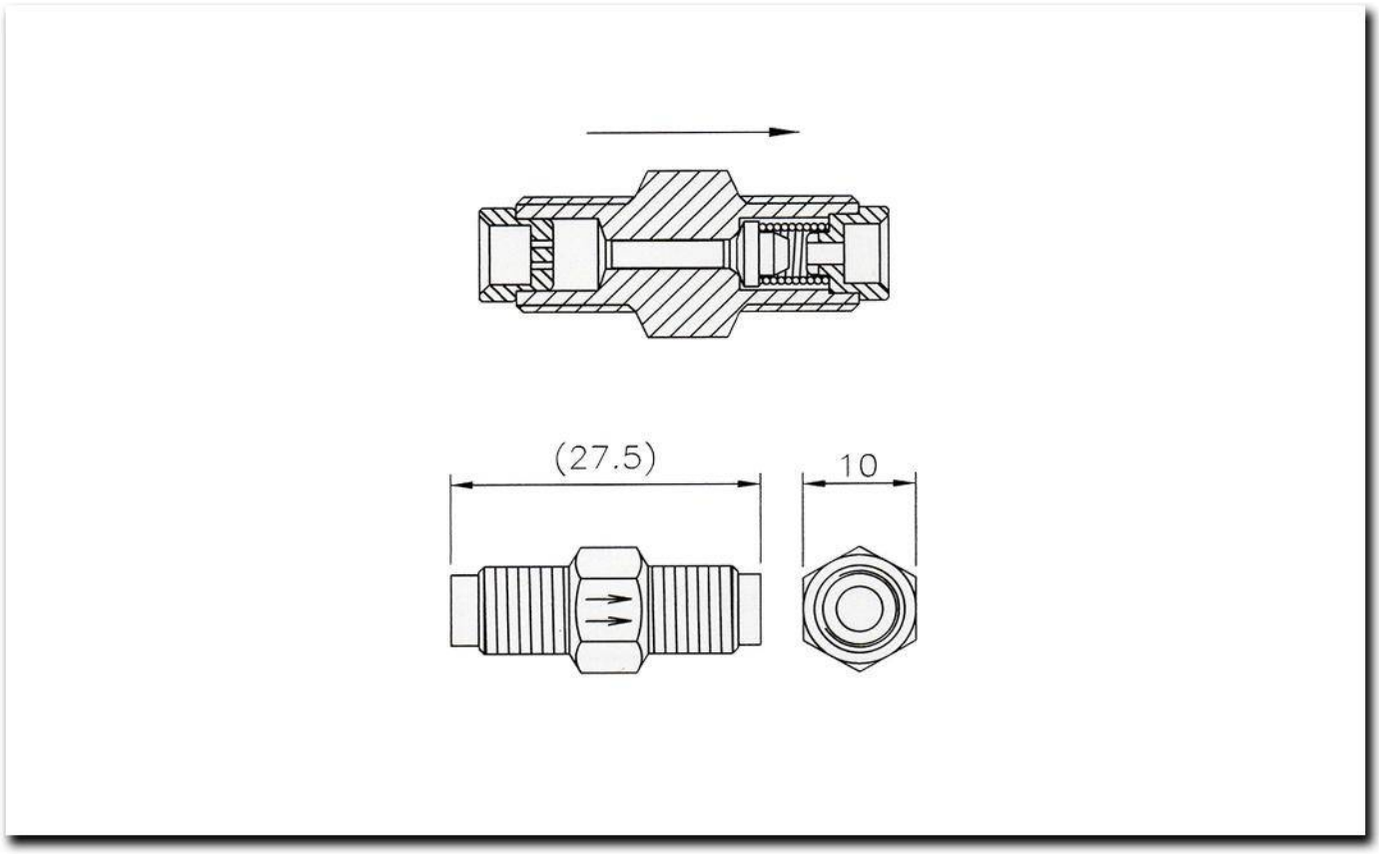
ISH DST SERIES
SM DST SERIES

IN-LINE FLOW PRESSURE DISTRIBUTORS

ISH DST SERIES

PROPORTIONAL DEVICES

INPUT: M8 x 1.0
OUTPUT: 1/8 PT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10

Characteristics & Dimensions

ISH DST SERIES	
INPUT DIAMETER	**OUTPUT DIAMETER**
M8 x 1.0	1/8 PT
MODEL	**LUBRICANT FLOW RATE**
ISH DST-1	*1*
ISH DST-2	*2*
ISH DST-3	*3*
ISH DST-4	*4*
ISH DST-5	*5*
Working Pressure	*0.2 ~ 2 Mpa (2 ~ 20 Kgf/cm²)*
Oil Viscocity	*20 ~ 500 cSt.*
Total Lenght	*25.5*
Total Width	*10*
Device Total Weight	*11 gr.*

*** The flow must be multiplied by the serial number sequence.*
**** More DSM models are available. Please send your inquiry.*
***** All dimensions are given in millimeters.*

ISH DT SERIES
SM DT SERIES

PROPORTIONAL DEVICES

ISH DT-0200
SM DT-0200

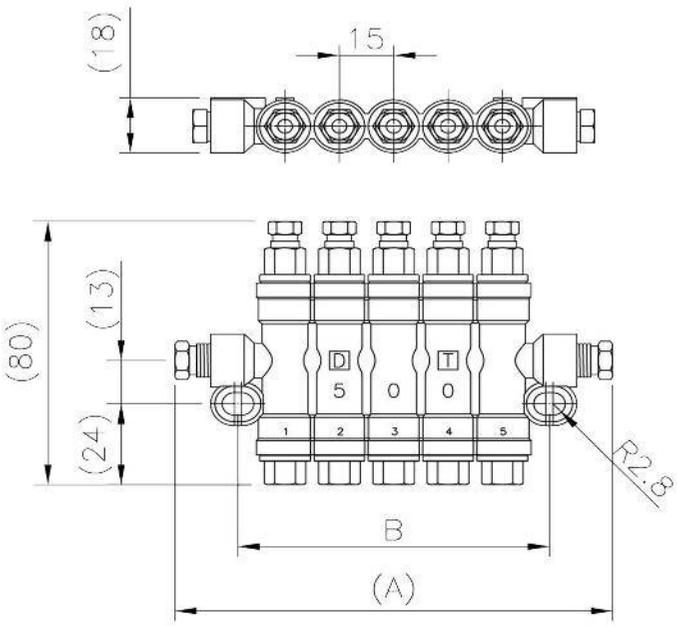
PISTON DISTRIBUTORS

Characteristics & Dimensions

DT SERIES

MODEL	NUMBER OF OULETS	A	B	METERED VOLUME (c.c.)
DT-0200	2	75.00	*39.00 ~ 43.00*	*0.10*
DT-0300	3	90.00	*54.00 ~ 58.00*	*0.16*
DT-0400	4	105.00	*69.00 ~ 73.00*	*0.20*
DT-0500	5	126.00	*84.00 ~ 88.00*	*0.30*
DT-0600	6	135.00	*99.00 ~ 103.00*	*0.40*
				0.50

**** All dimensions are given in millimeters.*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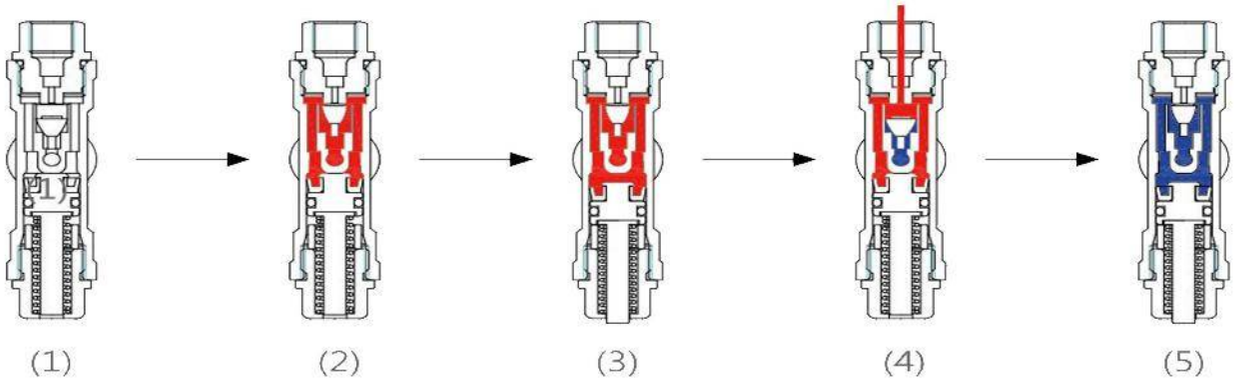


(1) Befare pressurizing
(2) Under pressurizing
(3) The lubricant is stored
(4) The lubricant is discharging
(5) Ready far next lubrication cycle

They distribute and meter the lubricant fed by an intermittently operated centralized lubrication pump unit in single-line centralized lubrication systems. Exchangeable metering blocks on the distributors make it possible to supply every lube point with the requisite amount of oil per stroke or lubrication cycle. The metered quantity is shown on the individual pistan distributor.

DT SERIES ELEMENTS OPERATION

I. Befare the lubricant is fed to relubrication distributor.
2. The pressure built up in the centralized lubrication system causes the collar to close the outlet to the lubrication point.
3. The lubricant is stored completely as the loaded spring pistan moves to the bottom.
4. When the pump is switched off, the pressure is relieved and the lubricant under preload below the spring loaded pistan pushes the collar back toward the main line. This clases the main line and opens the outlet to the lubrication point. The lubricant discharges.
5. After the lubricant has been completely expelled to the lubrication point, the relubrication distributor is ready far the next lubrication cycle.

ISH DT-0300
SM DT-0300

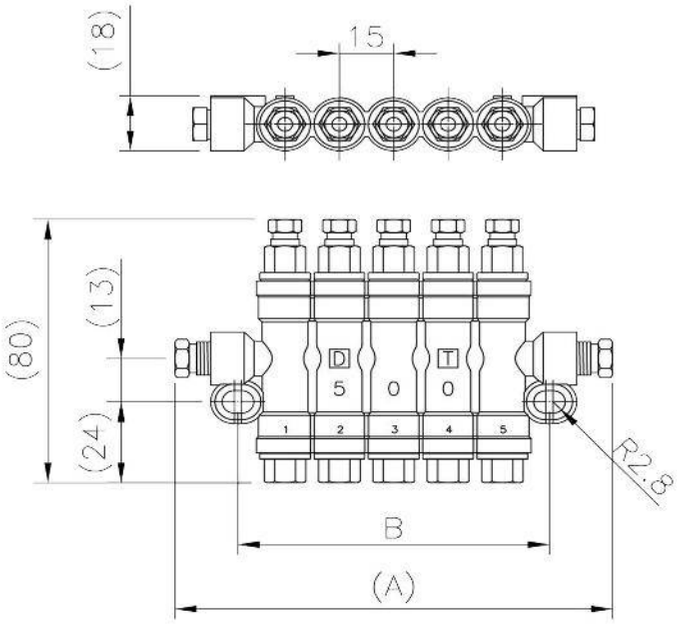
PISTON DISTRIBUTORS

Characteristics & Dimensions

DT SERIES

MODEL	NUMBER OF OULETS	A	B	METERED VOLUME (c.c.)
DT-0200	2	75.00	*39.00 ~ 43.00*	*0.10*
DT-0300	3	90.00	*54.00 ~ 58.00*	*0.16*
DT-0400	4	105.00	*69.00 ~ 73.00*	*0.20*
DT-0500	5	126.00	*84.00 ~ 88.00*	*0.30*
DT-0600	6	135.00	*99.00 ~ 103.00*	*0.40*
				0.50

**** All dimensions are given in millimeters.*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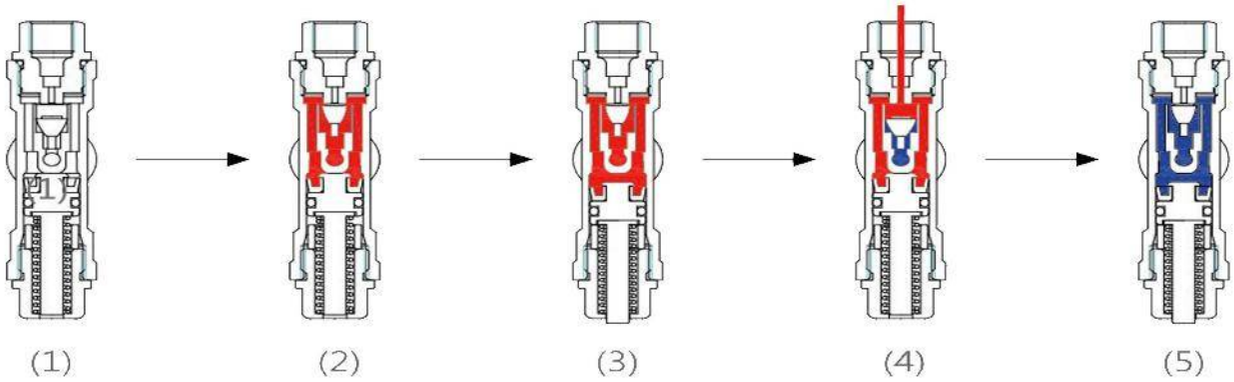


(1) Befare pressurizing
(2) Under pressurizing
(3) The lubricant is stored
(4) The lubricant is discharging
(5) Ready far next lubrication cycle

They distribute and meter the lubricant fed by an intermittently operated centralized lubrication pump unit in single-line centralized lubrication systems. Exchangeable metering blocks on the distributors make it possible to supply every lube point with the requisite amount of oil per stroke or lubrication cycle. The metered quantity is shown on the individual pistan distributor.

DT SERIES ELEMENTS OPERATION

I. Befare the lubricant is fed to relubrication distributor.
2. The pressure built up in the centralized lubrication system causes the collar to close the outlet to the lubrication point.
3. The lubricant is stored completely as the loaded spring pistan moves to the bottom.
4. When the pump is switched off, the pressure is relieved and the lubricant under preload below the spring loaded pistan pushes the collar back toward the main line. This clases the main line and opens the outlet to the lubrication point. The lubricant discharges.
5. After the lubricant has been completely expelled to the lubrication point, the relubrication distributor is ready far the next lubrication cycle.

ISH DT-0400
SM DT-0400

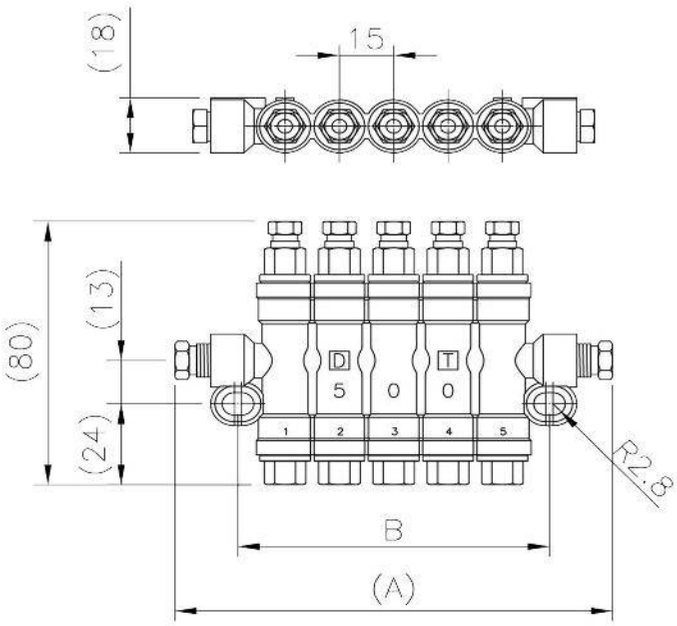
PISTON DISTRIBUTORS

Characteristics & Dimensions

DT SERIES

MODEL	NUMBER OF OULETS	A	B	METERED VOLUME (c.c.)
DT-0200	2	75.00	*39.00 ~ 43.00*	*0.10*
DT-0300	3	90.00	*54.00 ~ 58.00*	*0.16*
DT-0400	4	105.00	*69.00 ~ 73.00*	*0.20*
DT-0500	5	126.00	*84.00 ~ 88.00*	*0.30*
DT-0600	6	135.00	*99.00 ~ 103.00*	*0.40*
				0.50

**** All dimensions are given in millimeters.*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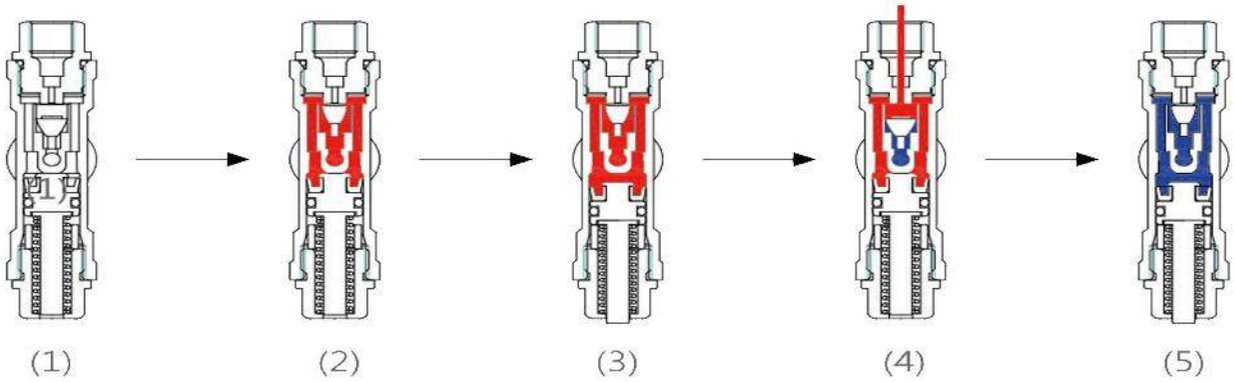


(1) Befare pressurizing
(2) Under pressurizing
(3) The lubricant is stored
(4) The lubricant is discharging
(5) Ready far next lubrication cycle

They distribute and meter the lubricant fed by an intermittently operated centralized lubrication pump unit in single-line centralized lubrication systems. Exchangeable metering blocks on the distributors make it possible to supply every lube point with the requisite amount of oil per stroke or lubrication cycle. The metered quantity is shown on the individual pistan distributor.

DT SERIES ELEMENTS OPERATION

I. Befare the lubricant is fed to relubrication distributor.
2. The pressure built up in the centralized lubrication system causes the collar to close the outlet to the lubrication point.
3. The lubricant is stored completely as the loaded spring pistan moves to the bottom.
4. When the pump is switched off, the pressure is relieved and the lubricant under preload below the spring loaded pistan pushes the collar back toward the main line. This clases the main line and opens the outlet to the lubrication point. The lubricant discharges.
5. After the lubricant has been completely expelled to the lubrication point, the relubrication distributor is ready far the next lubrication cycle.

ISH DT-0500
SM DT-0500

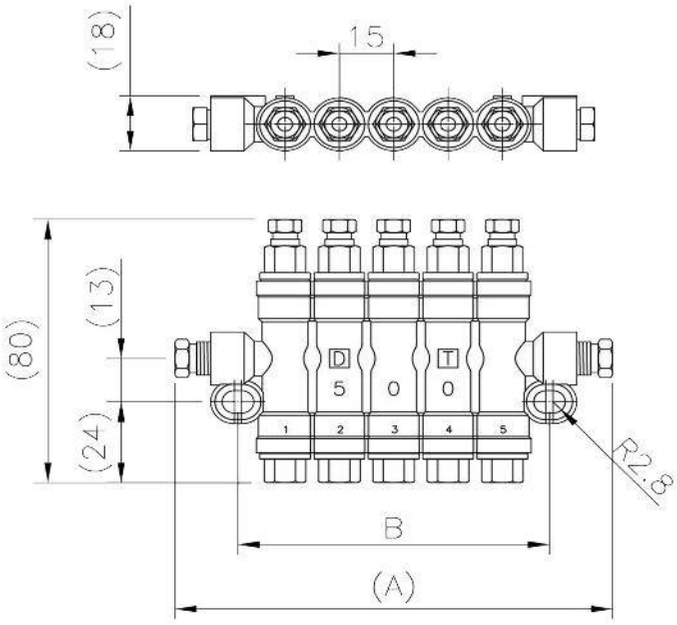
PISTON DISTRIBUTORS

Characteristics & Dimensions

DT SERIES

MODEL	NUMBER OF OULETS	A	B	METERED VOLUME (c.c.)
DT-0200	2	75.00	*39.00 ~ 43.00*	*0.10*
DT-0300	3	90.00	*54.00 ~ 58.00*	*0.16*
DT-0400	4	105.00	*69.00 ~ 73.00*	*0.20*
DT-0500	5	126.00	*84.00 ~ 88.00*	*0.30*
DT-0600	6	135.00	*99.00 ~ 103.00*	*0.40*
				0.50

**** All dimensions are given in millimeters.*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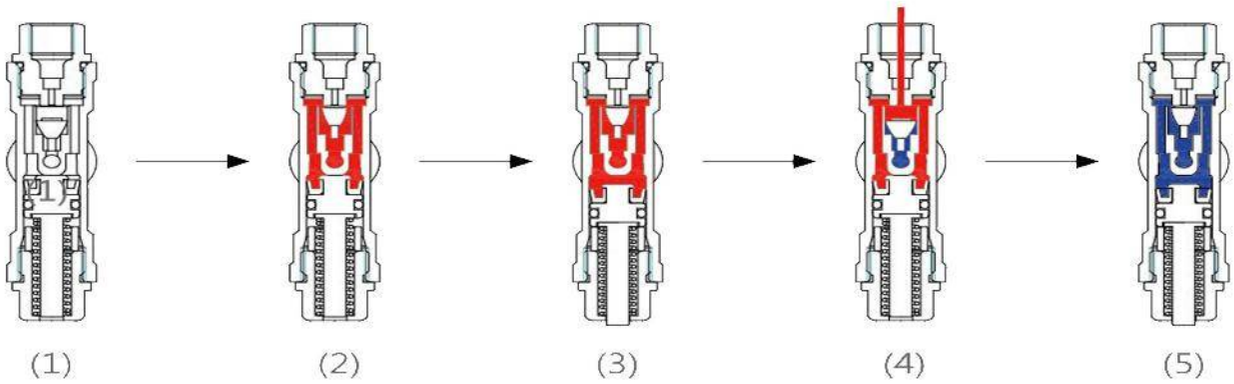


(1) Befare pressurizing
(2) Under pressurizing
(3) The lubricant is stored
(4) The lubricant is discharging
(5) Ready far next lubrication cycle

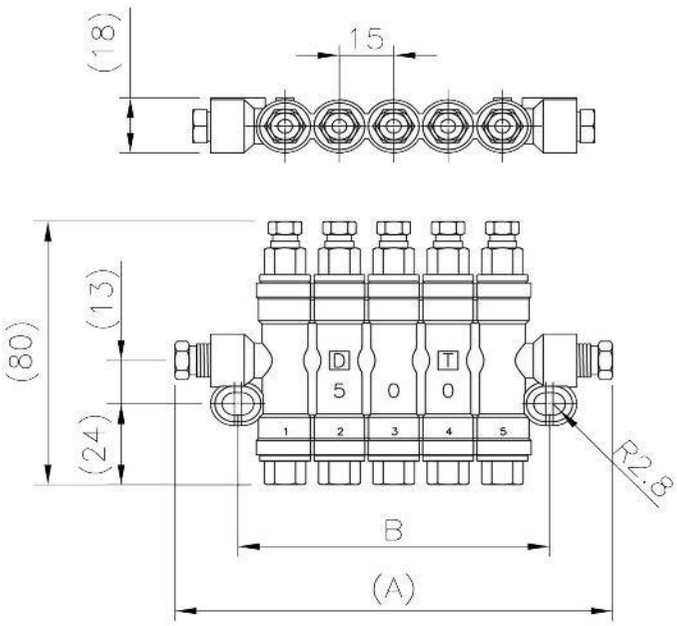
They distribute and meter the lubricant fed by an intermittently operated centralized lubrication pump unit in single-line centralized lubrication systems. Exchangeable metering blocks on the distributors make it possible to supply every lube point with the requisite amount of oil per stroke or lubrication cycle. The metered quantity is shown on the individual pistan distributor.

DT SERIES ELEMENTS OPERATION

I. Befare the lubricant is fed to relubrication distributor.
2. The pressure built up in the centralized lubrication system causes the collar to close the outlet to the lubrication point.
3. The lubricant is stored completely as the loaded spring pistan moves to the bottom.
4. When the pump is switched off, the pressure is relieved and the lubricant under preload below the spring loaded pistan pushes the collar back toward the main line. This clases the main line and opens the outlet to the lubrication point. The lubricant discharges.
5. After the lubricant has been completely expelled to the lubrication point, the relubrication distributor is ready far the next lubrication cycle.

ISH DT-0600
SM DT-0600

PISTON DISTRIBUTORS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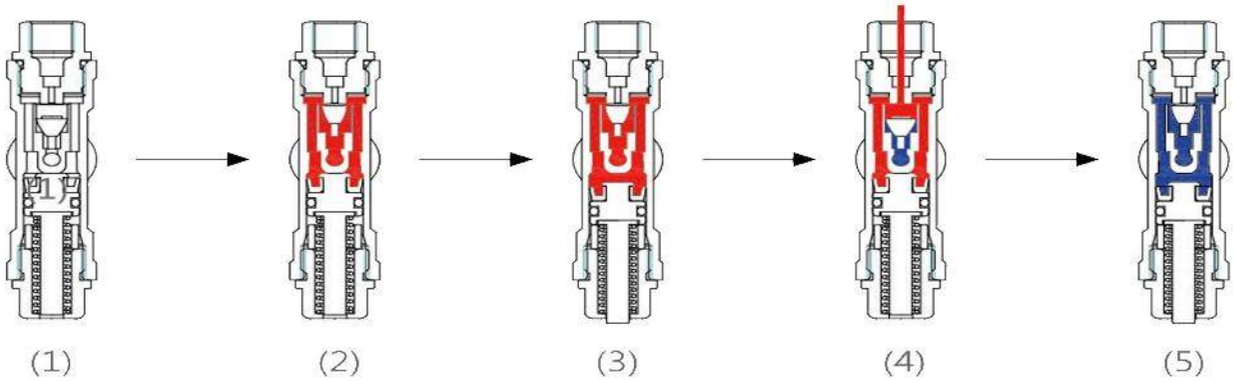
Characteristics & Dimensions

DT SERIES

MODEL	NUMBER OF OULETS	A	B	METERED VOLUME (c.c.)
DT-0200	2	75.00	39.00 ~ 43.00	0.10 0.16 0.20 0.30 0.40 0.50
DT-0300	3	90.00	54.00 ~ 58.00	
DT-0400	4	105.00	69.00 ~ 73.00	
DT-0500	5	126.00	84.00 ~ 88.00	
DT-0600	6	135.00	99.00 ~ 103.00	

*** All dimensions are given in millimeters.



(1) Befare pressurizing
(2) Under pressurizing
(3) The lubricant is stored
(4) The lubricant is discharging
(5) Ready far next lubrication cycle

They distribute and meter the lubricant fed by an intermittently operated centralized lubrication pump unit in single-line centralized lubrication systems. Exchangeable metering blocks on the distributors make it possible to supply every lube point with the requisite amount of oil per stroke or lubrication cycle. The metered quantity is shown on the individual pistan distributor.

DT SERIES ELEMENTS OPERATION

I. Befare the lubricant is fed to relubrication distributor.
2. The pressure built up in the centralized lubrication system causes the collar to close the outlet to the lubrication point.
3. The lubricant is stored completely as the loaded spring pistan moves to the bottom.
4. When the pump is switched off, the pressure is relieved and the lubricant under preload below the spring loaded pistan pushes the collar back toward the main line. This clases the main line and opens the outlet to the lubrication point. The lubricant discharges.
5. After the lubricant has been completely expelled to the lubrication point, the relubrication distributor is ready far the next lubrication cycle.

ISH DTM SERIES
SM DTM SERIES

PROPORTIONAL DEVICES

ISH DTM SERIES
SM DTM SERIES

PROPORTIONAL DEVICES

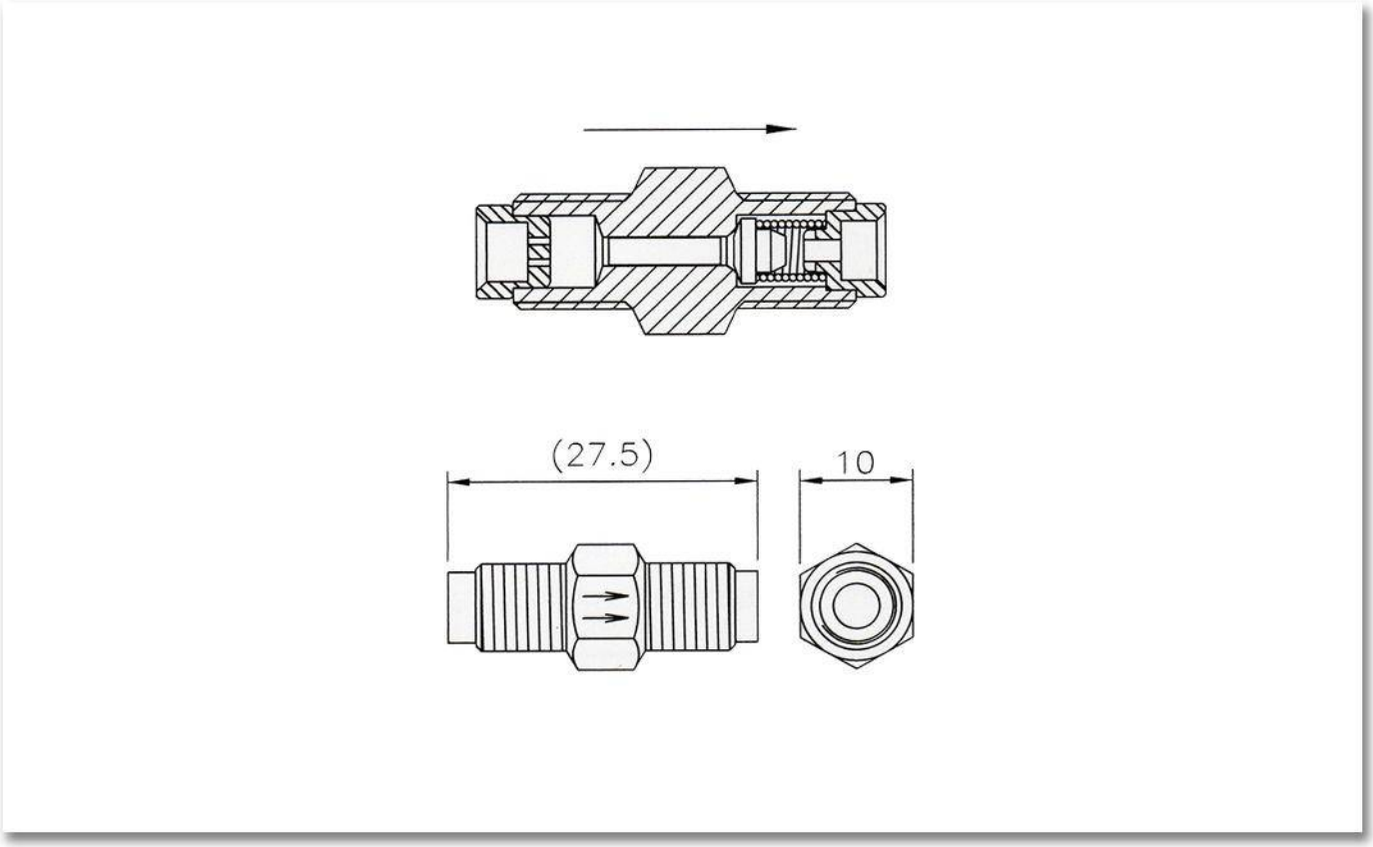
INPUT: 1/8 NPT x 1.0

OUTPUT: 1/8 NPT x 1.0

Characteristics & Dimensions

ISH DTM SERIES	
INPUT DIAMETER	**OUTPUT DIAMETER**
NPT 1/8	NPT 1/8
MODEL	**LUBRICANT FLOW RATE**
ISH DTM-3/0	*000*
ISH DTM-00	*00*
ISH DTM-0	*0*
ISH DTM-1	*1*
ISH DTM-2	*2*
ISH DTM-3	*3*
ISH DTM-4	*4*
ISH DTM-5	*5*
Working Pressure	*0.2 ~ 2 Mpa (2 ~ 20 Kgf/cm²)*
Oil Viscocity	*20 ~ 500 cSt.*
Total Lenght	*25.5*
Total Width	*10*
Device Total Weight	*11 gr.*

*** The flow must be multiplied by the serial number sequence.*
**** More DSM models are available. Please send your inquiry.*
***** All dimensions are given in millimeters.*


(27.5)
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ISH DTM-M SERIES
SM DTM-M SERIES

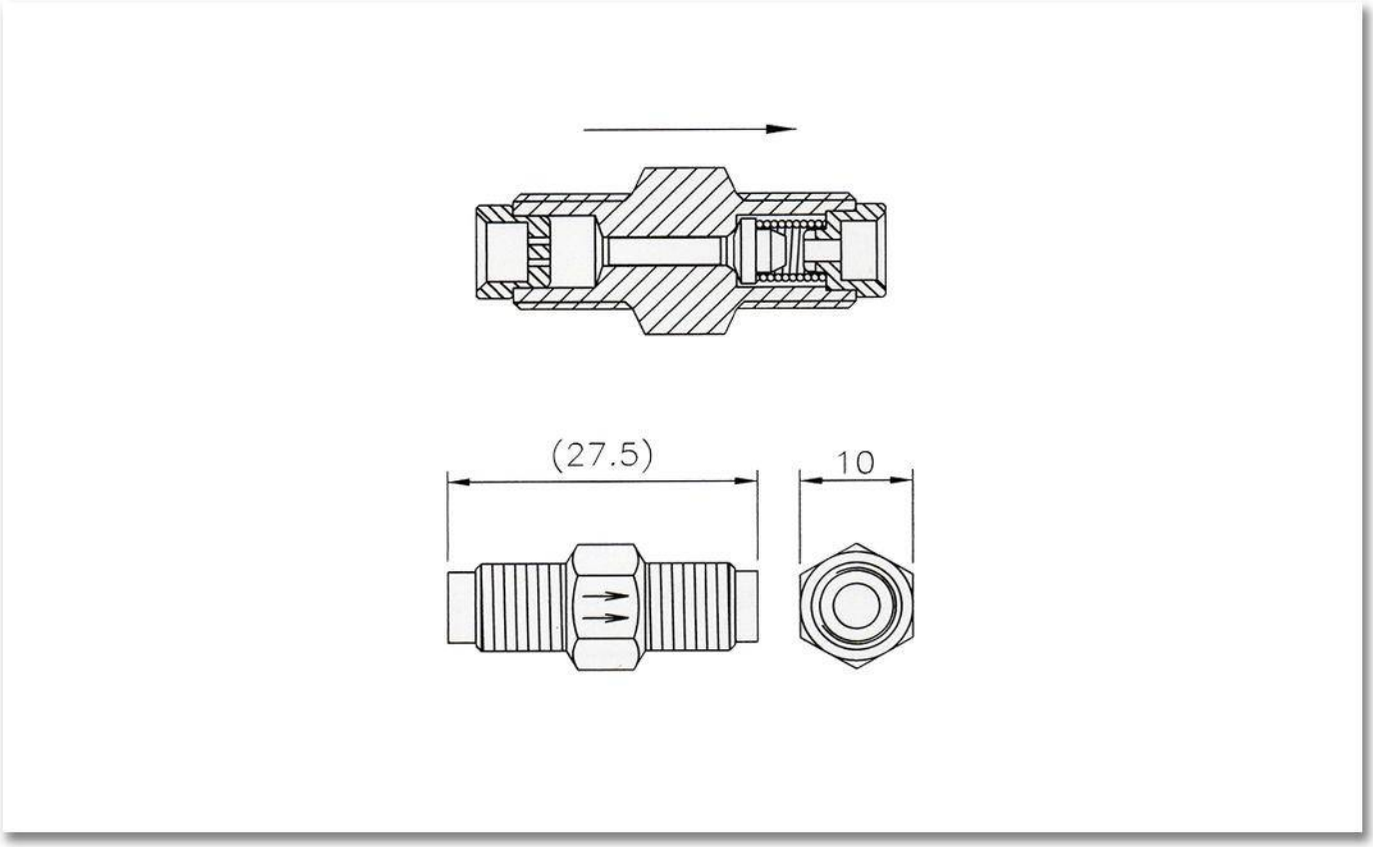
PROPORTIONAL DEVICES

ISH DTM-M SERIES
SM DTM-M SERIES

PROPORTIONAL DEVICES

INPUT: 1/8 PT x 1.0

OUTPUT: 1/8 PT x 1.0


(27.5)
10

Characteristics & Dimensions

ISH DTM-M SERIES	
INPUT DIAMETER	**OUTPUT DIAMETER**
PT 1/8	PT 1/8
MODEL	**LUBRICANT FLOW RATE**
-	*000*
ISH DTM-00M	*00*
ISH DTM-0M	*0*
ISH DTM 1M	*1*
ISH DTM 2M	*2*
ISH DTM 3M	*3*
ISH DTM 4M	*4*
ISH DTM 5M	*5*
Working Pressure	*0.2 ~ 2 Mpa (2 ~ 20 Kgf/cm²)*
Oil Viscocity	*20 ~ 500 cSt.*
Total Lenght	*25.5*
Total Width	*10*
Device Total Weight	*11 gr.*

*** The flow must be multiplied by the serial number sequence.*
**** More DSM models are available. Please send your inquiry.*
***** All dimensions are given in millimeters.*

ISH DU SERIES
SM DU SERIES

PROGRESSIVE GREASE DISTRIBUTORS
(WITH/WITHOUT DETECTION SWITCH)

ISH DU-4P
SM DU-4P

PROGRESSIUVE GREASE DISTRIBUITORS

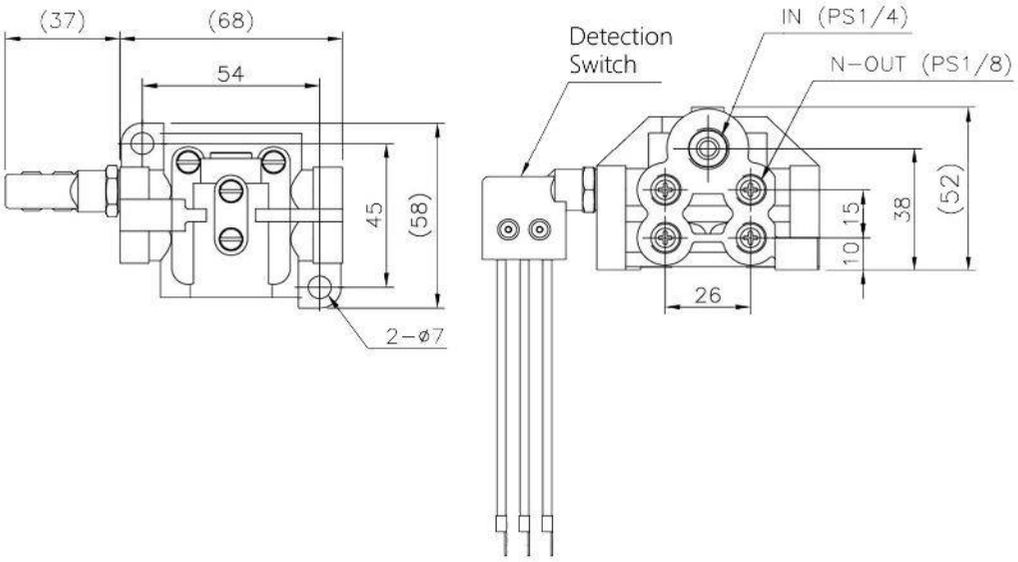
(WITH DETECTION SWITCH)

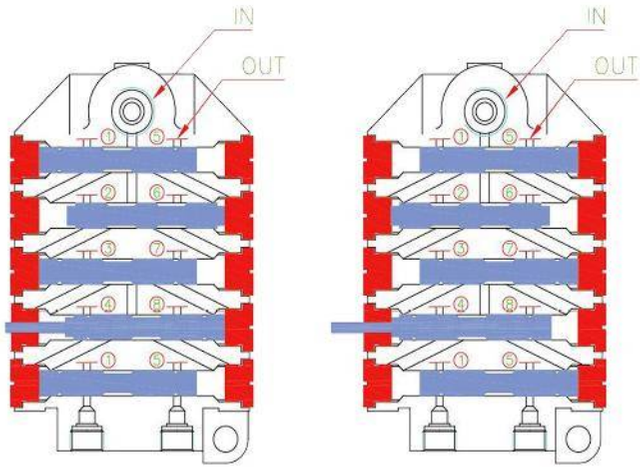
Characteristics & Dimensions

DU-P SERIES

MODEL	DETECTION SWITCH	NUMBER OF OUTLETS	METERED VOLUME	MAXIMUM OUTPUT PRESSURE	WEIGHT (Gr.)
DG-0200	INCLUDED	4	0.33	15.00 (150.00)	350.00
DG-0300	INCLUDED	6			350.00
DG-0400	INCLUDED	8			320.00
DG-0500	INCLUDED	10			440.00
DG-0600	INCLUDED	12			440.00

** Metered volume is determinde by c.c./stroke.
*** Maximum Output Pressure is determined in Mpa (Kgf/cm²).
**** All dimensions are given in millimeters.


(37)
(68)
54
45
(58)
2-ø7
Detection
Switch
IN (PS1/4)
N-OUT (PS1/8)
10
15
38
(52)
26



DU-Series Operatian

As grease passes IN, each pistan balances at the position as Diagram l.

The grease continuously pushes the left side of No.3 piston hole and pushes piston 3- 7 rightward to discharge grease in No.6 outlet.

The inclined right-sided holes of the closed No.3 piston hole and No.4 piston hole connect, and the inclined left-sided hole of No.4 piston hole connects the No.3 outlet.

The grease continuously pushes the right side of No.4 piston hole and pushes piston 4-8 leftward to discharge grease in No.3 outlet.

The inclined left-sided holes of the closed No.4 piston hole and No.1 piston hole connect, and the inclined right-sided hole of No.1 pistonhole connects the No.8 outlet.

The grease continuously pushes the left side of No.1 piston hole and pushes piston 1-5 rightward to discharge grease in No.8 outlet.

The inclined left-sided holes of the closed No.1 piston hole and No.2 piston hole connect, and the inclined left-sided hole of No.2 piston hole connects the No.1 outlet.

The grease continuously pushes the right side of No.2-6 piston hole and pushes piston leftward to discharge grease in No.1 outlet.

The first half of the discharging completes, and the final position is as Diagram2. The second half cycle is almost the same.

Note: *Please **DO NOT** plug any outlet on puppose. The distributor **CAN NOT** operate at this condistion*

ISH DU-4T
SM DU-4T

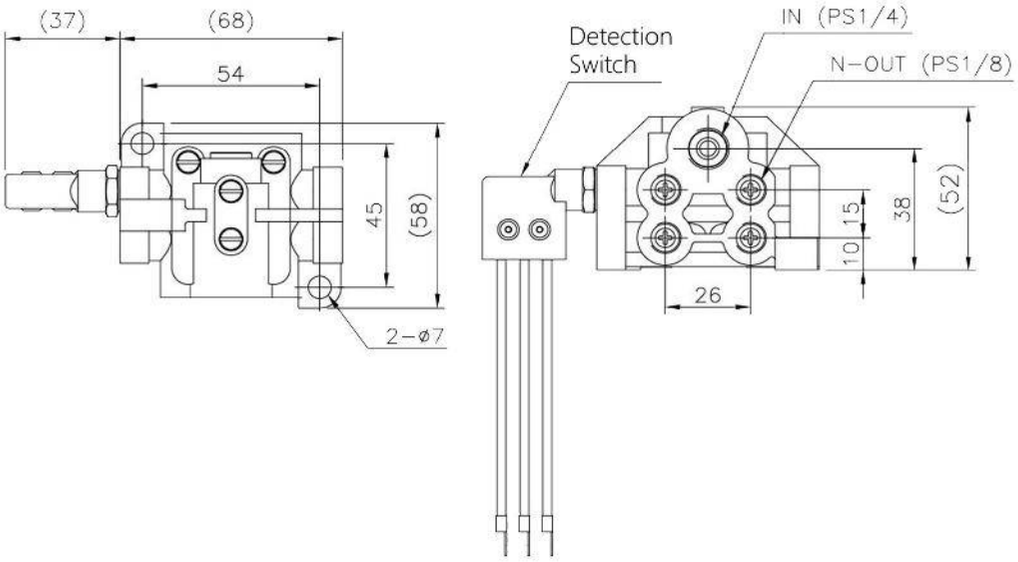
PROGRESSIVE GREASE DISTRIBUITORS

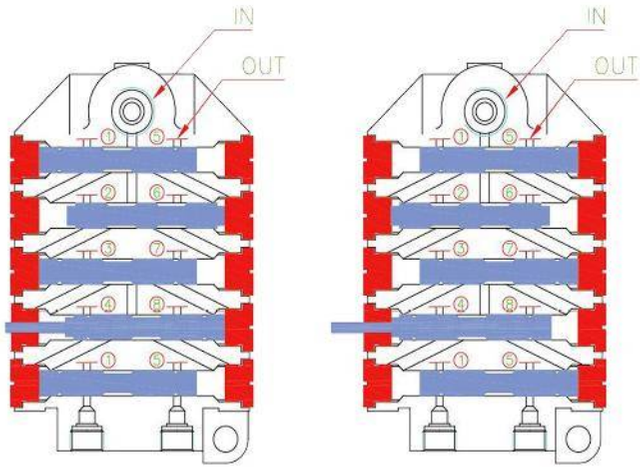
Characteristics & Dimensions

DT SERIES

MODEL	NUMBER OF OULETS	A	B	METERED VOLUME (c.c.)
DT-0200	2	75.00	39.00 ~ 43.00	0.10
DT-0300	3	90.00	54.00 ~ 58.00	0.16
DT-0400	4	105.00	69.00 ~ 73.00	0.20
DT-0500	5	126.00	84.00 ~ 88.00	0.30
DT-0600	6	135.00	99.00 ~ 103.00	0.40
				0.50

*** All dimensions are given in millimeters.


(37)
(68)
54
45
(58)
2-ø7
Detection
Switch
IN (PS1/4)
N-OUT (PS1/8)
10
15
38
(52)
26



DU-Series Operatian

As grease passes IN, each pistan balances at the position as Diagram l.

The grease continuously pushes the left side of No.3 piston hole and pushes piston 3- 7 rightward to discharge grease in No.6 outlet.

The inclined right-sided holes of the closed No.3 piston hole and No.4 piston hole connect, and the inclined left-sided hole of No.4 piston hole connects the No.3 outlet.

The grease continuously pushes the right side of No.4 piston hole and pushes piston 4-8 leftward to discharge grease in No.3 outlet.

The inclined left-sided holes of the closed No.4 piston hole and No.1 piston hole connect, and the inclined right-sided hole of No.1 pistonhole connects the No.8 outlet.

The grease continuously pushes the left side of No.1 piston hole and pushes piston 1-5 rightward to discharge grease in No.8 outlet.

The inclined left-sided holes of the closed No.1 piston hole and No.2 piston hole connect, and the inclined left-sided hole of No.2 piston hole connects the No.1 outlet.

The grease continuously pushes the right side of No.2-6 piston hole and pushes piston leftward to discharge grease in No.1 outlet.

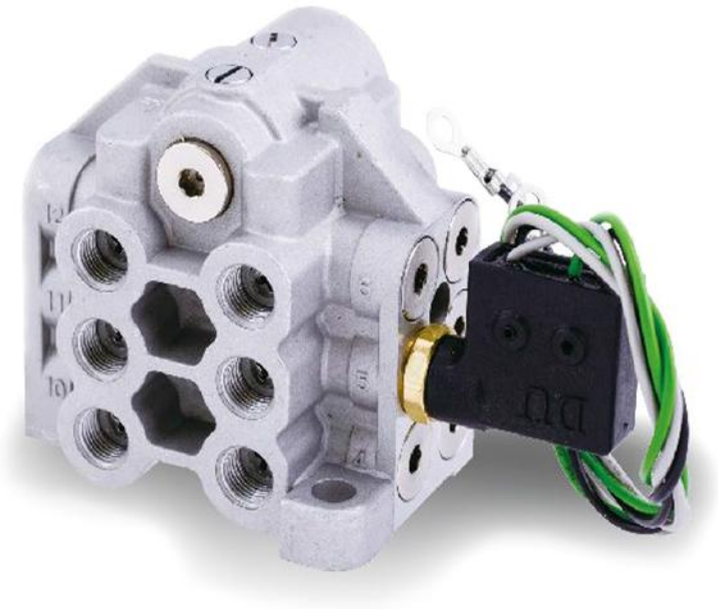
The first half of the discharging completes, and the final position is as Diagram2. The second half cycle is almost the same.

Note: *Please* ***DO NOT*** *plug any outlet on puppose. The distributor* ***CAN NOT*** *operate at this condistion*

ISH DU-6P
SM DU-6P

PROGRESSIUVE GREASE DISTRIBUITORS

(WITH DETECTION SWITCH)

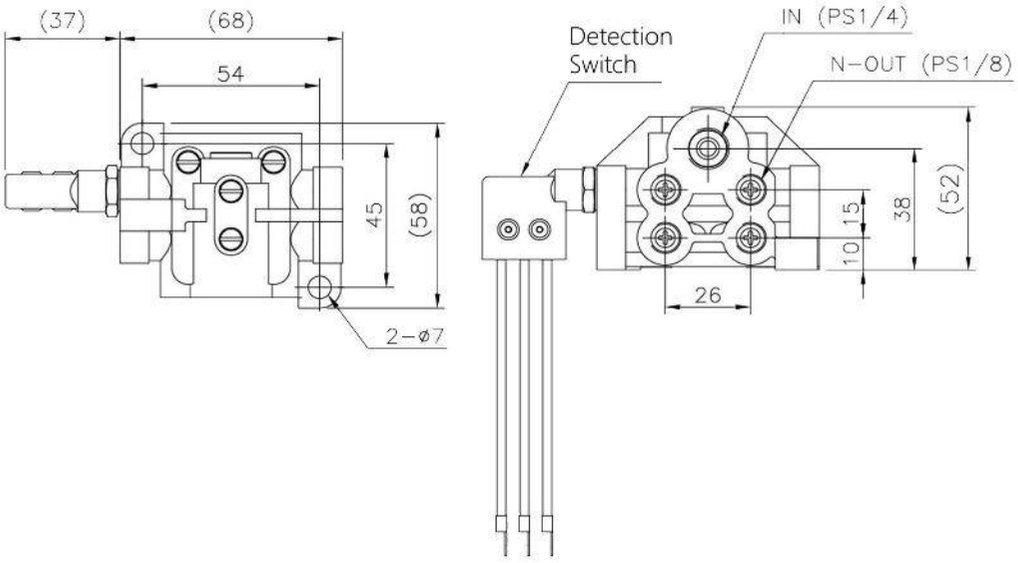


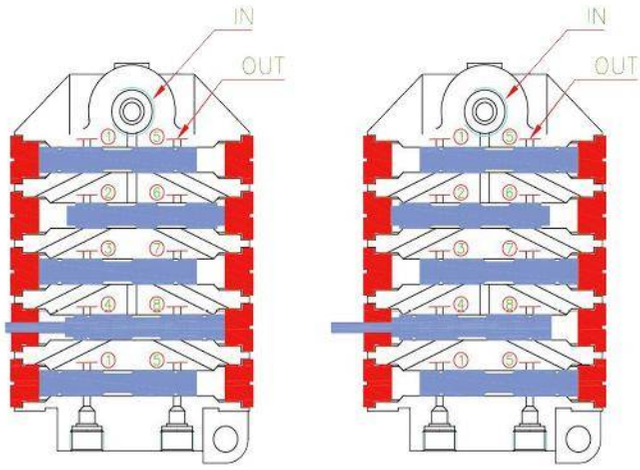
Characteristics & Dimensions

DU-P SERIES

MODEL	DETECTION SWITCH	NUMBER OF OUTLETS	METERED VOLUME	MAXIMUM OUTPUT PRESSURE	WEIGHT (Gr.)
DG-0200	INCLUDED	4	0.33	15.00 (150.00)	350.00
DG-0300	INCLUDED	6			350.00
DG-0400	INCLUDED	8			320.00
DG-0500	INCLUDED	10			440.00
DG-0600	INCLUDED	12			440.00

** Metered volume is determinde by c.c./stroke.
*** Maximum Output Pressure is determined in Mpa (Kgf/cm²).
**** All dimensions are given in millimeters.


(37)
(68)
54
45
(58)
2-ø7
Detection
Switch
IN (PS1/4)
N-OUT (PS1/8)
10
15
38
(52)
26



DU-Series Operatian

As grease passes IN, each pistan balances at the position as Diagram l.

The grease continuously pushes the left side of No.3 piston hole and pushes piston 3- 7 rightward to discharge grease in No.6 outlet.

The inclined right-sided holes of the closed No.3 piston hole and No.4 piston hole connect, and the inclined left-sided hole of No.4 piston hole connects the No.3 outlet.

The grease continuously pushes the right side of No.4 piston hole and pushes piston 4-8 leftward to discharge grease in No.3 outlet.

The inclined left-sided holes of the closed No.4 piston hole and No.1 piston hole connect, and the inclined right-sided hole of No.1 pistonhole connects the No.8 outlet.

The grease continuously pushes the left side of No.1 piston hole and pushes piston 1-5 rightward to discharge grease in No.8 outlet.

The inclined left-sided holes of the closed No.1 piston hole and No.2 piston hole connect, and the inclined left-sided hole of No.2 piston hole connects the No.1 outlet.

The grease continuously pushes the right side of No.2-6 piston hole and pushes piston leftward to discharge grease in No.1 outlet.

The first half of the discharging completes, and the final position is as Diagram2. The second half cycle is almost the same.

Note: *Please* ***DO NOT*** *plug any outlet on puppose. The distributor* ***CAN NOT*** *operate at this condistion*

ISH DU-6T
SM DU-6T

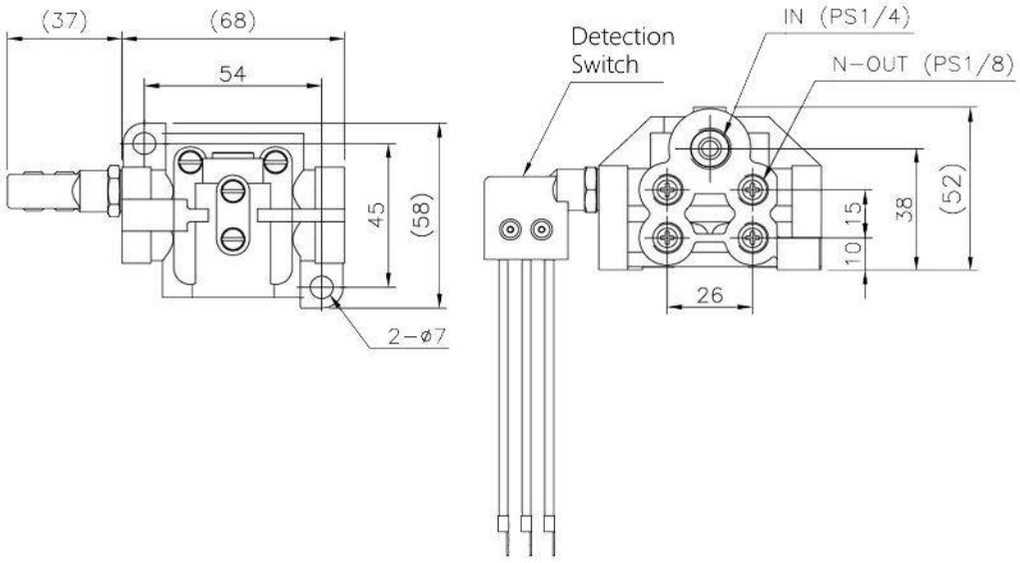
PROGRESSIVE GREASE DISTRIBUITORS

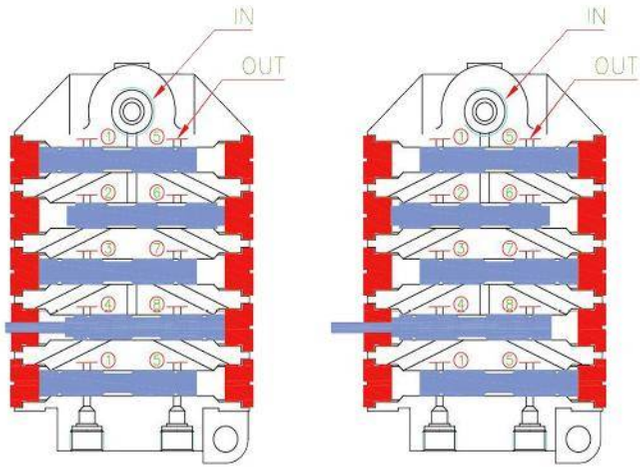
Characteristics & Dimensions

DT SERIES

MODEL	NUMBER OF OULETS	A	B	METERED VOLUME (c.c.)
DT-0200	2	75.00	39.00 ~ 43.00	0.10 0.16 0.20 0.30 0.40 0.50
DT-0300	3	90.00	54.00 ~ 58.00	
DT-0400	4	105.00	69.00 ~ 73.00	
DT-0500	5	126.00	84.00 ~ 88.00	
DT-0600	6	135.00	99.00 ~ 103.00	

*** All dimensions are given in millimeters.


(37)
(68)
54
45
(58)
2-ø7
Detection
Switch
IN (PS1/4)
N-OUT (PS1/8)
10
15
38
(52)
26



DU-Series Operatian

As grease passes IN, each pistan balances at the position as Diagram l.

The grease continuously pushes the left side of No.3 piston hole and pushes piston 3- 7 rightward to discharge grease in No.6 outlet.

The inclined right-sided holes of the closed No.3 piston hole and No.4 piston hole connect, and the inclined left-sided hole of No.4 piston hole connects the No.3 outlet.

The grease continuously pushes the right side of No.4 piston hole and pushes piston 4-8 leftward to discharge grease in No.3 outlet.

The inclined left-sided holes of the closed No.4 piston hole and No.1 piston hole connect, and the inclined right-sided hole of No.1 pistonhole connects the No.8 outlet.

The grease continuously pushes the left side of No.1 piston hole and pushes piston 1-5 rightward to discharge grease in No.8 outlet.

The inclined left-sided holes of the closed No.1 piston hole and No.2 piston hole connect, and the inclined left-sided hole of No.2 piston hole connects the No.1 outlet.

The grease continuously pushes the right side of No.2-6 piston hole and pushes piston leftward to discharge grease in No.1 outlet.

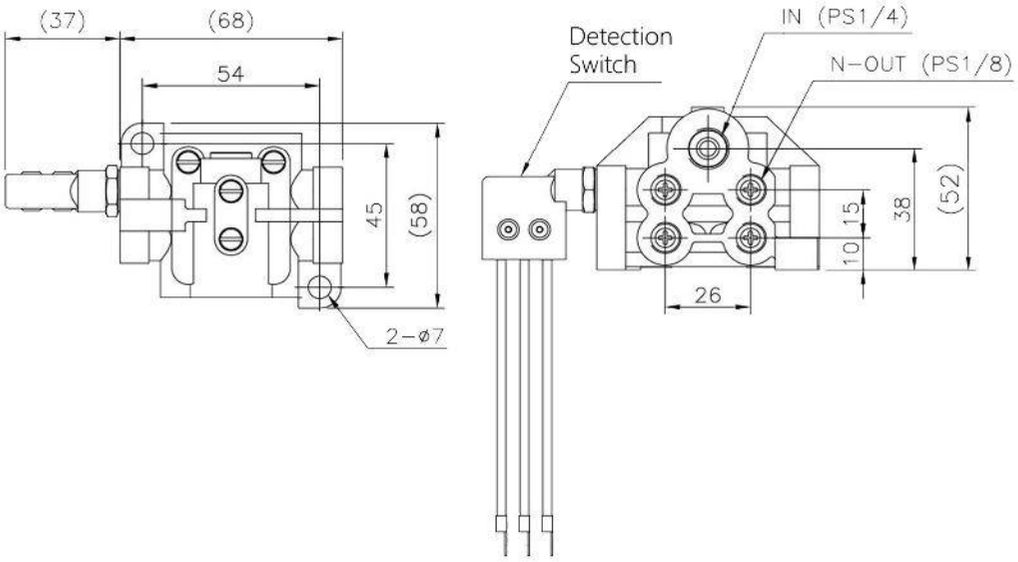
The first half of the discharging completes, and the final position is as Diagram2. The second half cycle is almost the same.

Note: *Please* ***DO NOT*** *plug any outlet on puppose. The distributor* ***CAN NOT*** *operate at this condistion*

ISH DU-8P
SM DU-8P

PROGRESSIUVE GREASE DISTRIBUITORS

(WITH DETECTION SWITCH)

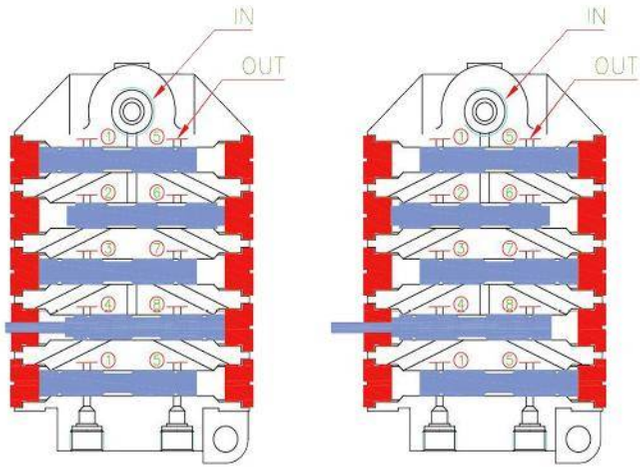

(37)
(68)
54
45
(58)
2-ø7
Detection
Switch
IN (PS1/4)
N-OUT (PS1/8)
10
15
38
(52)
26

Characteristics & Dimensions

DU-P SERIES

MODEL	DETECTION SWITCH	NUMBER OF OUTLETS	METERED VOLUME	MAXIMUM OUTPUT PRESSURE	WEIGHT (Gr.)
DG-0200	INCLUDED	4	0.33	15.00 (150.00)	350.00
DG-0300	INCLUDED	6			350.00
DG-0400	INCLUDED	8			320.00
DG-0500	INCLUDED	10			440.00
DG-0600	INCLUDED	12			440.00

** Metered volume is determinde by c.c./stroke.
*** Maximum Output Pressure is determined in Mpa (Kgf/cm²).
**** All dimensions are given in millimeters.



DU-Series Operatian

As grease passes IN, each pistan balances at the position as Diagram l.

The grease continuously pushes the left side of No.3 piston hole and pushes piston 3- 7 rightward to discharge grease in No.6 outlet.

The inclined right-sided holes of the closed No.3 piston hole and No.4 piston hole connect, and the inclined left-sided hole of No.4 piston hole connects the No.3 outlet.

The grease continuously pushes the right side of No.4 piston hole and pushes piston 4-8 leftward to discharge grease in No.3 outlet.

The inclined left-sided holes of the closed No.4 piston hole and No.1 piston hole connect, and the inclined right-sided hole of No.1 pistonhole connects the No.8 outlet.

The grease continuously pushes the left side of No.1 piston hole and pushes piston 1-5 rightward to discharge grease in No.8 outlet.

The inclined left-sided holes of the closed No.1 piston hole and No.2 piston hole connect, and the inclined left-sided hole of No.2 piston hole connects the No.1 outlet.

The grease continuously pushes the right side of No.2-6 piston hole and pushes piston leftward to discharge grease in No.1 outlet.

The first half of the discharging completes, and the final position is as Diagram2. The second half cycle is almost the same.

***Note**: Please **DO NOT** plug any outlet on puppose. The distributor **CAN NOT** operate at this condistion*

ISH DU-8T
SM DU-8T

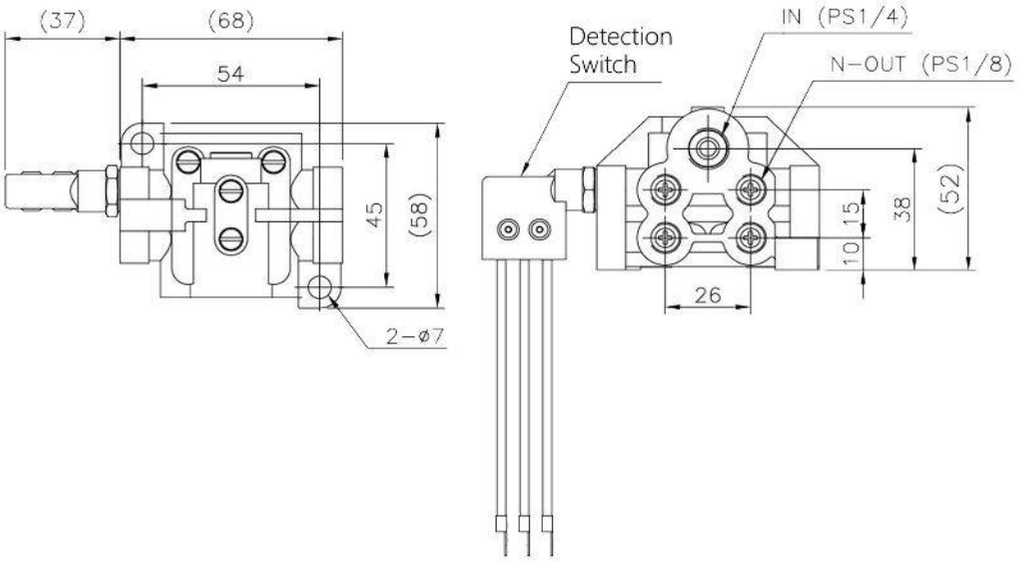
PROGRESSIVE GREASE DISTRIBUITORS

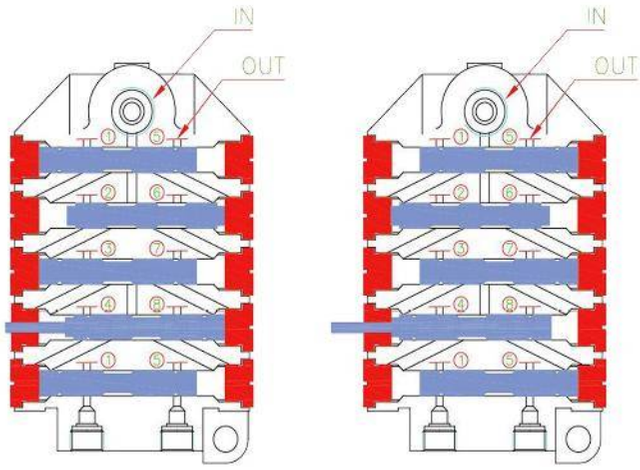
Characteristics & Dimensions

DT SERIES

MODEL	NUMBER OF OULETS	A	B	METERED VOLUME (c.c.)
DT-0200	2	75.00	39.00 ~ 43.00	0.10 0.16 0.20 0.30 0.40 0.50
DT-0300	3	90.00	54.00 ~ 58.00	
DT-0400	4	105.00	69.00 ~ 73.00	
DT-0500	5	126.00	84.00 ~ 88.00	
DT-0600	6	135.00	99.00 ~ 103.00	

*** All dimensions are given in millimeters.


(37)
(68)
54
45
(58)
2-ø7
Detection
Switch
IN (PS1/4)
N-OUT (PS1/8)
10
15
38
(52)
26



DU-Series Operatian

As grease passes IN, each pistan balances at the position as Diagram l.

The grease continuously pushes the left side of No.3 piston hole and pushes piston 3- 7 rightward to discharge grease in No.6 outlet.

The inclined right-sided holes of the closed No.3 piston hole and No.4 piston hole connect, and the inclined left-sided hole of No.4 piston hole connects the No.3 outlet.

The grease continuously pushes the right side of No.4 piston hole and pushes piston 4-8 leftward to discharge grease in No.3 outlet.

The inclined left-sided holes of the closed No.4 piston hole and No.1 piston hole connect, and the inclined right-sided hole of No.1 pistonhole connects the No.8 outlet.

The grease continuously pushes the left side of No.1 piston hole and pushes piston 1-5 rightward to discharge grease in No.8 outlet.

The inclined left-sided holes of the closed No.1 piston hole and No.2 piston hole connect, and the inclined left-sided hole of No.2 piston hole connects the No.1 outlet.

The grease continuously pushes the right side of No.2-6 piston hole and pushes piston leftward to discharge grease in No.1 outlet.

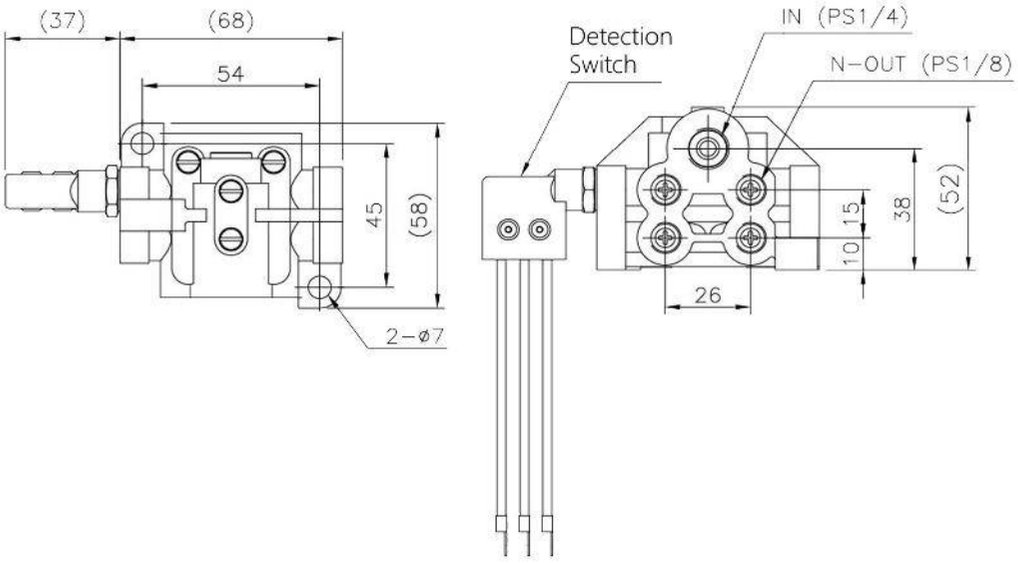
The first half of the discharging completes, and the final position is as Diagram2. The second half cycle is almost the same.

***Note**: Please **DO NOT** plug any outlet on puppose. The distributor **CAN NOT** operate at this condistion*

ISH DU-10P
SM DU-10P

PROGRESSIUVE GREASE DISTRIBUITORS

(WITH DETECTION SWITCH)

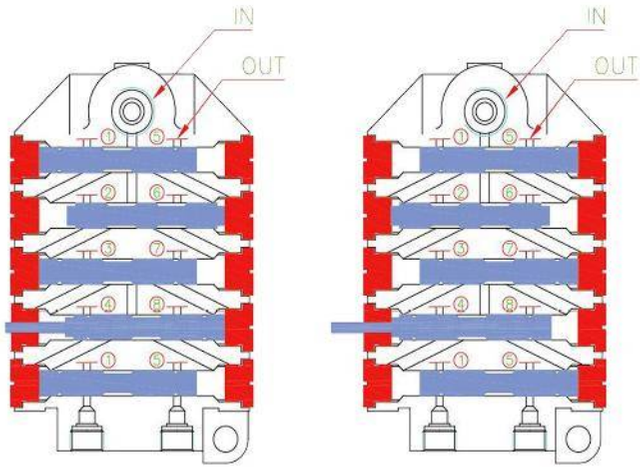

(37)
(68)
54
45
(58)
2-ø7
Detection
Switch
IN (PS1/4)
N-OUT (PS1/8)
10
15
38
(52)
26

Characteristics & Dimensions

DU-P SERIES

MODEL	DETECTION SWITCH	NUMBER OF OUTLETS	METERED VOLUME	MAXIMUM OUTPUT PRESSURE	WEIGHT (Gr.)
DG-0200	INCLUDED	4	0.33	15.00 (150.00)	350.00
DG-0300	INCLUDED	6			350.00
DG-0400	INCLUDED	8			320.00
DG-0500	INCLUDED	10			440.00
DG-0600	INCLUDED	12			440.00

** Metered volume is determinde by c.c./stroke.
*** Maximum Output Pressure is determined in Mpa (Kgf/cm²).
**** All dimensions are given in millimeters.



DU-Series Operatian

As grease passes IN, each pistan balances at the position as Diagram l.

The grease continuously pushes the left side of No.3 piston hole and pushes piston 3- 7 rightward to discharge grease in No.6 outlet.

The inclined right-sided holes of the closed No.3 piston hole and No.4 piston hole connect, and the inclined left-sided hole of No.4 piston hole connects the No.3 outlet.

The grease continuously pushes the right side of No.4 piston hole and pushes piston 4-8 leftward to discharge grease in No.3 outlet.

The inclined left-sided holes of the closed No.4 piston hole and No.1 piston hole connect, and the inclined right-sided hole of No.1 pistonhole connects the No.8 outlet.

The grease continuously pushes the left side of No.1 piston hole and pushes piston 1-5 rightward to discharge grease in No.8 outlet.

The inclined left-sided holes of the closed No.1 piston hole and No.2 piston hole connect, and the inclined left-sided hole of No.2 piston hole connects the No.1 outlet.

The grease continuously pushes the right side of No.2-6 piston hole and pushes piston leftward to discharge grease in No.1 outlet.

The first half of the discharging completes, and the final position is as Diagram2. The second half cycle is almost the same.

Note: *Please **DO NOT** plug any outlet on puppose. The distributor **CAN NOT** operate at this condistion*

ISH DU-10T
SM DU-10T

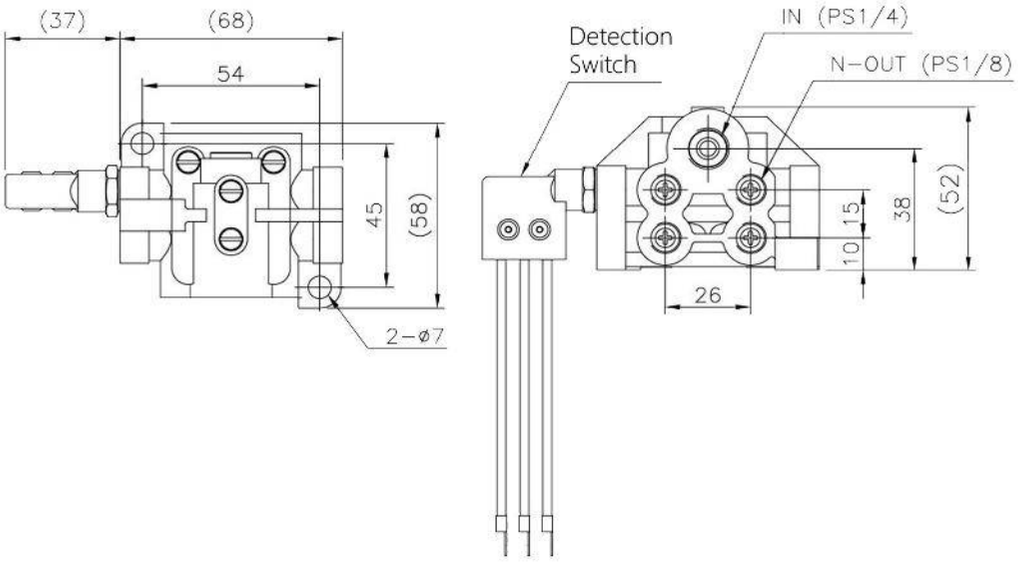
PROGRESSIVE GREASE DISTRIBUITORS

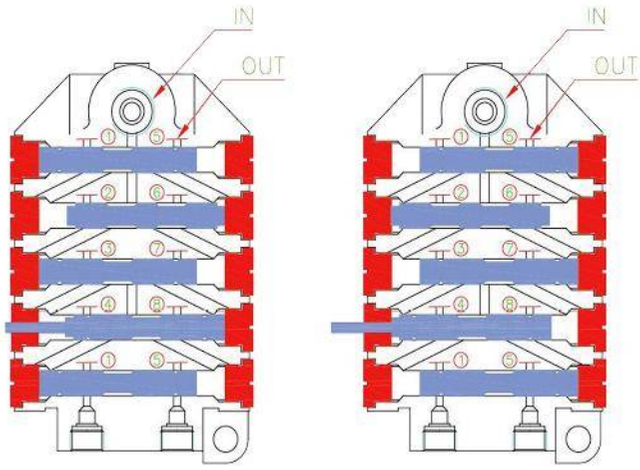
Characteristics & Dimensions

DT SERIES

MODEL	NUMBER OF OULETS	A	B	METERED VOLUME (c.c.)
DT-0200	2	75.00	39.00 ~ 43.00	0.10 0.16 0.20 0.30 0.40 0.50
DT-0300	3	90.00	54.00 ~ 58.00	
DT-0400	4	105.00	69.00 ~ 73.00	
DT-0500	5	126.00	84.00 ~ 88.00	
DT-0600	6	135.00	99.00 ~ 103.00	

*** All dimensions are given in millimeters.


(37)
(68)
54
45
(58)
2-ø7
Detection
Switch
IN (PS1/4)
N-OUT (PS1/8)
10
15
38
(52)
26



DU-Series Operatian

As grease passes IN, each pistan balances at the position as Diagram l.

The grease continuously pushes the left side of No.3 piston hole and pushes piston 3- 7 rightward to discharge grease in No.6 outlet.

The inclined right-sided holes of the closed No.3 piston hole and No.4 piston hole connect, and the inclined left-sided hole of No.4 piston hole connects the No.3 outlet.

The grease continuously pushes the right side of No.4 piston hole and pushes piston 4-8 leftward to discharge grease in No.3 outlet.

The inclined left-sided holes of the closed No.4 piston hole and No.1 piston hole connect, and the inclined right-sided hole of No.1 pistonhole connects the No.8 outlet.

The grease continuously pushes the left side of No.1 piston hole and pushes piston 1-5 rightward to discharge grease in No.8 outlet.

The inclined left-sided holes of the closed No.1 piston hole and No.2 piston hole connect, and the inclined left-sided hole of No.2 piston hole connects the No.1 outlet.

The grease continuously pushes the right side of No.2-6 piston hole and pushes piston leftward to discharge grease in No.1 outlet.

The first half of the discharging completes, and the final position is as Diagram2. The second half cycle is almost the same.

Note: *Please **DO NOT** plug any outlet on puppose. The distributor **CAN NOT** operate at this condistion*

ISH DU-12P
SM DU-12P

PROGRESSIUVE GREASE DISTRIBUITORS

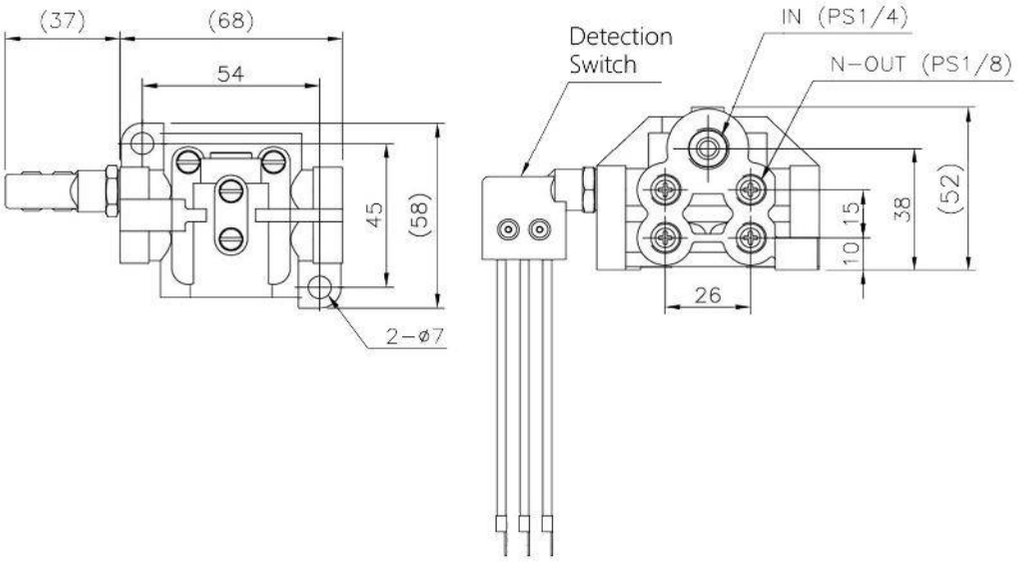
(WITH DETECTION SWITCH)

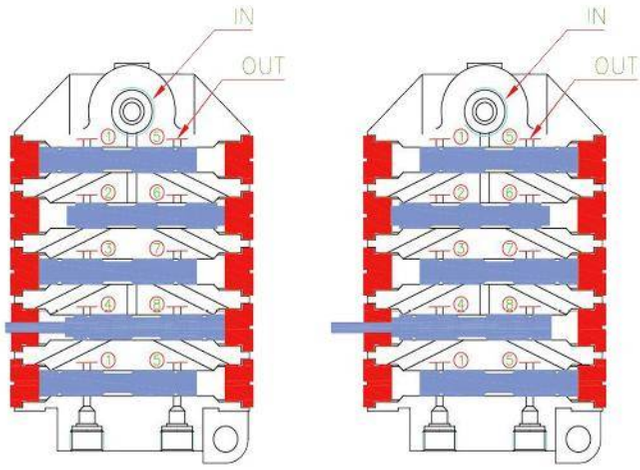
Characteristics & Dimensions

DU-P SERIES

MODEL	DETECTION SWITCH	NUMBER OF OUTLETS	METERED VOLUME	MAXIMUM OUTPUT PRESSURE	WEIGHT (Gr.)
DG-0200	INCLUDED	4	0.33	15.00 (150.00)	350.00
DG-0300	INCLUDED	6			350.00
DG-0400	INCLUDED	8			320.00
DG-0500	INCLUDED	10			440.00
DG-0600	INCLUDED	12			440.00

** Metered volume is determinde by c.c./stroke.
*** Maximum Output Pressure is determined in Mpa (Kgf/cm²).
**** All dimensions are given in millimeters.


(37)
(68)
54
45
(58)
2-ø7
Detection
Switch
IN (PS1/4)
N-OUT (PS1/8)
10
15
38
(52)
26



DU-Series Operatian

As grease passes IN, each pistan balances at the position as Diagram l.

The grease continuously pushes the left side of No.3 piston hole and pushes piston 3- 7 rightward to discharge grease in No.6 outlet.

The inclined right-sided holes of the closed No.3 piston hole and No.4 piston hole connect, and the inclined left-sided hole of No.4 piston hole connects the No.3 outlet.

The grease continuously pushes the right side of No.4 piston hole and pushes piston 4-8 leftward to discharge grease in No.3 outlet.

The inclined left-sided holes of the closed No.4 piston hole and No.1 piston hole connect, and the inclined right-sided hole of No.1 pistonhole connects the No.8 outlet.

The grease continuously pushes the left side of No.1 piston hole and pushes piston 1-5 rightward to discharge grease in No.8 outlet.

The inclined left-sided holes of the closed No.1 piston hole and No.2 piston hole connect, and the inclined left-sided hole of No.2 piston hole connects the No.1 outlet.

The grease continuously pushes the right side of No.2-6 piston hole and pushes piston leftward to discharge grease in No.1 outlet.

The first half of the discharging completes, and the final position is as Diagram2. The second half cycle is almost the same.

***Note**: Please **DO NOT** plug any outlet on puppose. The distributor **CAN NOT** operate at this condistion*

ISH DU-12T
SM DU-12T

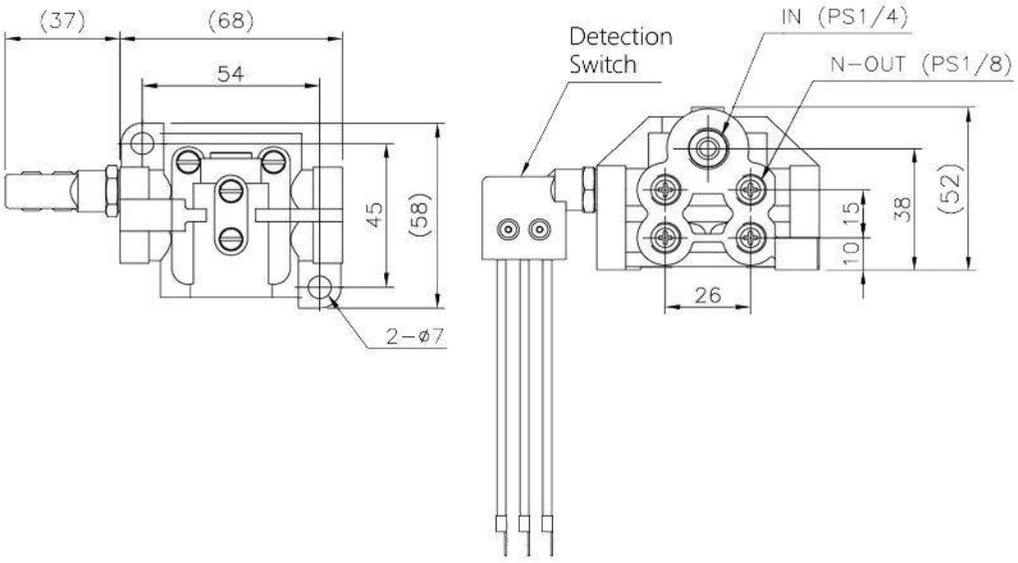
PROGRESSIVE GREASE DISTRIBUITORS

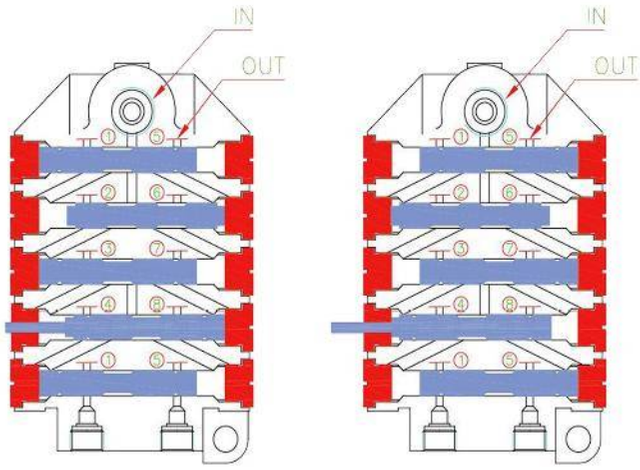
Characteristics & Dimensions

DT SERIES

MODEL	NUMBER OF OULETS	A	B	METERED VOLUME (c.c.)
DT-0200	2	75.00	*39.00 ~ 43.00*	*0.10*
DT-0300	3	90.00	*54.00 ~ 58.00*	*0.16*
DT-0400	4	105.00	*69.00 ~ 73.00*	*0.20*
DT-0500	5	126.00	*84.00 ~ 88.00*	*0.30*
DT-0600	6	135.00	*99.00 ~ 103.00*	*0.40*
				0.50

**** All dimensions are given in millimeters.*


(37)
(68)
54
45
(58)
2-ø7
Detection
Switch
IN (PS1/4)
N-OUT (PS1/8)
10
15
38
(52)
26



DU-Series Operatian

As grease passes IN, each pistan balances at the position as Diagram l.

The grease continuously pushes the left side of No.3 piston hole and pushes piston 3- 7 rightward to discharge grease in No.6 outlet.

The inclined right-sided holes of the closed No.3 piston hole and No.4 piston hole connect, and the inclined left-sided hole of No.4 piston hole connects the No.3 outlet.

The grease continuously pushes the right side of No.4 piston hole and pushes piston 4-8 leftward to discharge grease in No.3 outlet.

The inclined left-sided holes of the closed No.4 piston hole and No.1 piston hole connect, and the inclined right-sided hole of No.1 pistonhole connects the No.8 outlet.

The grease continuously pushes the left side of No.1 piston hole and pushes piston 1-5 rightward to discharge grease in No.8 outlet.

The inclined left-sided holes of the closed No.1 piston hole and No.2 piston hole connect, and the inclined left-sided hole of No.2 piston hole connects the No.1 outlet.

The grease continuously pushes the right side of No.2-6 piston hole and pushes piston leftward to discharge grease in No.1 outlet.

The first half of the discharging completes, and the final position is as Diagram2. The second half cycle is almost the same.

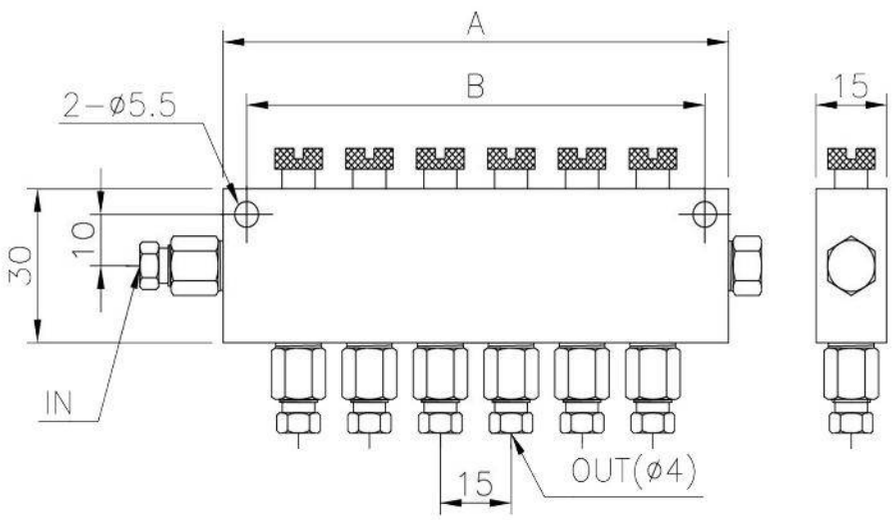
***Note**: Please **DO NOT** plug any outlet on puppose. The distributor **CAN NOT** operate at this condistion*

ISH DV SERIES
SM DV SERIES

RESISTANCE OIL DISTRIBUTORS

ISH DV024
SM DV024

RESISTANCE OIL DISTRIBUITORS


A
B
2-ø5.5
15
30
10
IN
15
OUT(ø4)

Characteristics & Dimensions

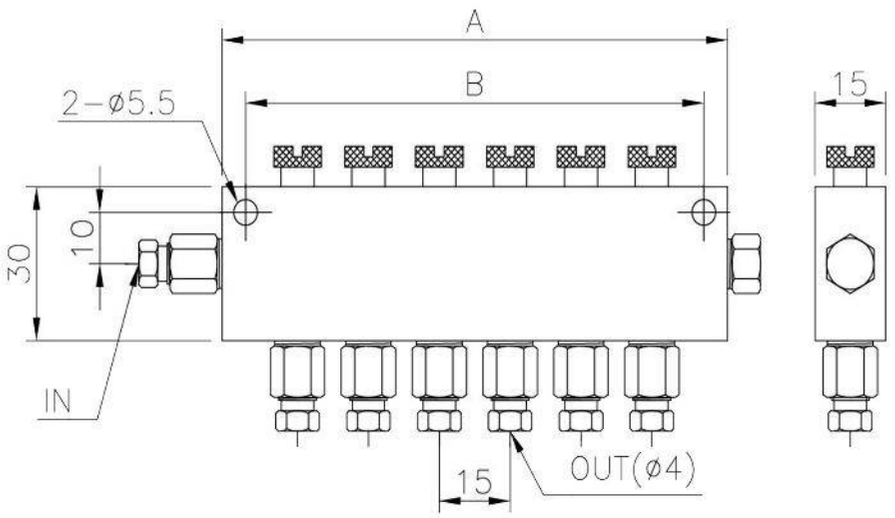
DV SERIES

MODEL	NUMBER OF OUTLETS	INLET BORE	OUTLET BORE	A	B	WEIGHT (Kg)
DV024	2	Ø4	Ø4 / Ø6	47.00	37.00	101.00
DV026		Ø6				
DV034	3	Ø4	Ø4 / Ø6	62.00	52.00	131.00
DV036		Ø6				
DV044	4	Ø4	Ø4 / Ø6	77.00	67.00	165.00
DV046		Ø6				
DV054	5	Ø4	Ø4 / Ø6	92.00	82.00	194.00
DV056		Ø6				
DV064	6	Ø4	Ø4 / Ø6	107.00	97.00	228.00
DV066		Ø6				
DV074	7	Ø4	Ø4 / Ø6	122.00	112.00	255.00
DV076		Ø6				
DV084	8	Ø4	Ø4 / Ø6	137.00	127.00	290.00
DV086		Ø6				
DV094	9	Ø4	Ø4 / Ø6	152.00	142.00	321.00
DV096		Ø6				
DV104	10	Ø4	Ø4 / Ø6	137.00	157.00	355.00
DV106		Ø6				
DV124	12	Ø4	Ø4 / Ø6	197.00	187.00	386.00
DV126		Ø6				

***** All dimensions are given in millimeters.*

ISH DV026
SM DV026

RESISTANCE OIL DISTRIBUITORS


A
B
2-ø5.5
15
30
10
IN
15
OUT(ø4)

Characteristics & Dimensions

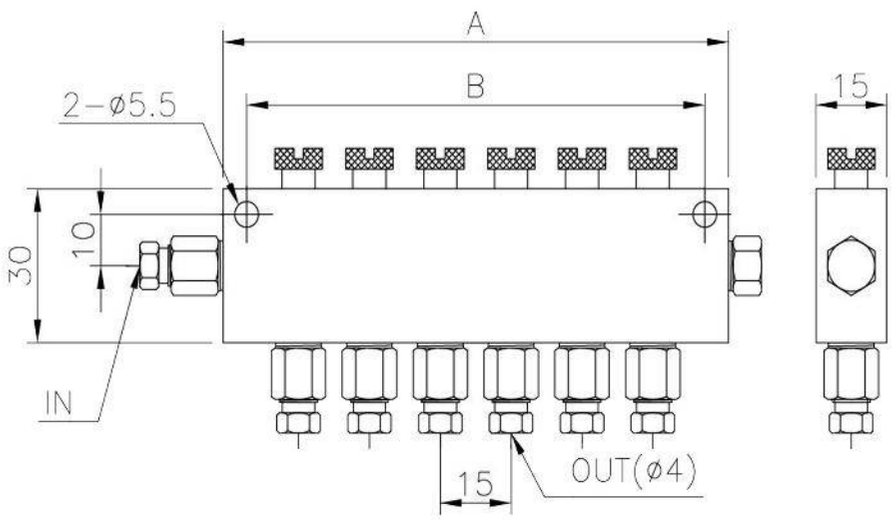
DV SERIES

MODEL	NUMBER OF OUTLETS	INLET BORE	OUTLET BORE	A	B	WEIGHT (Kg)
DV024	2	Ø4	Ø4 / Ø6	47.00	37.00	101.00
DV026		Ø6				
DV034	3	Ø4	Ø4 / Ø6	62.00	52.00	131.00
DV036		Ø6				
DV044	4	Ø4	Ø4 / Ø6	77.00	67.00	165.00
DV046		Ø6				
DV054	5	Ø4	Ø4 / Ø6	92.00	82.00	194.00
DV056		Ø6				
DV064	6	Ø4	Ø4 / Ø6	107.00	97.00	228.00
DV066		Ø6				
DV074	7	Ø4	Ø4 / Ø6	122.00	112.00	255.00
DV076		Ø6				
DV084	8	Ø4	Ø4 / Ø6	137.00	127.00	290.00
DV086		Ø6				
DV094	9	Ø4	Ø4 / Ø6	152.00	142.00	321.00
DV096		Ø6				
DV104	10	Ø4	Ø4 / Ø6	137.00	157.00	355.00
DV106		Ø6				
DV124	12	Ø4	Ø4 / Ø6	197.00	187.00	386.00
DV126		Ø6				

***** All dimensions are given in millimeters.*

ISH DV034
SM DV034

RESISTANCE OIL DISTRIBUITORS


A
B
2-ø5.5
15
30
10
IN
15
OUT(ø4)

Characteristics & Dimensions

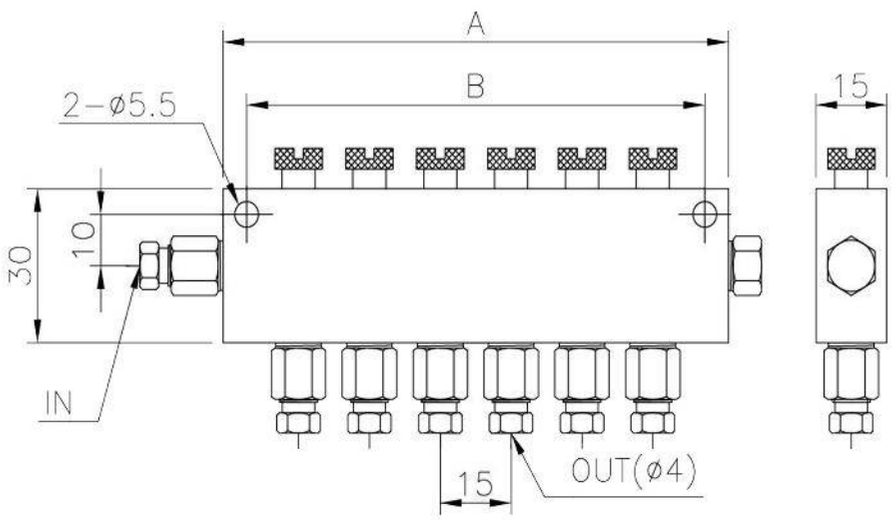
DV SERIES

MODEL	NUMBER OF OUTLETS	INLET BORE	OUTLET BORE	A	B	WEIGHT (Kg)
DV024	2	Ø4	Ø4 / Ø6	47.00	37.00	101.00
DV026		Ø6				
DV034	3	Ø4	Ø4 / Ø6	62.00	52.00	131.00
DV036		Ø6				
DV044	4	Ø4	Ø4 / Ø6	77.00	67.00	165.00
DV046		Ø6				
DV054	5	Ø4	Ø4 / Ø6	92.00	82.00	194.00
DV056		Ø6				
DV064	6	Ø4	Ø4 / Ø6	107.00	97.00	228.00
DV066		Ø6				
DV074	7	Ø4	Ø4 / Ø6	122.00	112.00	255.00
DV076		Ø6				
DV084	8	Ø4	Ø4 / Ø6	137.00	127.00	290.00
DV086		Ø6				
DV094	9	Ø4	Ø4 / Ø6	152.00	142.00	321.00
DV096		Ø6				
DV104	10	Ø4	Ø4 / Ø6	137.00	157.00	355.00
DV106		Ø6				
DV124	12	Ø4	Ø4 / Ø6	197.00	187.00	386.00
DV126		Ø6				

***** All dimensions are given in millimeters.*

ISH DV036
SM DV036

RESISTANCE OIL DISTRIBUITORS


A
B
2-ø5.5
15
30
10
IN
15
OUT(ø4)

Characteristics & Dimensions

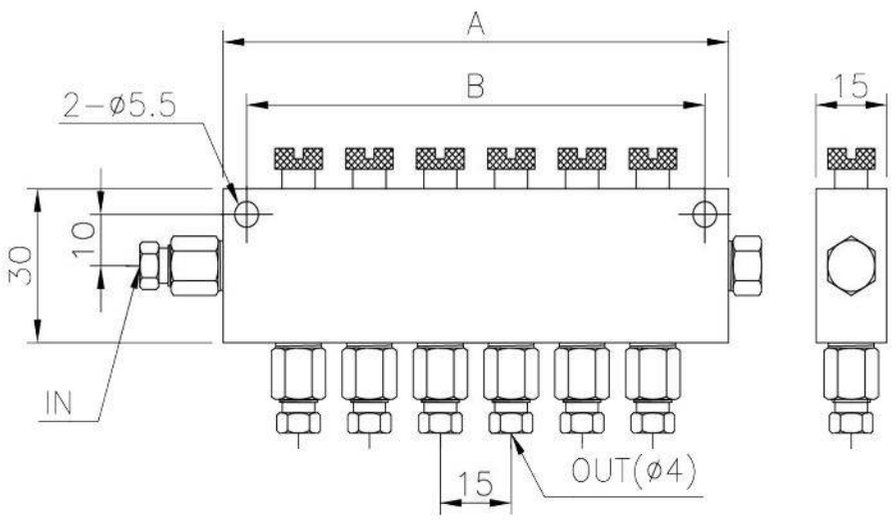
DV SERIES

MODEL	NUMBER OF OUTLETS	INLET BORE	OUTLET BORE	A	B	WEIGHT (Kg)
DV024	2	Ø4	Ø4 / Ø6	47.00	37.00	101.00
DV026		Ø6				
DV034	3	Ø4	Ø4 / Ø6	62.00	52.00	131.00
DV036		Ø6				
DV044	4	Ø4	Ø4 / Ø6	77.00	67.00	165.00
DV046		Ø6				
DV054	5	Ø4	Ø4 / Ø6	92.00	82.00	194.00
DV056		Ø6				
DV064	6	Ø4	Ø4 / Ø6	107.00	97.00	228.00
DV066		Ø6				
DV074	7	Ø4	Ø4 / Ø6	122.00	112.00	255.00
DV076		Ø6				
DV084	8	Ø4	Ø4 / Ø6	137.00	127.00	290.00
DV086		Ø6				
DV094	9	Ø4	Ø4 / Ø6	152.00	142.00	321.00
DV096		Ø6				
DV104	10	Ø4	Ø4 / Ø6	137.00	157.00	355.00
DV106		Ø6				
DV124	12	Ø4	Ø4 / Ø6	197.00	187.00	386.00
DV126		Ø6				

***** All dimensions are given in millimeters.*

ISH DV044
SM DV044

RESISTANCE OIL DISTRIBUITORS


A
B
2-ø5.5
15
30
10
IN
15
OUT(ø4)

Characteristics & Dimensions

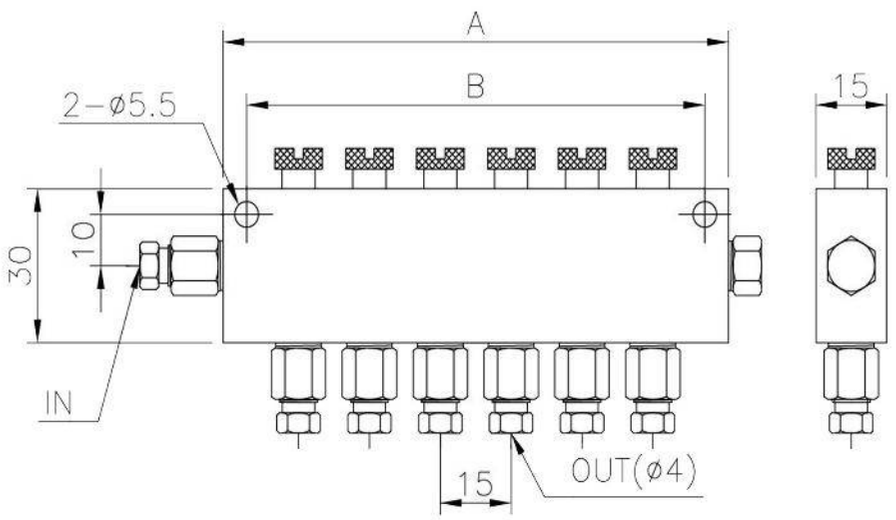
DV SERIES

MODEL	NUMBER OF OUTLETS	INLET BORE	OUTLET BORE	A	B	WEIGHT (Kg)
DV024	2	Ø4	Ø4 / Ø6	47.00	37.00	101.00
DV026		Ø6				
DV034	3	Ø4	Ø4 / Ø6	62.00	52.00	131.00
DV036		Ø6				
DV044	4	Ø4	Ø4 / Ø6	77.00	67.00	165.00
DV046		Ø6				
DV054	5	Ø4	Ø4 / Ø6	92.00	82.00	194.00
DV056		Ø6				
DV064	6	Ø4	Ø4 / Ø6	107.00	97.00	228.00
DV066		Ø6				
DV074	7	Ø4	Ø4 / Ø6	122.00	112.00	255.00
DV076		Ø6				
DV084	8	Ø4	Ø4 / Ø6	137.00	127.00	290.00
DV086		Ø6				
DV094	9	Ø4	Ø4 / Ø6	152.00	142.00	321.00
DV096		Ø6				
DV104	10	Ø4	Ø4 / Ø6	137.00	157.00	355.00
DV106		Ø6				
DV124	12	Ø4	Ø4 / Ø6	197.00	187.00	386.00
DV126		Ø6				

***** All dimensions are given in millimeters.*

ISH DV046
SM DV046

RESISTANCE OIL DISTRIBUITORS


A
B
2-ø5.5
15
30
10
IN
15
OUT(ø4)

Characteristics & Dimensions

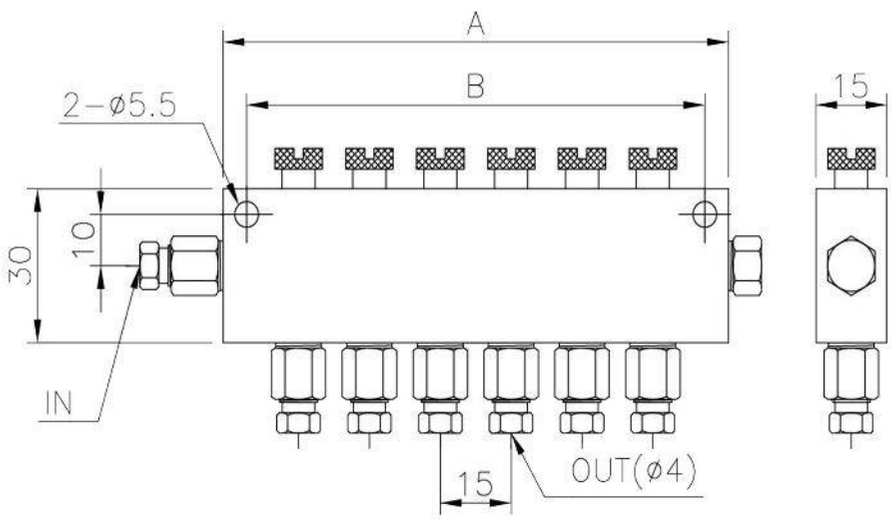
DV SERIES

MODEL	NUMBER OF OUTLETS	INLET BORE	OUTLET BORE	A	B	WEIGHT (Kg)
DV024	2	Ø4	Ø4 / Ø6	47.00	37.00	101.00
DV026		Ø6				
DV034	3	Ø4	Ø4 / Ø6	62.00	52.00	131.00
DV036		Ø6				
DV044	4	Ø4	Ø4 / Ø6	77.00	67.00	165.00
DV046		Ø6				
DV054	5	Ø4	Ø4 / Ø6	92.00	82.00	194.00
DV056		Ø6				
DV064	6	Ø4	Ø4 / Ø6	107.00	97.00	228.00
DV066		Ø6				
DV074	7	Ø4	Ø4 / Ø6	122.00	112.00	255.00
DV076		Ø6				
DV084	8	Ø4	Ø4 / Ø6	137.00	127.00	290.00
DV086		Ø6				
DV094	9	Ø4	Ø4 / Ø6	152.00	142.00	321.00
DV096		Ø6				
DV104	10	Ø4	Ø4 / Ø6	137.00	157.00	355.00
DV106		Ø6				
DV124	12	Ø4	Ø4 / Ø6	197.00	187.00	386.00
DV126		Ø6				

***** All dimensions are given in millimeters.*

ISH DV054
SM DV054

RESISTANCE OIL DISTRIBUITORS


A
B
2-ø5.5
15
30
10
IN
15
OUT(ø4)

Characteristics & Dimensions

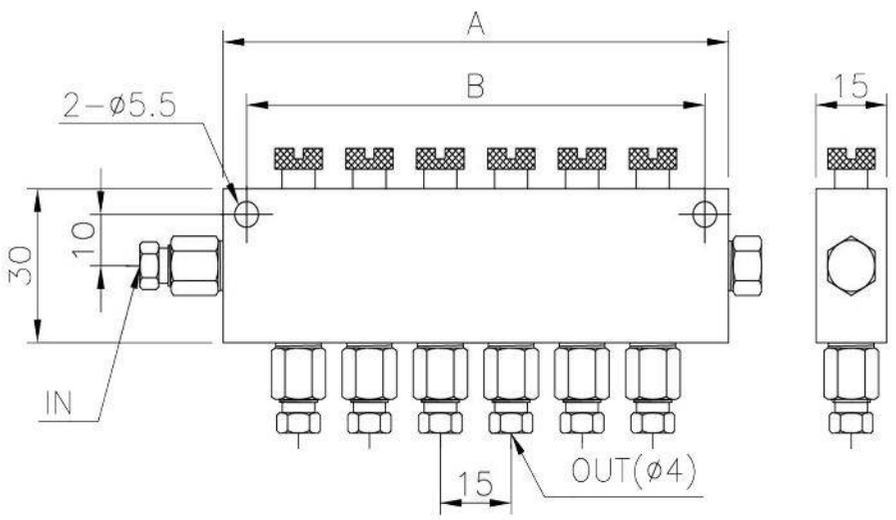
DV SERIES

MODEL	NUMBER OF OUTLETS	INLET BORE	OUTLET BORE	A	B	WEIGHT (Kg)
DV024	2	Ø4	Ø4 / Ø6	47.00	37.00	101.00
DV026		Ø6				
DV034	3	Ø4	Ø4 / Ø6	62.00	52.00	131.00
DV036		Ø6				
DV044	4	Ø4	Ø4 / Ø6	77.00	67.00	165.00
DV046		Ø6				
DV054	5	Ø4	Ø4 / Ø6	92.00	82.00	194.00
DV056		Ø6				
DV064	6	Ø4	Ø4 / Ø6	107.00	97.00	228.00
DV066		Ø6				
DV074	7	Ø4	Ø4 / Ø6	122.00	112.00	255.00
DV076		Ø6				
DV084	8	Ø4	Ø4 / Ø6	137.00	127.00	290.00
DV086		Ø6				
DV094	9	Ø4	Ø4 / Ø6	152.00	142.00	321.00
DV096		Ø6				
DV104	10	Ø4	Ø4 / Ø6	137.00	157.00	355.00
DV106		Ø6				
DV124	12	Ø4	Ø4 / Ø6	197.00	187.00	386.00
DV126		Ø6				

***** All dimensions are given in millimeters.*

ISH DV056
SM DV056

RESISTANCE OIL DISTRIBUITORS


A
B
2-ø5.5
15
30
10
IN
15
OUT(ø4)

Characteristics & Dimensions

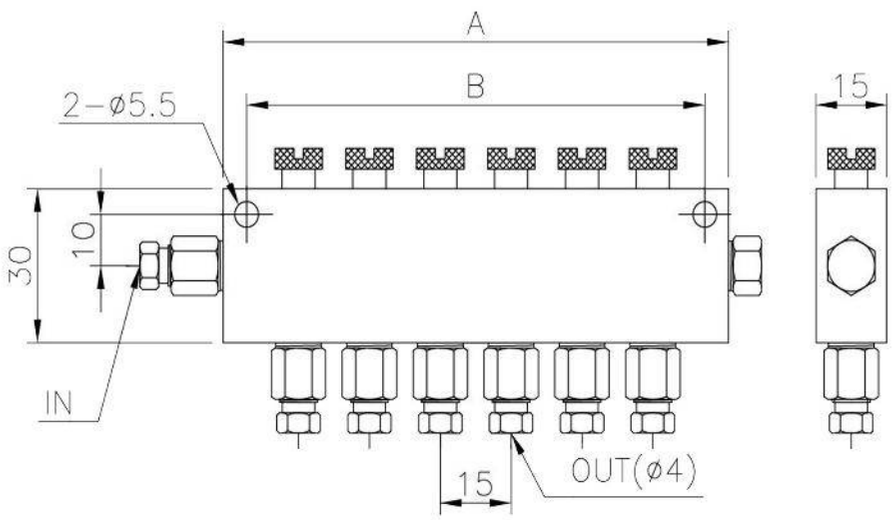
DV SERIES

MODEL	NUMBER OF OUTLETS	INLET BORE	OUTLET BORE	A	B	WEIGHT (Kg)
DV024	2	Ø4	Ø4 / Ø6	47.00	37.00	101.00
DV026		Ø6				
DV034	3	Ø4	Ø4 / Ø6	62.00	52.00	131.00
DV036		Ø6				
DV044	4	Ø4	Ø4 / Ø6	77.00	67.00	165.00
DV046		Ø6				
DV054	5	Ø4	Ø4 / Ø6	92.00	82.00	194.00
DV056		Ø6				
DV064	6	Ø4	Ø4 / Ø6	107.00	97.00	228.00
DV066		Ø6				
DV074	7	Ø4	Ø4 / Ø6	122.00	112.00	255.00
DV076		Ø6				
DV084	8	Ø4	Ø4 / Ø6	137.00	127.00	290.00
DV086		Ø6				
DV094	9	Ø4	Ø4 / Ø6	152.00	142.00	321.00
DV096		Ø6				
DV104	10	Ø4	Ø4 / Ø6	137.00	157.00	355.00
DV106		Ø6				
DV124	12	Ø4	Ø4 / Ø6	197.00	187.00	386.00
DV126		Ø6				

***** All dimensions are given in millimeters.*

ISH DV064
SM DV064

RESISTANCE OIL DISTRIBUITORS


A
B
2-ø5.5
15
30
10
IN
15
OUT(ø4)

Characteristics & Dimensions

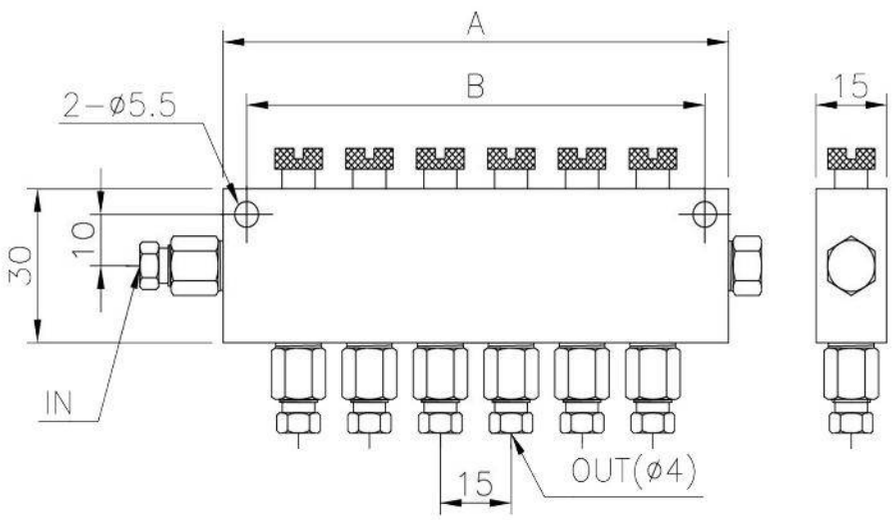
DV SERIES

MODEL	NUMBER OF OUTLETS	INLET BORE	OUTLET BORE	A	B	WEIGHT (Kg)
DV024	2	Ø4	Ø4 / Ø6	47.00	37.00	101.00
DV026		Ø6				
DV034	3	Ø4	Ø4 / Ø6	62.00	52.00	131.00
DV036		Ø6				
DV044	4	Ø4	Ø4 / Ø6	77.00	67.00	165.00
DV046		Ø6				
DV054	5	Ø4	Ø4 / Ø6	92.00	82.00	194.00
DV056		Ø6				
DV064	6	Ø4	Ø4 / Ø6	107.00	97.00	228.00
DV066		Ø6				
DV074	7	Ø4	Ø4 / Ø6	122.00	112.00	255.00
DV076		Ø6				
DV084	8	Ø4	Ø4 / Ø6	137.00	127.00	290.00
DV086		Ø6				
DV094	9	Ø4	Ø4 / Ø6	152.00	142.00	321.00
DV096		Ø6				
DV104	10	Ø4	Ø4 / Ø6	137.00	157.00	355.00
DV106		Ø6				
DV124	12	Ø4	Ø4 / Ø6	197.00	187.00	386.00
DV126		Ø6				

***** All dimensions are given in millimeters.*

ISH DV066
SM DV066

RESISTANCE OIL DISTRIBUITORS


A
B
2-ø5.5
15
30
10
IN
15
OUT(ø4)

Characteristics & Dimensions

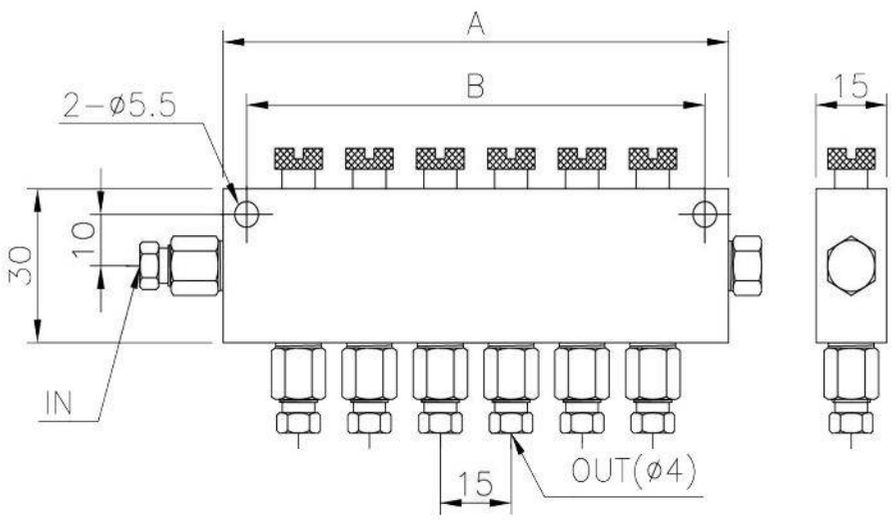
DV SERIES

MODEL	NUMBER OF OUTLETS	INLET BORE	OUTLET BORE	A	B	WEIGHT (Kg)
DV024	2	Ø4	Ø4 / Ø6	47.00	37.00	101.00
DV026		Ø6				
DV034	3	Ø4	Ø4 / Ø6	62.00	52.00	131.00
DV036		Ø6				
DV044	4	Ø4	Ø4 / Ø6	77.00	67.00	165.00
DV046		Ø6				
DV054	5	Ø4	Ø4 / Ø6	92.00	82.00	194.00
DV056		Ø6				
DV064	6	Ø4	Ø4 / Ø6	107.00	97.00	228.00
DV066		Ø6				
DV074	7	Ø4	Ø4 / Ø6	122.00	112.00	255.00
DV076		Ø6				
DV084	8	Ø4	Ø4 / Ø6	137.00	127.00	290.00
DV086		Ø6				
DV094	9	Ø4	Ø4 / Ø6	152.00	142.00	321.00
DV096		Ø6				
DV104	10	Ø4	Ø4 / Ø6	137.00	157.00	355.00
DV106		Ø6				
DV124	12	Ø4	Ø4 / Ø6	197.00	187.00	386.00
DV126		Ø6				

***** All dimensions are given in millimeters.*

ISH DV074
SM DV074

RESISTANCE OIL DISTRIBUITORS


A
B
2-ø5.5
15
30
10
IN
15
OUT(ø4)

Characteristics & Dimensions

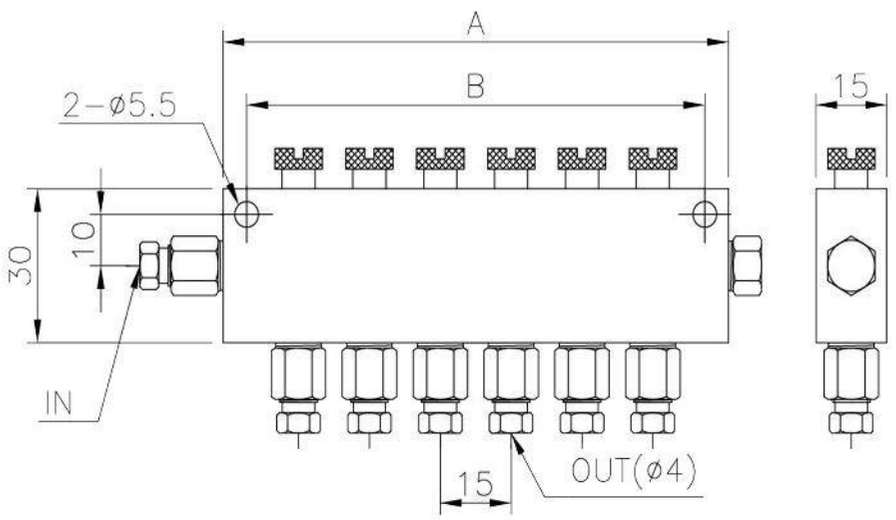
DV SERIES

MODEL	NUMBER OF OUTLETS	INLET BORE	OUTLET BORE	A	B	WEIGHT (Kg)
DV024	2	Ø4	Ø4 / Ø6	47.00	37.00	101.00
DV026		Ø6				
DV034	3	Ø4	Ø4 / Ø6	62.00	52.00	131.00
DV036		Ø6				
DV044	4	Ø4	Ø4 / Ø6	77.00	67.00	165.00
DV046		Ø6				
DV054	5	Ø4	Ø4 / Ø6	92.00	82.00	194.00
DV056		Ø6				
DV064	6	Ø4	Ø4 / Ø6	107.00	97.00	228.00
DV066		Ø6				
DV074	7	Ø4	Ø4 / Ø6	122.00	112.00	255.00
DV076		Ø6				
DV084	8	Ø4	Ø4 / Ø6	137.00	127.00	290.00
DV086		Ø6				
DV094	9	Ø4	Ø4 / Ø6	152.00	142.00	321.00
DV096		Ø6				
DV104	10	Ø4	Ø4 / Ø6	137.00	157.00	355.00
DV106		Ø6				
DV124	12	Ø4	Ø4 / Ø6	197.00	187.00	386.00
DV126		Ø6				

***** All dimensions are given in millimeters.*

ISH DV076
SM DV076

RESISTANCE OIL DISTRIBUITORS


A
B
2-ø5.5
15
30
10
IN
15
OUT(ø4)

Characteristics & Dimensions

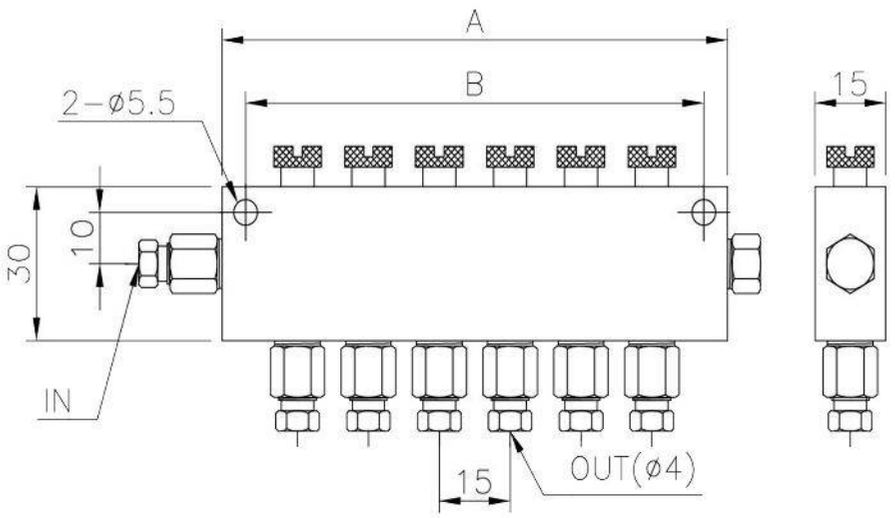
DV SERIES

MODEL	NUMBER OF OUTLETS	INLET BORE	OUTLET BORE	A	B	WEIGHT (Kg)
DV024	2	Ø4	Ø4 / Ø6	47.00	37.00	101.00
DV026		Ø6				
DV034	3	Ø4	Ø4 / Ø6	62.00	52.00	131.00
DV036		Ø6				
DV044	4	Ø4	Ø4 / Ø6	77.00	67.00	165.00
DV046		Ø6				
DV054	5	Ø4	Ø4 / Ø6	92.00	82.00	194.00
DV056		Ø6				
DV064	6	Ø4	Ø4 / Ø6	107.00	97.00	228.00
DV066		Ø6				
DV074	7	Ø4	Ø4 / Ø6	122.00	112.00	255.00
DV076		Ø6				
DV084	8	Ø4	Ø4 / Ø6	137.00	127.00	290.00
DV086		Ø6				
DV094	9	Ø4	Ø4 / Ø6	152.00	142.00	321.00
DV096		Ø6				
DV104	10	Ø4	Ø4 / Ø6	137.00	157.00	355.00
DV106		Ø6				
DV124	12	Ø4	Ø4 / Ø6	197.00	187.00	386.00
DV126		Ø6				

***** All dimensions are given in millimeters.*

ISH DV084
SM DV084

RESISTANCE OIL DISTRIBUITORS


A
B
2-ø5.5
15
30
10
IN
15
OUT(ø4)

Characteristics & Dimensions

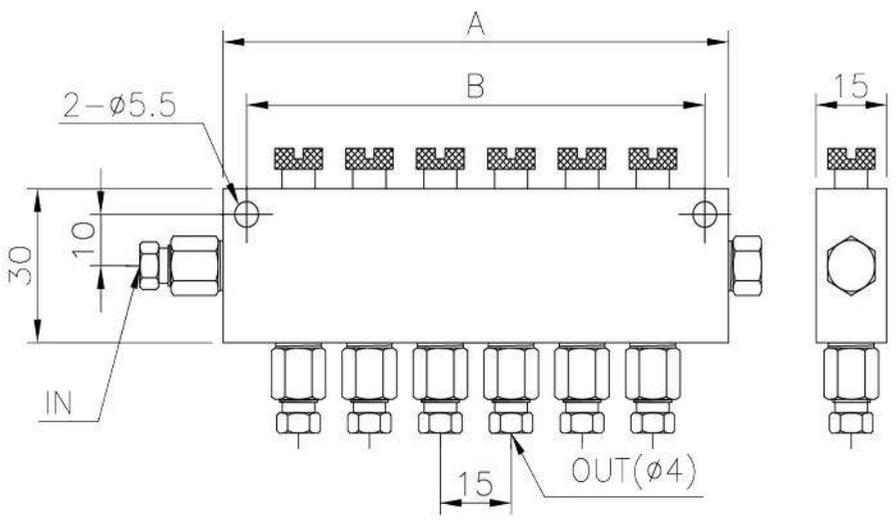
DV SERIES

MODEL	NUMBER OF OUTLETS	INLET BORE	OUTLET BORE	A	B	WEIGHT (Kg)
DV024	2	Ø4	Ø4 / Ø6	47.00	37.00	101.00
DV026		Ø6				
DV034	3	Ø4	Ø4 / Ø6	62.00	52.00	131.00
DV036		Ø6				
DV044	4	Ø4	Ø4 / Ø6	77.00	67.00	165.00
DV046		Ø6				
DV054	5	Ø4	Ø4 / Ø6	92.00	82.00	194.00
DV056		Ø6				
DV064	6	Ø4	Ø4 / Ø6	107.00	97.00	228.00
DV066		Ø6				
DV074	7	Ø4	Ø4 / Ø6	122.00	112.00	255.00
DV076		Ø6				
DV084	8	Ø4	Ø4 / Ø6	137.00	127.00	290.00
DV086		Ø6				
DV094	9	Ø4	Ø4 / Ø6	152.00	142.00	321.00
DV096		Ø6				
DV104	10	Ø4	Ø4 / Ø6	137.00	157.00	355.00
DV106		Ø6				
DV124	12	Ø4	Ø4 / Ø6	197.00	187.00	386.00
DV126		Ø6				

***** All dimensions are given in millimeters.*

ISH DV086
SM DV086

RESISTANCE OIL DISTRIBUITORS


A
B
2-ø5.5
15
30
10
IN
15
OUT(ø4)

Characteristics & Dimensions

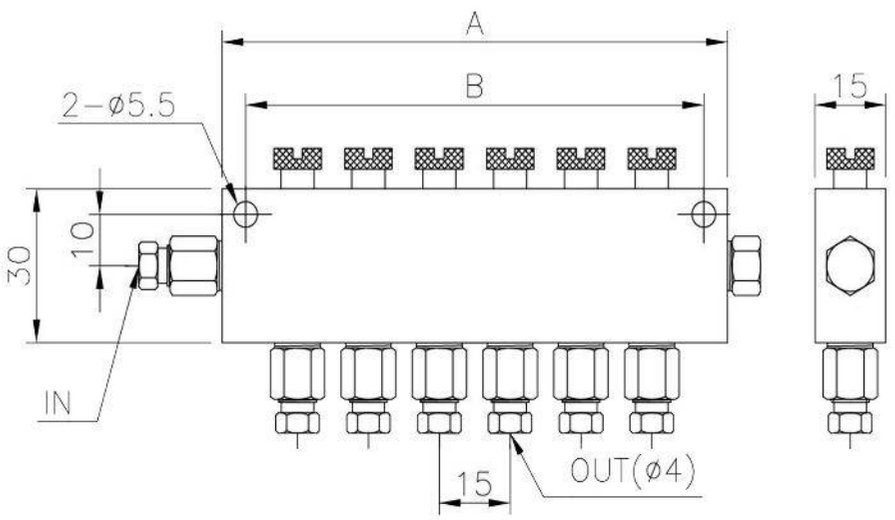
DV SERIES

MODEL	NUMBER OF OUTLETS	INLET BORE	OUTLET BORE	A	B	WEIGHT (Kg)
DV024	2	Ø4	Ø4 / Ø6	47.00	37.00	101.00
DV026		Ø6				
DV034	3	Ø4	Ø4 / Ø6	62.00	52.00	131.00
DV036		Ø6				
DV044	4	Ø4	Ø4 / Ø6	77.00	67.00	165.00
DV046		Ø6				
DV054	5	Ø4	Ø4 / Ø6	92.00	82.00	194.00
DV056		Ø6				
DV064	6	Ø4	Ø4 / Ø6	107.00	97.00	228.00
DV066		Ø6				
DV074	7	Ø4	Ø4 / Ø6	122.00	112.00	255.00
DV076		Ø6				
DV084	8	Ø4	Ø4 / Ø6	137.00	127.00	290.00
DV086		Ø6				
DV094	9	Ø4	Ø4 / Ø6	152.00	142.00	321.00
DV096		Ø6				
DV104	10	Ø4	Ø4 / Ø6	137.00	157.00	355.00
DV106		Ø6				
DV124	12	Ø4	Ø4 / Ø6	197.00	187.00	386.00
DV126		Ø6				

***** All dimensions are given in millimeters.*

ISH DV094
SM DV094

RESISTANCE OIL DISTRIBUITORS


A
B
2-ø5.5
15
30
10
IN
15
OUT(ø4)

Characteristics & Dimensions

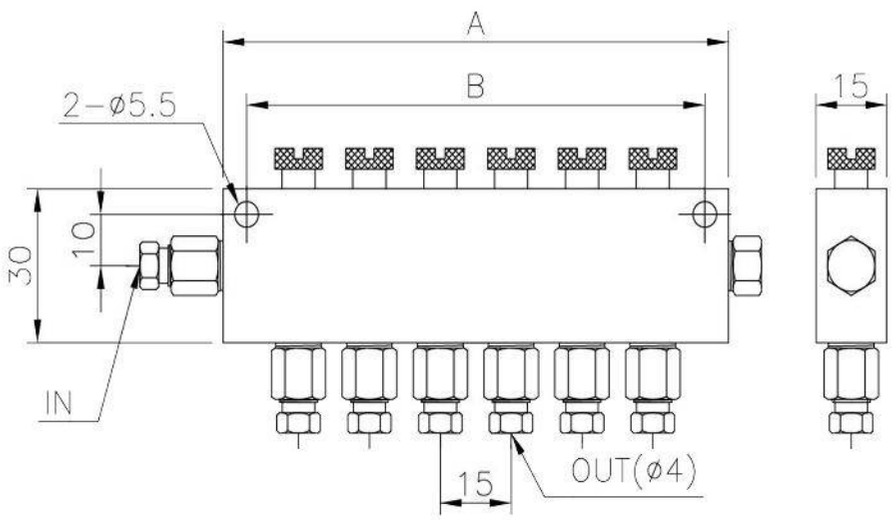
DV SERIES

MODEL	NUMBER OF OUTLETS	INLET BORE	OUTLET BORE	A	B	WEIGHT (Kg)
DV024	2	Ø4	Ø4 / Ø6	47.00	37.00	101.00
DV026		Ø6				
DV034	3	Ø4	Ø4 / Ø6	62.00	52.00	131.00
DV036		Ø6				
DV044	4	Ø4	Ø4 / Ø6	77.00	67.00	165.00
DV046		Ø6				
DV054	5	Ø4	Ø4 / Ø6	92.00	82.00	194.00
DV056		Ø6				
DV064	6	Ø4	Ø4 / Ø6	107.00	97.00	228.00
DV066		Ø6				
DV074	7	Ø4	Ø4 / Ø6	122.00	112.00	255.00
DV076		Ø6				
DV084	8	Ø4	Ø4 / Ø6	137.00	127.00	290.00
DV086		Ø6				
DV094	9	Ø4	Ø4 / Ø6	152.00	142.00	321.00
DV096		Ø6				
DV104	10	Ø4	Ø4 / Ø6	137.00	157.00	355.00
DV106		Ø6				
DV124	12	Ø4	Ø4 / Ø6	197.00	187.00	386.00
DV126		Ø6				

***** All dimensions are given in millimeters.*

ISH DV096
SM DV096

RESISTANCE OIL DISTRIBUITORS


A
B
2-ø5.5
15
30
10
IN
15
OUT(ø4)

Characteristics & Dimensions

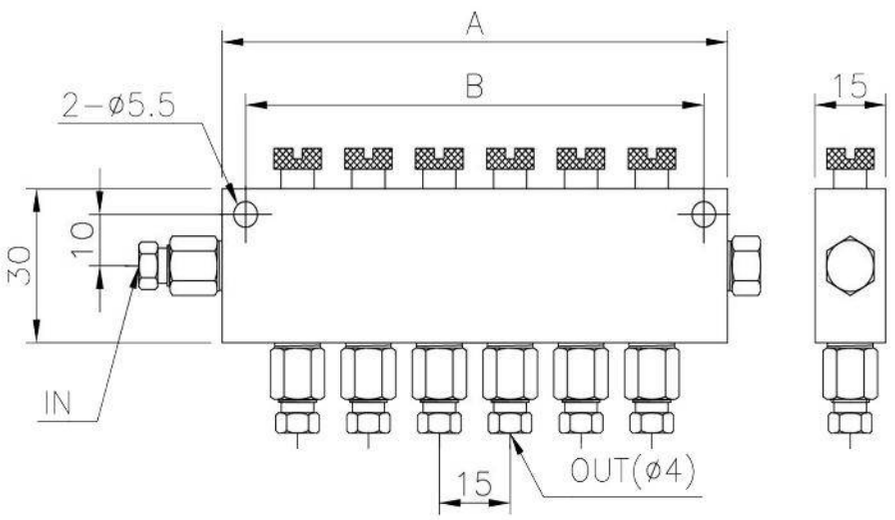
DV SERIES

MODEL	NUMBER OF OUTLETS	INLET BORE	OUTLET BORE	A	B	WEIGHT (Kg)
DV024	2	Ø4	Ø4 / Ø6	47.00	37.00	101.00
DV026		Ø6				
DV034	3	Ø4	Ø4 / Ø6	62.00	52.00	131.00
DV036		Ø6				
DV044	4	Ø4	Ø4 / Ø6	77.00	67.00	165.00
DV046		Ø6				
DV054	5	Ø4	Ø4 / Ø6	92.00	82.00	194.00
DV056		Ø6				
DV064	6	Ø4	Ø4 / Ø6	107.00	97.00	228.00
DV066		Ø6				
DV074	7	Ø4	Ø4 / Ø6	122.00	112.00	255.00
DV076		Ø6				
DV084	8	Ø4	Ø4 / Ø6	137.00	127.00	290.00
DV086		Ø6				
DV094	9	Ø4	Ø4 / Ø6	152.00	142.00	321.00
DV096		Ø6				
DV104	10	Ø4	Ø4 / Ø6	137.00	157.00	355.00
DV106		Ø6				
DV124	12	Ø4	Ø4 / Ø6	197.00	187.00	386.00
DV126		Ø6				

***** All dimensions are given in millimeters.*

ISH DV01004
SM DV01004

RESISTANCE OIL DISTRIBUITORS


A
B
2-ø5.5
15
30
10
IN
15
OUT(ø4)

Characteristics & Dimensions

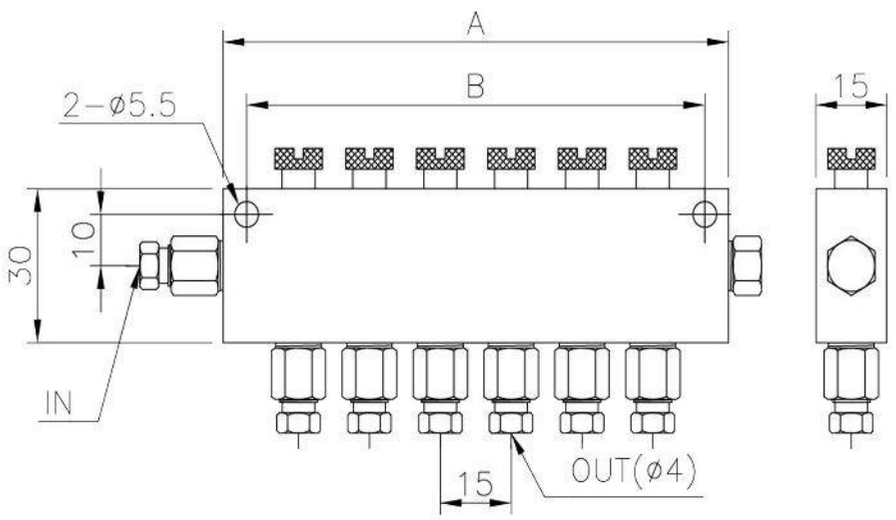
DV SERIES

MODEL	NUMBER OF OUTLETS	INLET BORE	OUTLET BORE	A	B	WEIGHT (Kg)
DV024	2	Ø4	Ø4 / Ø6	47.00	37.00	101.00
DV026		Ø6				
DV034	3	Ø4	Ø4 / Ø6	62.00	52.00	131.00
DV036		Ø6				
DV044	4	Ø4	Ø4 / Ø6	77.00	67.00	165.00
DV046		Ø6				
DV054	5	Ø4	Ø4 / Ø6	92.00	82.00	194.00
DV056		Ø6				
DV064	6	Ø4	Ø4 / Ø6	107.00	97.00	228.00
DV066		Ø6				
DV074	7	Ø4	Ø4 / Ø6	122.00	112.00	255.00
DV076		Ø6				
DV084	8	Ø4	Ø4 / Ø6	137.00	127.00	290.00
DV086		Ø6				
DV094	9	Ø4	Ø4 / Ø6	152.00	142.00	321.00
DV096		Ø6				
DV104	10	Ø4	Ø4 / Ø6	137.00	157.00	355.00
DV106		Ø6				
DV124	12	Ø4	Ø4 / Ø6	197.00	187.00	386.00
DV126		Ø6				

***** All dimensions are given in millimeters.*

ISH DV01006
SM DV01006

RESISTANCE OIL DISTRIBUITORS


A
B
2-ø5.5
15
30
10
IN
15
OUT(ø4)

Characteristics & Dimensions

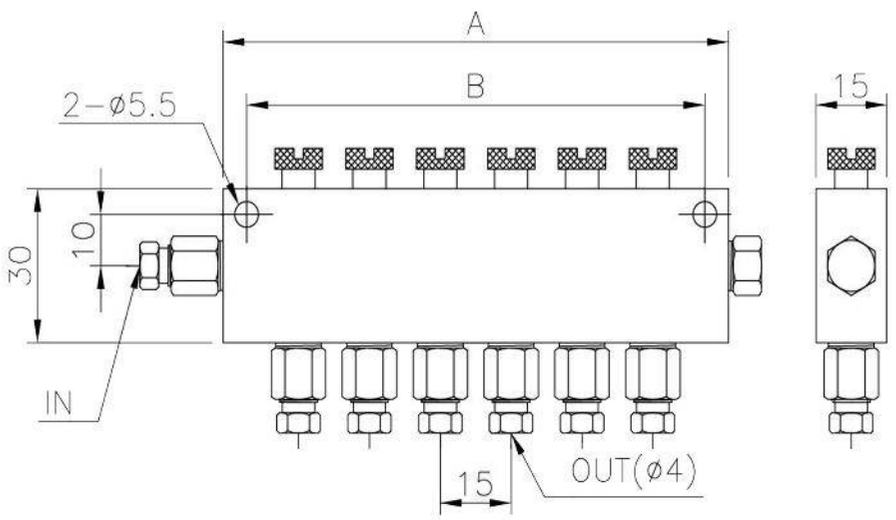
DV SERIES

MODEL	NUMBER OF OUTLETS	INLET BORE	OUTLET BORE	A	B	WEIGHT (Kg)
DV024	2	Ø4	Ø4 / Ø6	47.00	37.00	101.00
DV026		Ø6				
DV034	3	Ø4	Ø4 / Ø6	62.00	52.00	131.00
DV036		Ø6				
DV044	4	Ø4	Ø4 / Ø6	77.00	67.00	165.00
DV046		Ø6				
DV054	5	Ø4	Ø4 / Ø6	92.00	82.00	194.00
DV056		Ø6				
DV064	6	Ø4	Ø4 / Ø6	107.00	97.00	228.00
DV066		Ø6				
DV074	7	Ø4	Ø4 / Ø6	122.00	112.00	255.00
DV076		Ø6				
DV084	8	Ø4	Ø4 / Ø6	137.00	127.00	290.00
DV086		Ø6				
DV094	9	Ø4	Ø4 / Ø6	152.00	142.00	321.00
DV096		Ø6				
DV104	10	Ø4	Ø4 / Ø6	137.00	157.00	355.00
DV106		Ø6				
DV124	12	Ø4	Ø4 / Ø6	197.00	187.00	386.00
DV126		Ø6				

***** All dimensions are given in millimeters.*

ISH DV01004
SM DV01004

RESISTANCE OIL DISTRIBUITORS


A
B
2-ø5.5
15
30
10
IN
15
OUT(ø4)

Characteristics & Dimensions

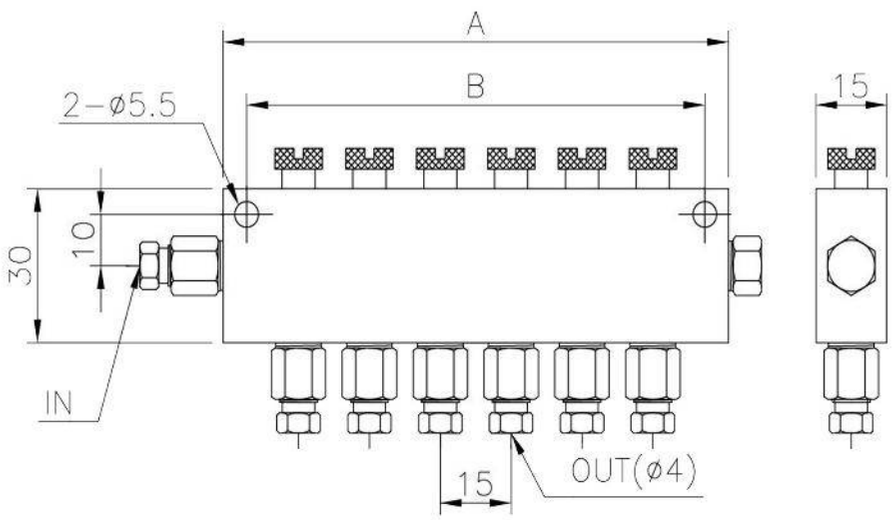
DV SERIES

MODEL	NUMBER OF OUTLETS	INLET BORE	OUTLET BORE	A	B	WEIGHT (Kg)
DV024	2	Ø4	Ø4 / Ø6	47.00	37.00	101.00
DV026		Ø6				
DV034	3	Ø4	Ø4 / Ø6	62.00	52.00	131.00
DV036		Ø6				
DV044	4	Ø4	Ø4 / Ø6	77.00	67.00	165.00
DV046		Ø6				
DV054	5	Ø4	Ø4 / Ø6	92.00	82.00	194.00
DV056		Ø6				
DV064	6	Ø4	Ø4 / Ø6	107.00	97.00	228.00
DV066		Ø6				
DV074	7	Ø4	Ø4 / Ø6	122.00	112.00	255.00
DV076		Ø6				
DV084	8	Ø4	Ø4 / Ø6	137.00	127.00	290.00
DV086		Ø6				
DV094	9	Ø4	Ø4 / Ø6	152.00	142.00	321.00
DV096		Ø6				
DV104	10	Ø4	Ø4 / Ø6	137.00	157.00	355.00
DV106		Ø6				
DV124	12	Ø4	Ø4 / Ø6	197.00	187.00	386.00
DV126		Ø6				

***** All dimensions are given in millimeters.*

ISH DV01006
SM DV01006

RESISTANCE OIL DISTRIBUITORS


A
B
2-ø5.5
15
30
10
IN
15
OUT(ø4)

Characteristics & Dimensions

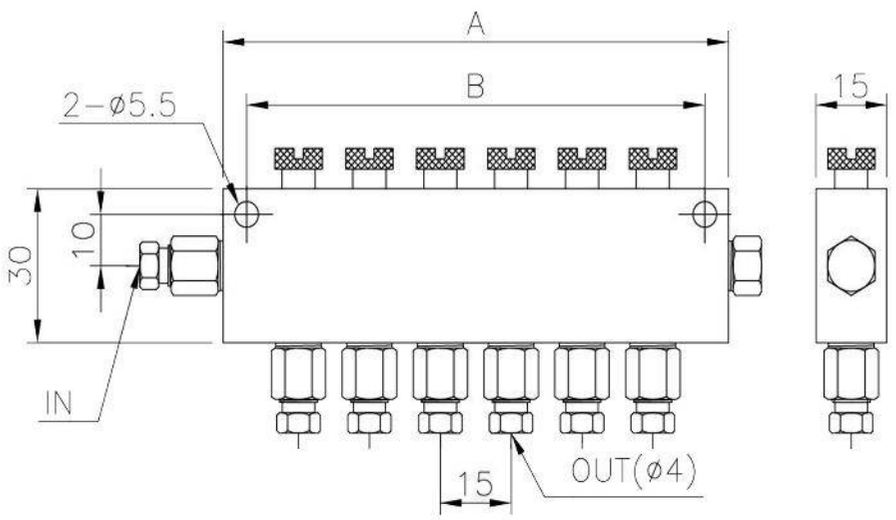
DV SERIES

MODEL	NUMBER OF OUTLETS	INLET BORE	OUTLET BORE	A	B	WEIGHT (Kg)
DV024	2	Ø4	Ø4 / Ø6	47.00	37.00	101.00
DV026		Ø6				
DV034	3	Ø4	Ø4 / Ø6	62.00	52.00	131.00
DV036		Ø6				
DV044	4	Ø4	Ø4 / Ø6	77.00	67.00	165.00
DV046		Ø6				
DV054	5	Ø4	Ø4 / Ø6	92.00	82.00	194.00
DV056		Ø6				
DV064	6	Ø4	Ø4 / Ø6	107.00	97.00	228.00
DV066		Ø6				
DV074	7	Ø4	Ø4 / Ø6	122.00	112.00	255.00
DV076		Ø6				
DV084	8	Ø4	Ø4 / Ø6	137.00	127.00	290.00
DV086		Ø6				
DV094	9	Ø4	Ø4 / Ø6	152.00	142.00	321.00
DV096		Ø6				
DV104	10	Ø4	Ø4 / Ø6	137.00	157.00	355.00
DV106		Ø6				
DV124	12	Ø4	Ø4 / Ø6	197.00	187.00	386.00
DV126		Ø6				

***** All dimensions are given in millimeters.*

ISH DV01204
SM DV01204

RESISTANCE OIL DISTRIBUITORS


A
B
2-ø5.5
15
30
10
IN
15
OUT(ø4)

Characteristics & Dimensions

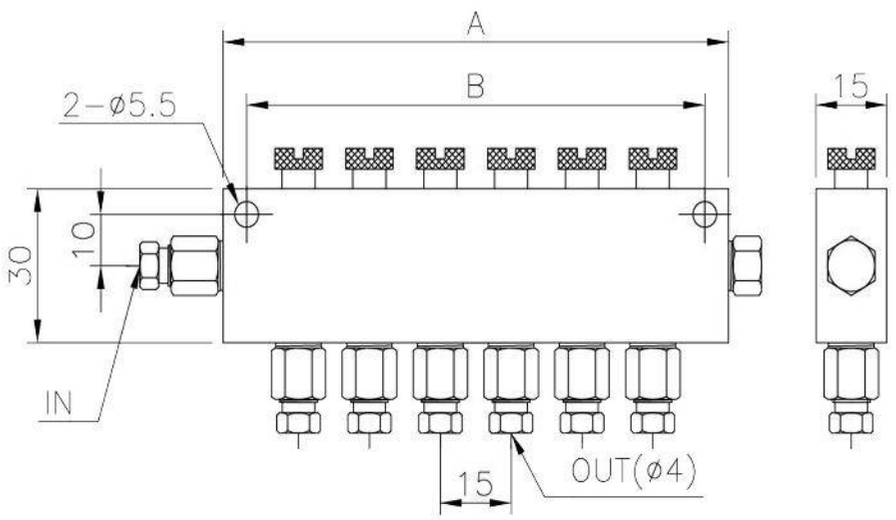
DV SERIES

MODEL	NUMBER OF OUTLETS	INLET BORE	OUTLET BORE	A	B	WEIGHT (Kg)
DV024	2	Ø4	Ø4 / Ø6	47.00	37.00	101.00
DV026		Ø6				
DV034	3	Ø4	Ø4 / Ø6	62.00	52.00	131.00
DV036		Ø6				
DV044	4	Ø4	Ø4 / Ø6	77.00	67.00	165.00
DV046		Ø6				
DV054	5	Ø4	Ø4 / Ø6	92.00	82.00	194.00
DV056		Ø6				
DV064	6	Ø4	Ø4 / Ø6	107.00	97.00	228.00
DV066		Ø6				
DV074	7	Ø4	Ø4 / Ø6	122.00	112.00	255.00
DV076		Ø6				
DV084	8	Ø4	Ø4 / Ø6	137.00	127.00	290.00
DV086		Ø6				
DV094	9	Ø4	Ø4 / Ø6	152.00	142.00	321.00
DV096		Ø6				
DV104	10	Ø4	Ø4 / Ø6	137.00	157.00	355.00
DV106		Ø6				
DV124	12	Ø4	Ø4 / Ø6	197.00	187.00	386.00
DV126		Ø6				

***** All dimensions are given in millimeters.*

ISH DV01206
SM DV01206

RESISTANCE OIL DISTRIBUITORS


A
B
2-ø5.5
15
30
10
IN
15
OUT(ø4)

Characteristics & Dimensions

DV SERIES

MODEL	NUMBER OF OUTLETS	INLET BORE	OUTLET BORE	A	B	WEIGHT (Kg)
DV024	2	Ø4	Ø4 / Ø6	47.00	37.00	101.00
DV026		Ø6				
DV034	3	Ø4	Ø4 / Ø6	62.00	52.00	131.00
DV036		Ø6				
DV044	4	Ø4	Ø4 / Ø6	77.00	67.00	165.00
DV046		Ø6				
DV054	5	Ø4	Ø4 / Ø6	92.00	82.00	194.00
DV056		Ø6				
DV064	6	Ø4	Ø4 / Ø6	107.00	97.00	228.00
DV066		Ø6				
DV074	7	Ø4	Ø4 / Ø6	122.00	112.00	255.00
DV076		Ø6				
DV084	8	Ø4	Ø4 / Ø6	137.00	127.00	290.00
DV086		Ø6				
DV094	9	Ø4	Ø4 / Ø6	152.00	142.00	321.00
DV096		Ø6				
DV104	10	Ø4	Ø4 / Ø6	137.00	157.00	355.00
DV106		Ø6				
DV124	12	Ø4	Ø4 / Ø6	197.00	187.00	386.00
DV126		Ø6				

***** All dimensions are given in millimeters.*

ISH DX1 SERIES
SM DX1 SERIES

PISTON DISTRIBUTORS

ISH DX1-0000-02
SM DX1-0000-02

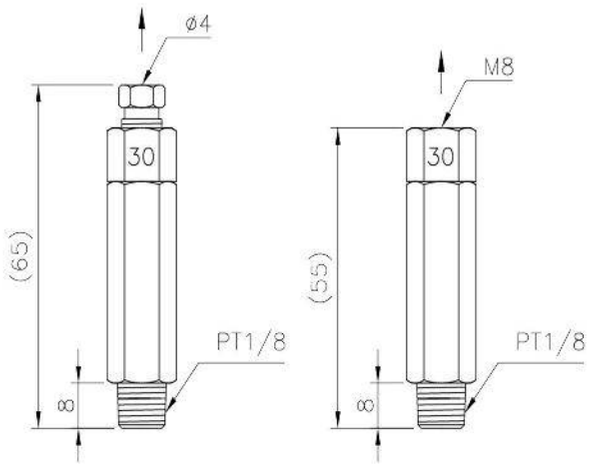
PISTON DISTRIBUITORS

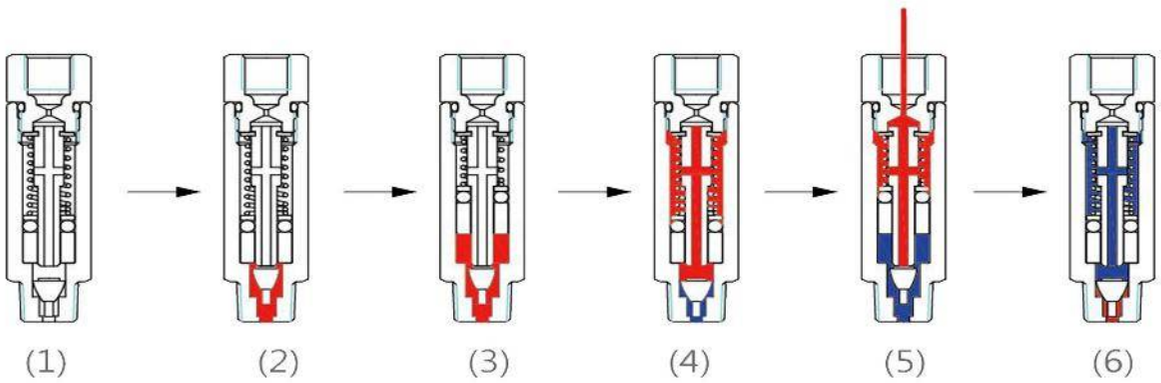
Characteristics & Dimensions

DX SERIES

MODEL	MARK ON OUTLET	METERED VOLUME (c.c.)
DX1-0000-02	2	0.02
DX1-0000-06	6	0.06
DX1-0000-10	10	0.10
DX1-0000-16	16	0.16
DX1-0000-20	20	0.20
DX1-0000-30	30	0.30
DX1-0000-40	40	0.40
DX1-0000-50	50	0.50

*** All dimensions are given in millimeters.


ø4
30
(65)
PT1/8
8
M8
30
(55)
PT1/8
8



(1) Before the pump starts
(2) Pump starts (pressurization begins)
(3) Pump works (pressurization completes)
(4) Pump stops (storage completes and pistan recoils)
(5) Pump works and pressurization completes (Discharging)
(6) Pumps stops (Storage completes)

DX-SERIES OPERATION

l. Befare the lubricant is fed to prelubricationdistributor. (First installation)

2. The pressure built up in the centralized lubricationsystem pushes the collar upward .

3. The lubricant fed to the distributor causes themetering pistan to move toward the outlet.

4. When the pump is switchedoff, the pressure isrelieved and the lubricant under preload below the metering pushes chamber the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is moved from the metering chamber into the spring chamber. The prelubrication distributor is ready far the next lubrication cycle.

5. When the pump is switched on, the pressure built up in thecentralized lubrication system causes the metering pistan to movetoward the outlet, expelling the lubricant that is under preloaded below the metering pistan.

6. When the pumps is switched off, the pressure is relieved and the lubricant under preload below the metering chamber pushes the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is the metering chamber into the spring chambe

ISH DX1-0000-06
SM DX1-0000-06

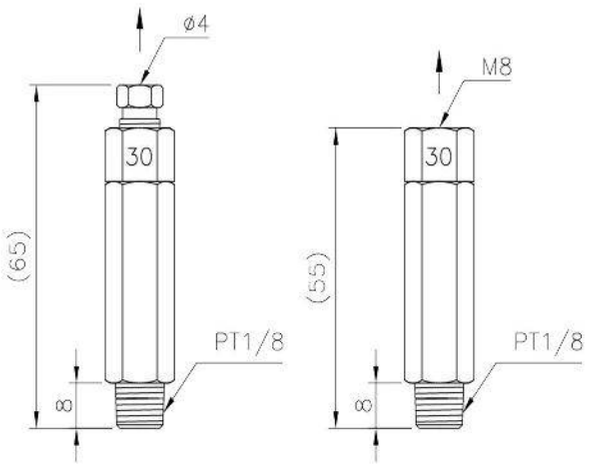
PISTON DISTRIBUITORS

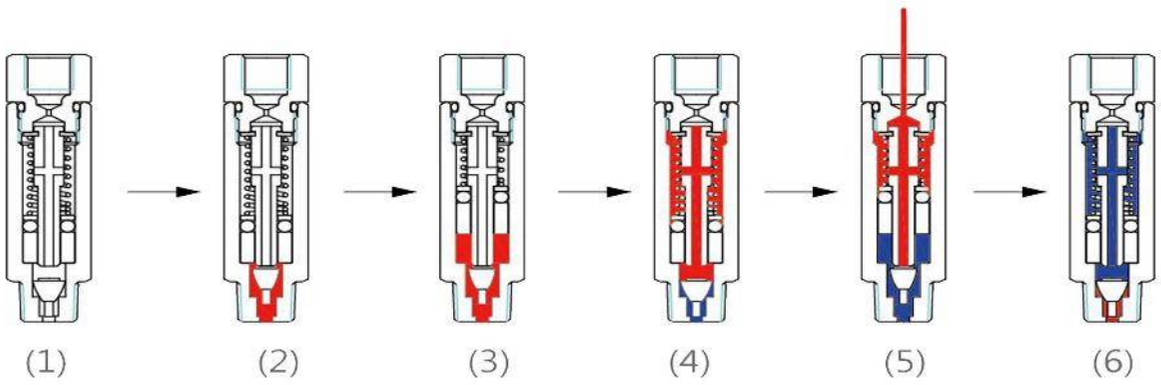
Characteristics & Dimensions

DX SERIES

MODEL	MARK ON OUTLET	METERED VOLUME (c.c.)
DX1-0000-02	2	0.02
DX1-0000-06	6	0.06
DX1-0000-10	10	0.10
DX1-0000-16	16	0.16
DX1-0000-20	20	0.20
DX1-0000-30	30	0.30
DX1-0000-40	40	0.40
DX1-0000-50	50	0.50

*** All dimensions are given in millimeters.


ø4
30
(65)
PT1/8
8
M8
30
(55)
PT1/8
8



(1) Before the pump starts
(2) Pump starts (pressurization begins)
(3) Pump works (pressurization completes)
(4) Pump stops (storage completes and pistan recoils)
(5) Pump works and pressurization completes (Discharging)
(6) Pumps stops (Storage completes)

DX-SERIES OPERATION

l. Befare the lubricant is fed to prelubricationdistributor. (First installation)

2. The pressure built up in the centralized lubricationsystem pushes the collar upward .

3. The lubricant fed to the distributor causes themetering pistan to move toward the outlet.

4. When the pump is switchedoff, the pressure isrelieved and the lubricant under preload below the metering pushes chamber the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is moved from the metering chamber into the spring chamber. The prelubrication distributor is ready far the next lubrication cycle.

5. When the pump is switched on, the pressure built up in thecentralized lubrication system causes the metering pistan to movetoward the outlet, expelling the lubricant that is under preloaded below the metering pistan.

6. When the pumps is switched off, the pressure is relieved and the lubricant under preload below the metering chamber pushes the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is the metering chamber into the spring chambe

ISH DX1-0000-10
SM DX1-0000-10

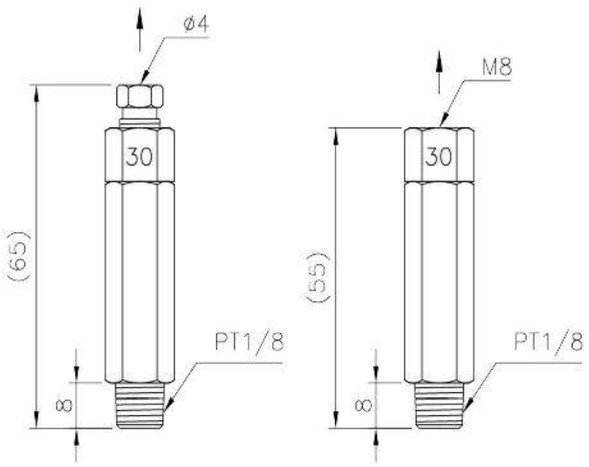
PISTON DISTRIBUITORS

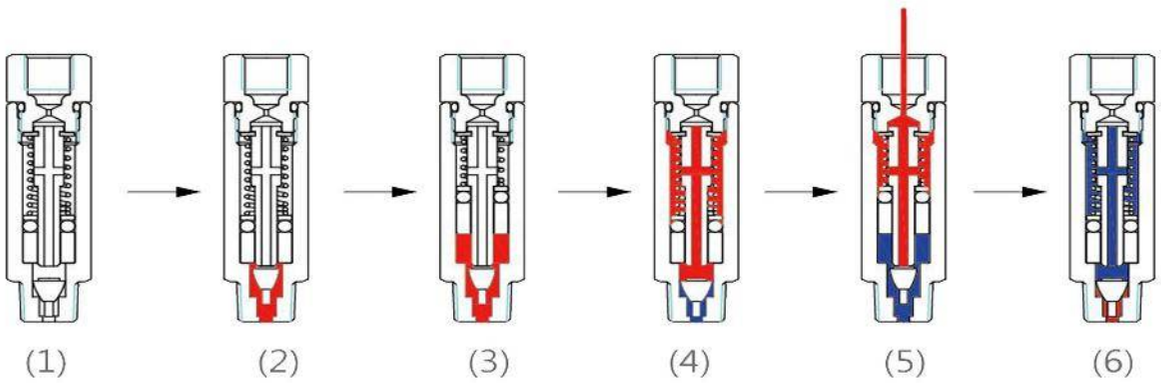
Characteristics & Dimensions

DX SERIES

MODEL	MARK ON OUTLET	METERED VOLUME (c.c.)
DX1-0000-02	2	0.02
DX1-0000-06	6	0.06
DX1-0000-10	10	0.10
DX1-0000-16	16	0.16
DX1-0000-20	20	0.20
DX1-0000-30	30	0.30
DX1-0000-40	40	0.40
DX1-0000-50	50	0.50

*** All dimensions are given in millimeters.


ø4
30
(65)
PT1/8
8
M8
30
(55)
PT1/8
8



(1) Before the pump starts
(2) Pump starts (pressurization begins)
(3) Pump works (pressurization completes)
(4) Pump stops (storage completes and pistan recoils)
(5) Pump works and pressurization completes (Discharging)
(6) Pumps stops (Storage completes)

DX-SERIES OPERATION

l. Befare the lubricant is fed to prelubricationdistributor. (First installation)

2. The pressure built up in the centralized lubricationsystem pushes the collar upward .

3. The lubricant fed to the distributor causes themetering pistan to move toward the outlet.

4. When the pump is switchedoff, the pressure isrelieved and the lubricant under preload below the metering pushes chamber the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is moved from the metering chamber into the spring chamber. The prelubrication distributor is ready far the next lubrication cycle.

5. When the pump is switched on, the pressure built up in thecentralized lubrication system causes the metering pistan to movetoward the outlet, expelling the lubricant that is under preloaded below the metering pistan.

6. When the pumps is switched off, the pressure is relieved and the lubricant under preload below the metering chamber pushes the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is the metering chamber into the spring chambe

ISH DX1-0000-16
SM DX1-0000-16

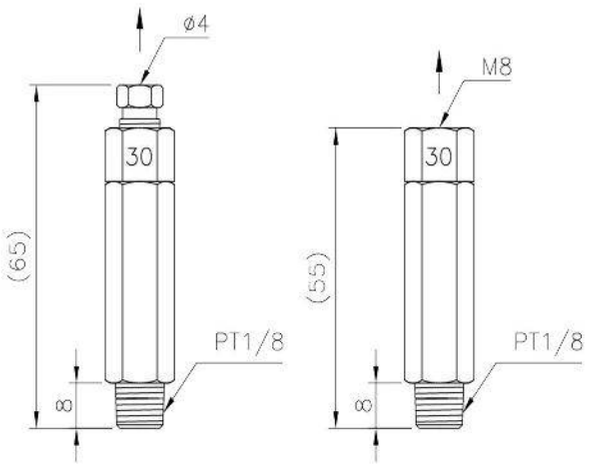
PISTON DISTRIBUITORS

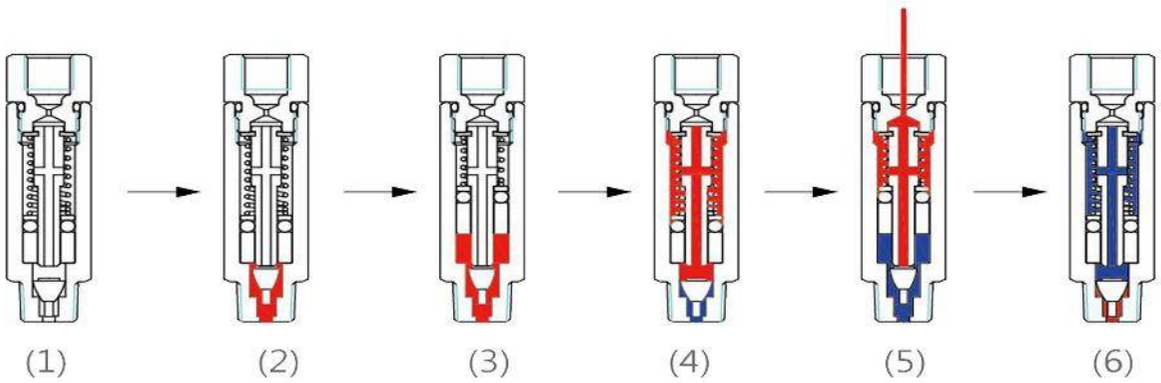
Characteristics & Dimensions

DX SERIES

MODEL	MARK ON OUTLET	METERED VOLUME (c.c.)
DX1-0000-02	2	0.02
DX1-0000-06	6	0.06
DX1-0000-10	10	0.10
DX1-0000-16	16	0.16
DX1-0000-20	20	0.20
DX1-0000-30	30	0.30
DX1-0000-40	40	0.40
DX1-0000-50	50	0.50

*** All dimensions are given in millimeters.


ø4
30
(65)
PT1/8
8
M8
30
(55)
PT1/8
8



(1) Before the pump starts
(2) Pump starts (pressurization begins)
(3) Pump works (pressurization completes)
(4) Pump stops (storage completes and pistan recoils)
(5) Pump works and pressurization completes (Discharging)
(6) Pumps stops (Storage completes)

DX-SERIES OPERATION

l. Befare the lubricant is fed to prelubricationdistributor. (First installation)

2. The pressure built up in the centralized lubricationsystem pushes the collar upward .

3. The lubricant fed to the distributor causes themetering pistan to move toward the outlet.

4. When the pump is switchedoff, the pressure isrelieved and the lubricant under preload below the metering pushes chamber the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is moved from the metering chamber into the spring chamber. The prelubrication distributor is ready far the next lubrication cycle.

5. When the pump is switched on, the pressure built up in thecentralized lubrication system causes the metering pistan to movetoward the outlet, expelling the lubricant that is under preloaded below the metering pistan.

6. When the pumps is switched off, the pressure is relieved and the lubricant under preload below the metering chamber pushes the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is the metering chamber into the spring chambe

ISH DX1-0000-20
SM DX1-0000-20

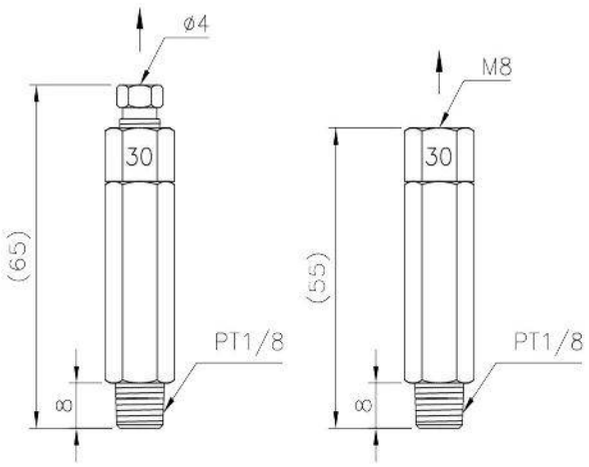
PISTON DISTRIBUITORS

Characteristics & Dimensions

DX SERIES

MODEL	MARK ON OUTLET	METERED VOLUME (c.c.)
DX1-0000-02	2	0.02
DX1-0000-06	6	0.06
DX1-0000-10	10	0.10
DX1-0000-16	16	0.16
DX1-0000-20	20	0.20
DX1-0000-30	30	0.30
DX1-0000-40	40	0.40
DX1-0000-50	50	0.50

*** All dimensions are given in millimeters.


ø4
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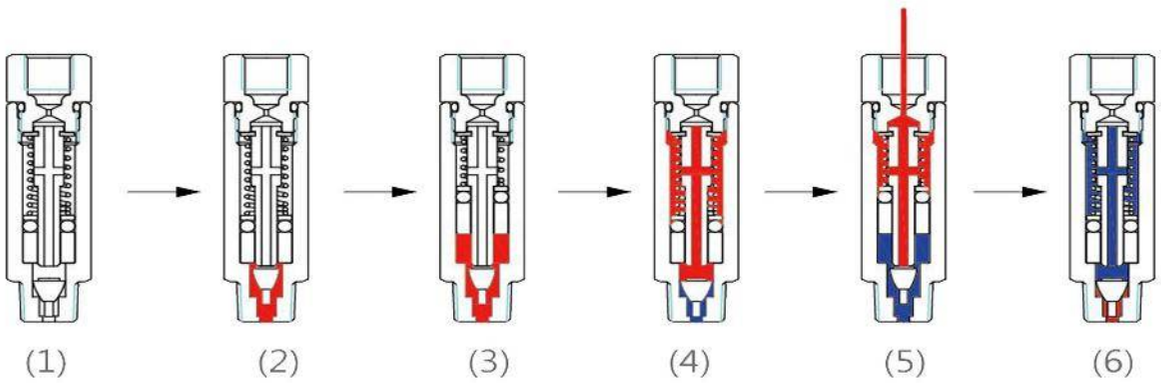


(1) Before the pump starts
(2) Pump starts (pressurization begins)
(3) Pump works (pressurization completes)
(4) Pump stops (storage completes and pistan recoils)
(5) Pump works and pressurization completes (Discharging)
(6) Pumps stops (Storage completes)

DX-SERIES OPERATION

l. Befare the lubricant is fed to prelubricationdistributor. (First installation)

2. The pressure built up in the centralized lubricationsystem pushes the collar upward .

3. The lubricant fed to the distributor causes themetering pistan to move toward the outlet.

4. When the pump is switchedoff, the pressure isrelieved and the lubricant under preload below the metering pushes chamber the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is moved from the metering chamber into the spring chamber. The prelubrication distributor is ready far the next lubrication cycle.

5. When the pump is switched on, the pressure built up in thecentralized lubrication system causes the metering pistan to movetoward the outlet, expelling the lubricant that is under preloaded below the metering pistan.

6. When the pumps is switched off, the pressure is relieved and the lubricant under preload below the metering chamber pushes the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is the metering chamber into the spring chambe

ISH DX1-0000-30
SM DX1-0000-30

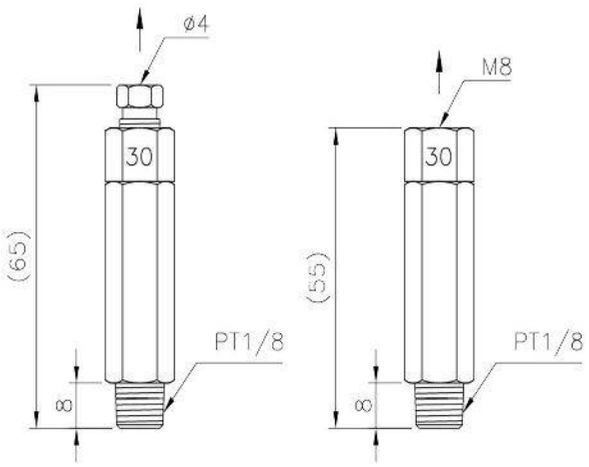
PISTON DISTRIBUITORS

Characteristics & Dimensions

DX SERIES

MODEL	MARK ON OUTLET	METERED VOLUME (c.c.)
DX1-0000-02	2	0.02
DX1-0000-06	6	0.06
DX1-0000-10	10	0.10
DX1-0000-16	16	0.16
DX1-0000-20	20	0.20
DX1-0000-30	30	0.30
DX1-0000-40	40	0.40
DX1-0000-50	50	0.50

*** All dimensions are given in millimeters.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PT1/8
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M8
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PT1/8
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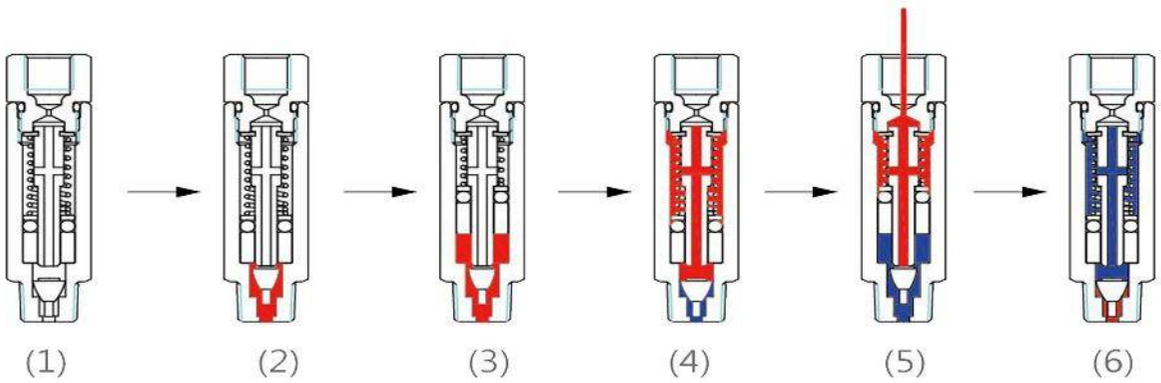


(1) Before the pump starts
(2) Pump starts (pressurization begins)
(3) Pump works (pressurization completes)
(4) Pump stops (storage completes and pistan recoils)
(5) Pump works and pressurization completes (Discharging)
(6) Pumps stops (Storage completes)

DX-SERIES OPERATION

l. Befare the lubricant is fed to prelubricationdistributor. (First installation)

2. The pressure built up in the centralized lubricationsystem pushes the collar upward .

3. The lubricant fed to the distributor causes themetering pistan to move toward the outlet.

4. When the pump is switchedoff, the pressure isrelieved and the lubricant under preload below the metering pushes chamber the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is moved from the metering chamber into the spring chamber. The prelubrication distributor is ready far the next lubrication cycle.

5. When the pump is switched on, the pressure built up in thecentralized lubrication system causes the metering pistan to movetoward the outlet, expelling the lubricant that is under preloaded below the metering pistan.

6. When the pumps is switched off, the pressure is relieved and the lubricant under preload below the metering chamber pushes the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is the metering chamber into the spring chambe

ISH DX1-0000-40
SM DX1-0000-40

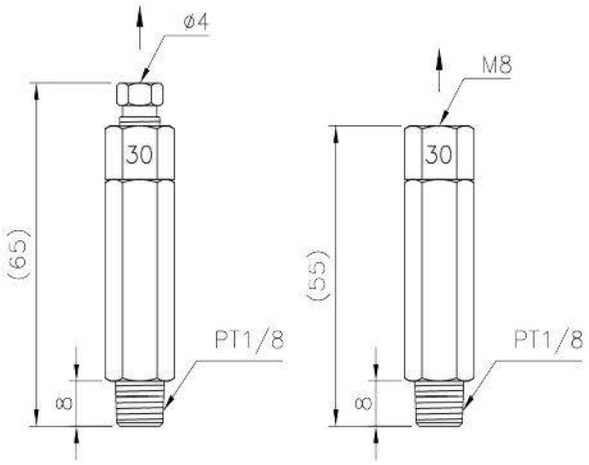
PISTON DISTRIBUITORS

Characteristics & Dimensions

DX SERIES

MODEL	MARK ON OUTLET	METERED VOLUME (c.c.)
DX1-0000-02	2	0.02
DX1-0000-06	6	0.06
DX1-0000-10	10	0.10
DX1-0000-16	16	0.16
DX1-0000-20	20	0.20
DX1-0000-30	30	0.30
DX1-0000-40	40	0.40
DX1-0000-50	50	0.50

*** All dimensions are given in millimeters.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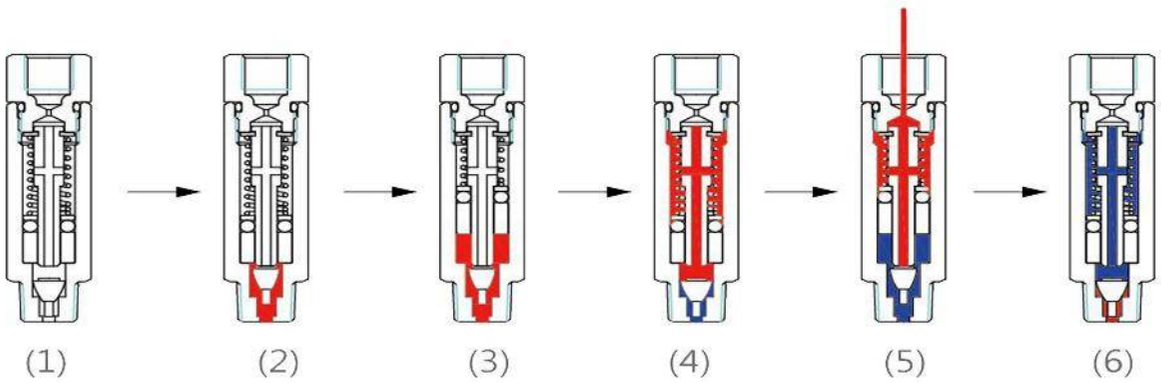


(1) Before the pump starts
(2) Pump starts (pressurization begins)
(3) Pump works (pressurization completes)
(4) Pump stops (storage completes and pistan recoils)
(5) Pump works and pressurization completes (Discharging)
(6) Pumps stops (Storage completes)

DX-SERIES OPERATION

l. Befare the lubricant is fed to prelubricationdistributor. (First installation)

2. The pressure built up in the centralized lubricationsystem pushes the collar upward .

3. The lubricant fed to the distributor causes themetering pistan to move toward the outlet.

4. When the pump is switchedoff, the pressure isrelieved and the lubricant under preload below the metering pushes chamber the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is moved from the metering chamber into the spring chamber. The prelubrication distributor is ready far the next lubrication cycle.

5. When the pump is switched on, the pressure built up in thecentralized lubrication system causes the metering pistan to movetoward the outlet, expelling the lubricant that is under preloaded below the metering pistan.

6. When the pumps is switched off, the pressure is relieved and the lubricant under preload below the metering chamber pushes the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is the metering chamber into the spring chambe

ISH DX1-0000-50
SM DX1-0000-50

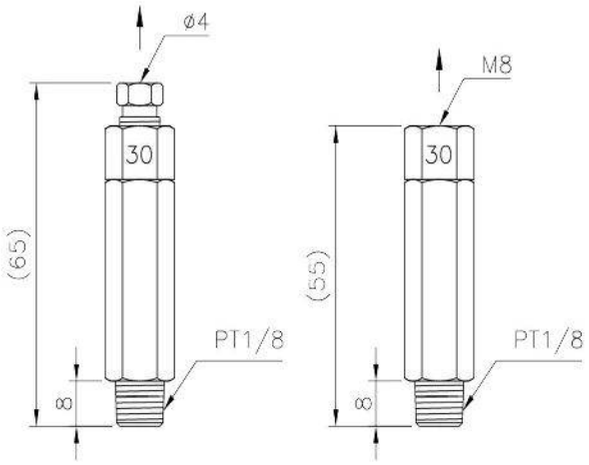
PISTON DISTRIBUITORS

Characteristics & Dimensions

DX SERIES

MODEL	MARK ON OUTLET	METERED VOLUME (c.c.)
DX1-0000-02	2	0.02
DX1-0000-06	6	0.06
DX1-0000-10	10	0.10
DX1-0000-16	16	0.16
DX1-0000-20	20	0.20
DX1-0000-30	30	0.30
DX1-0000-40	40	0.40
DX1-0000-50	50	0.50

*** All dimensions are given in millimeters.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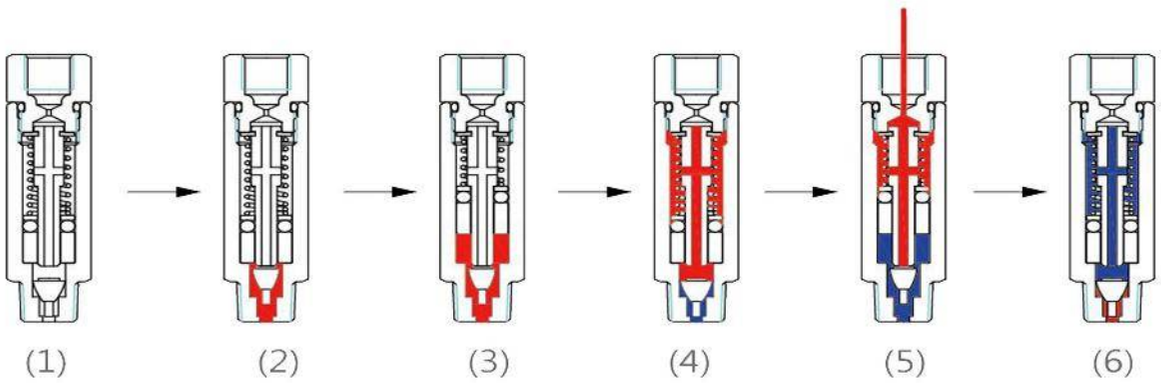


(1) Before the pump starts
(2) Pump starts (pressurization begins)
(3) Pump works (pressurization completes)
(4) Pump stops (storage completes and pistan recoils)
(5) Pump works and pressurization completes (Discharging)
(6) Pumps stops (Storage completes)

DX-SERIES OPERATION

l. Befare the lubricant is fed to prelubricationdistributor. (First installation)

2. The pressure built up in the centralized lubricationsystem pushes the collar upward .

3. The lubricant fed to the distributor causes themetering pistan to move toward the outlet.

4. When the pump is switchedoff, the pressure isrelieved and the lubricant under preload below the metering pushes chamber the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is moved from the metering chamber into the spring chamber. The prelubrication distributor is ready far the next lubrication cycle.

5. When the pump is switched on, the pressure built up in thecentralized lubrication system causes the metering pistan to movetoward the outlet, expelling the lubricant that is under preloaded below the metering pistan.

6. When the pumps is switched off, the pressure is relieved and the lubricant under preload below the metering chamber pushes the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is the metering chamber into the spring chambe

ISH DXV SERIES
SM DXV SERIES

PISTON DISTRIBUTORS

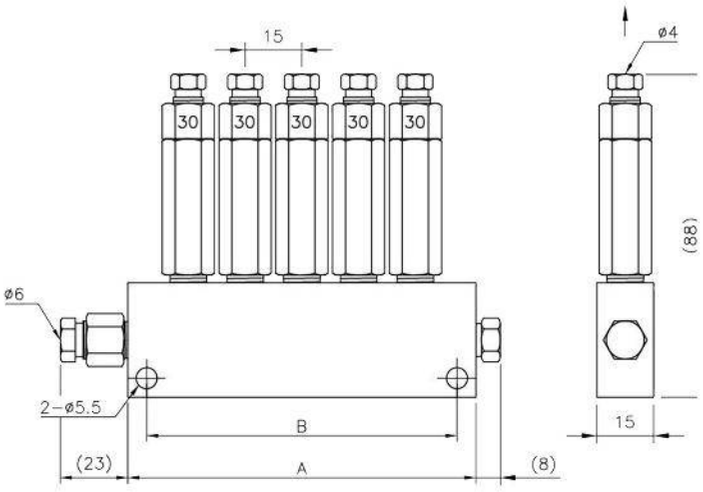
ISH DXV-0100
SM DXV-0100

Characteristics & Dimensions

DX SERIES

MODEL	NUMBER OF OULETS	A	B	METERED VOLUME (c.c.)
DXV-0100	1	32.00	22.00	0.02 0.06 0.10 0.16 0.20 0.30 0.40 0.50
DXV-0200	2	47.00	37.00	
DXV-0300	3	62.00	52.00	
DXV-0400	4	77.00	67.00	
DXV-0500	5	92.00	82.00	
DXV-0600	6	107.00	97.00	
DXV-0700	7	122.00	1123.00	
DXV-0800	8	137.00	127.00	
DXV-0900	9	152.00	142.00	

*** All dimensions are given in millimeters.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(88)
ø6
2-ø5.5
B
(23)
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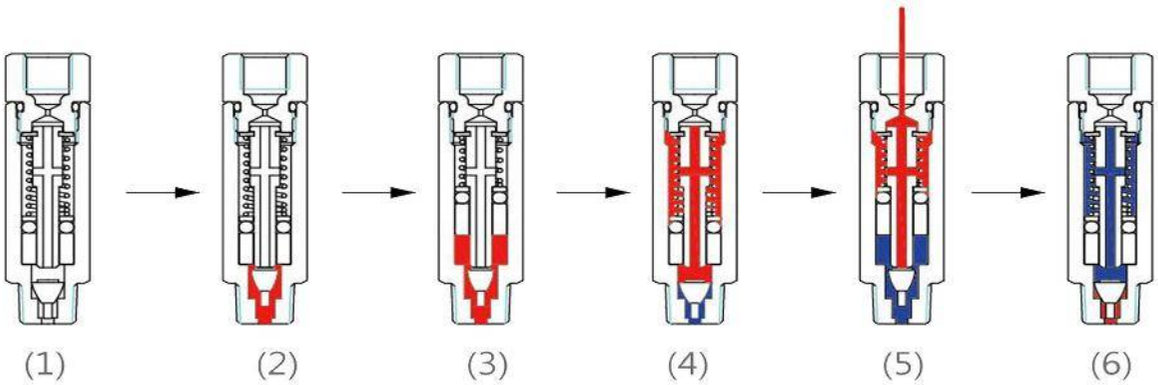
(8)
15



(1) Before the pump starts
(2) Pump starts (pressurization begins)
(3) Pump works (pressurization completes)
(4) Pump stops (storage completes and pistan recoils)
(5) Pump works and pressurization completes (Discharging)
(6) Pumps stops (Storage completes)

DXV-SERIES OPERATION

I. Before the lubricant is fed to prelubricationdistributor. (First installation)

2. The pressure built up in the centralized lubricationsystem pushes the collar upward .

3. The lubricant fed to the distributor causes themetering pistan to move toward the outlet.

4. When the pump is switchedoff, the pressure isrelieved and the lubricant under preload below the metering pushes chamber the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is moved from the metering chamber into the spring chamber. The prelubrication distributor is ready far the next lubrication cycle.

5. When the pump is switched on, the pressure built up in thecentralized lubrication system causes the metering pistan to movetoward the outlet, expelling the lubricant that is under preloaded below the metering pistan.

6. When the pumps is switched off, the pressure is relieved and the lubricant under preload below the metering chamber pushes the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is the metering chamber into the spring chambe

ISH DXV-0200

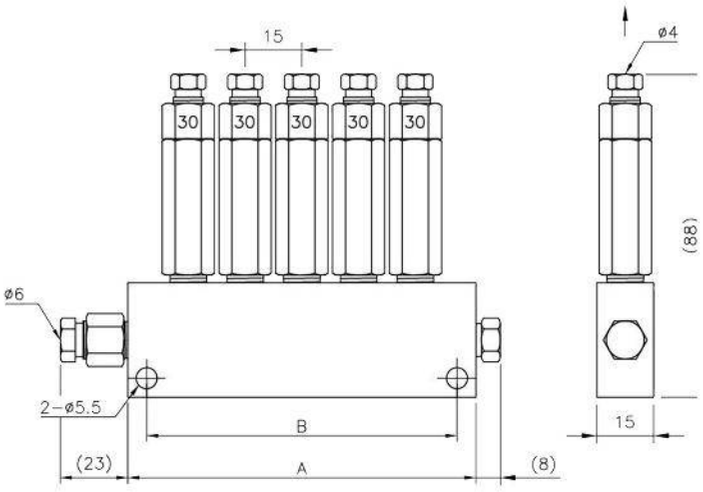
Piston Oil Distribuitors

Characteristics & Dimensions

DX SERIES

MODEL	NUMBER OF OULETS	A	B	METERED VOLUME (c.c.)
DXV-0100	1	32.00	22.00	0.02 0.06 0.10 0.16 0.20 0.30 0.40 0.50
DXV-0200	2	47.00	37.00	
DXV-0300	3	62.00	52.00	
DXV-0400	4	77.00	67.00	
DXV-0500	5	92.00	82.00	
DXV-0600	6	107.00	97.00	
DXV-0700	7	122.00	1123.00	
DXV-0800	8	137.00	127.00	
DXV-0900	9	152.00	142.00	

*** All dimensions are given in millimeters.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ø4
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ø6
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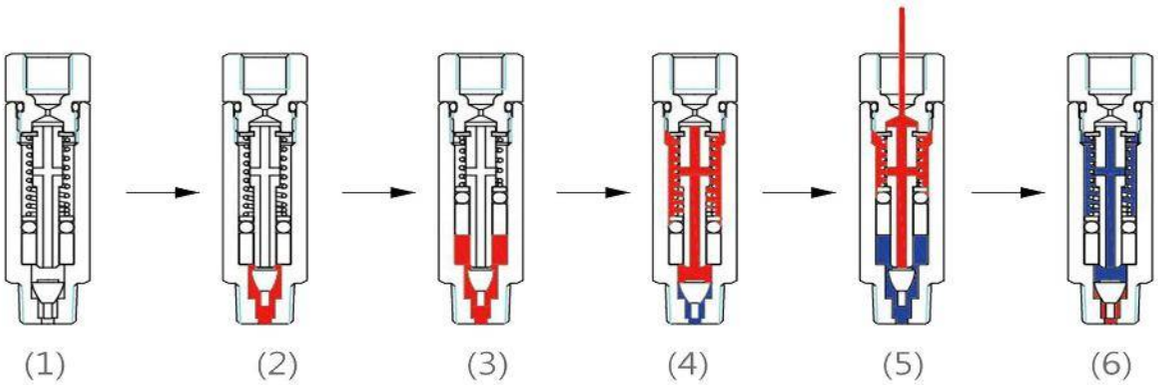
(8)
15



(1) Before the pump starts
(2) Pump starts (pressurization begins)
(3) Pump works (pressurization completes)
(4) Pump stops (storage completes and pistan recoils)
(5) Pump works and pressurization completes (Discharging)
(6) Pumps stops (Storage completes)

DXV-SERIES OPERATION

I. Before the lubricant is fed to prelubricationdistributor. (First installation)

2. The pressure built up in the centralized lubricationsystem pushes the collar upward .

3. The lubricant fed to the distributor causes themetering pistan to move toward the outlet.

4. When the pump is switchedoff, the pressure isrelieved and the lubricant under preload below the metering pushes chamber the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is moved from the metering chamber into the spring chamber. The prelubrication distributor is ready far the next lubrication cycle.

5. When the pump is switched on, the pressure built up in thecentralized lubrication system causes the metering pistan to movetoward the outlet, expelling the lubricant that is under preloaded below the metering pistan.

6. When the pumps is switched off, the pressure is relieved and the lubricant under preload below the metering chamber pushes the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is the metering chamber into the spring chambe

ISH DXV-0300
SM DXV-0300

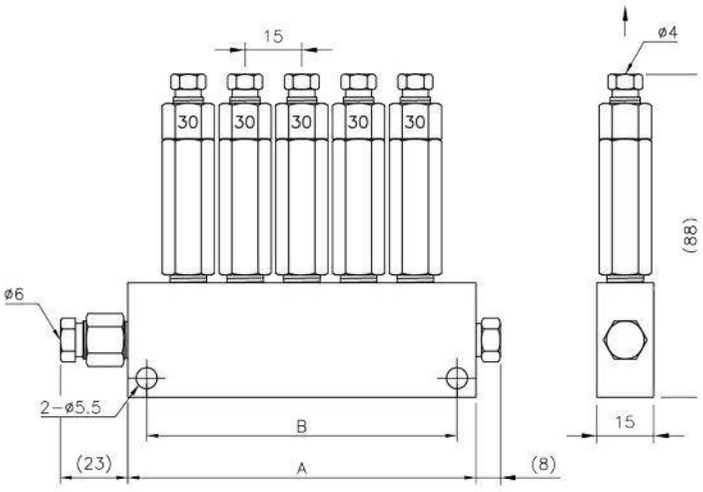
PISTON DISTRIBUITORS

Characteristics & Dimensions

DX SERIES

MODEL	NUMBER OF OULETS	A	B	METERED VOLUME (c.c.)
DXV-0100	1	32.00	22.00	0.02 0.06 0.10 0.16 0.20 0.30 0.40 0.50
DXV-0200	2	47.00	37.00	
DXV-0300	3	62.00	52.00	
DXV-0400	4	77.00	67.00	
DXV-0500	5	92.00	82.00	
DXV-0600	6	107.00	97.00	
DXV-0700	7	122.00	1123.00	
DXV-0800	8	137.00	127.00	
DXV-0900	9	152.00	142.00	

*** All dimensions are given in millimeters.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ø4
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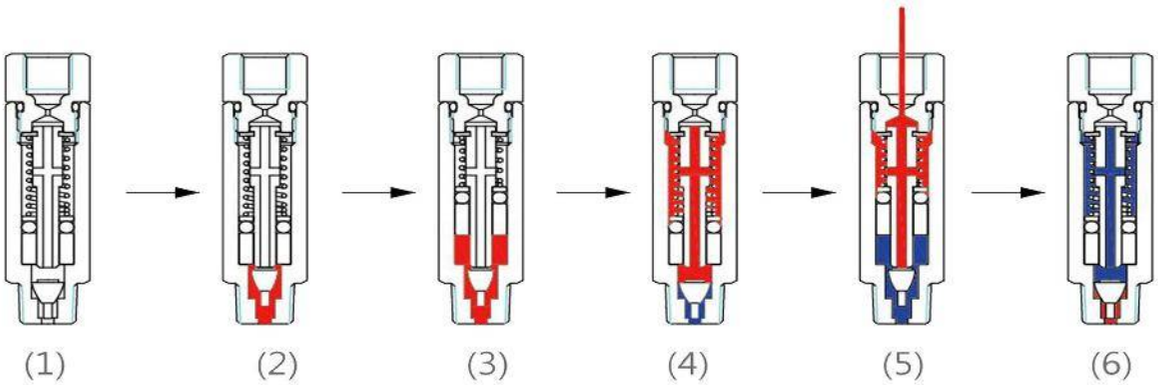


(1) Before the pump starts
(2) Pump starts (pressurization begins)
(3) Pump works (pressurization completes)
(4) Pump stops (storage completes and pistan recoils)
(5) Pump works and pressurization completes (Discharging)
(6) Pumps stops (Storage completes)

DXV-SERIES OPERATION

I. Before the lubricant is fed to prelubricationdistributor. (First installation)

2. The pressure built up in the centralized lubricationsystem pushes the collar upward .

3. The lubricant fed to the distributor causes themetering pistan to move toward the outlet.

4. When the pump is switchedoff, the pressure isrelieved and the lubricant under preload below the metering pushes chamber the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is moved from the metering chamber into the spring chamber. The prelubrication distributor is ready far the next lubrication cycle.

5. When the pump is switched on, the pressure built up in thecentralized lubrication system causes the metering pistan to movetoward the outlet, expelling the lubricant that is under preloaded below the metering pistan.

6. When the pumps is switched off, the pressure is relieved and the lubricant under preload below the metering chamber pushes the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is the metering chamber into the spring chambe

ISH DXV-0400
SM DXV-0400

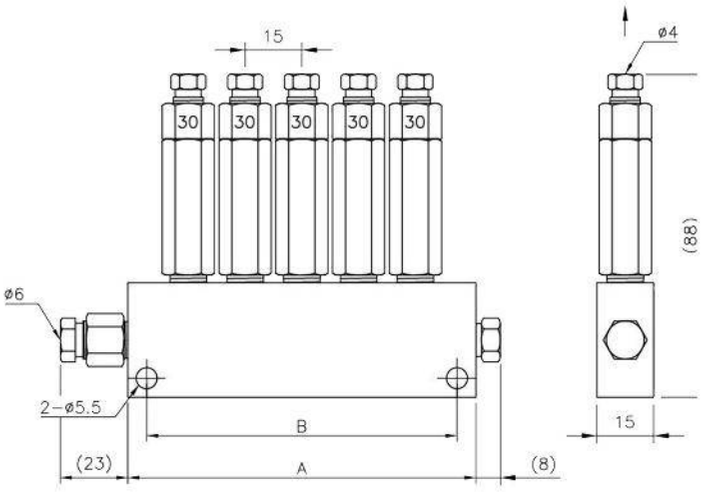
PISTON DISTRIBUITORS

Characteristics & Dimensions

DX SERIES

MODEL	NUMBER OF OULETS	A	B	METERED VOLUME (c.c.)
DXV-0100	1	32.00	22.00	0.02 0.06 0.10 0.16 0.20 0.30 0.40 0.50
DXV-0200	2	47.00	37.00	
DXV-0300	3	62.00	52.00	
DXV-0400	4	77.00	67.00	
DXV-0500	5	92.00	82.00	
DXV-0600	6	107.00	97.00	
DXV-0700	7	122.00	1123.00	
DXV-0800	8	137.00	127.00	
DXV-0900	9	152.00	142.00	

*** All dimensions are given in millimeters.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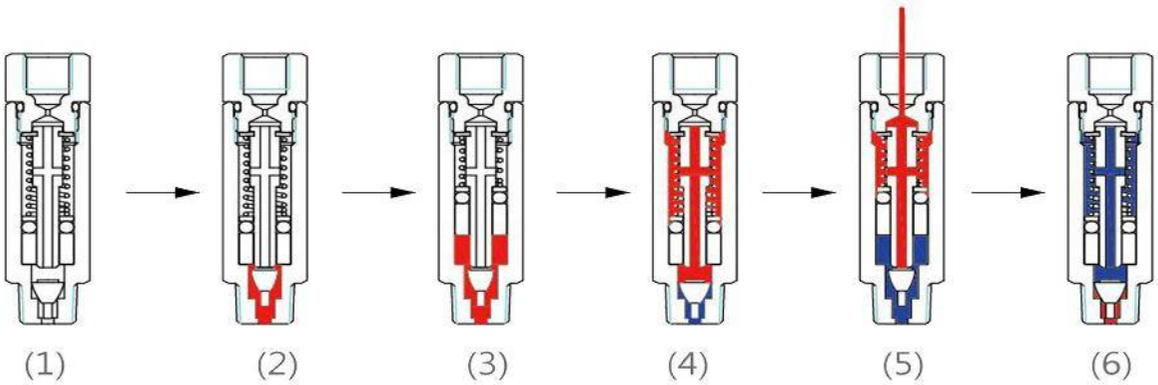


(1) Before the pump starts
(2) Pump starts (pressurization begins)
(3) Pump works (pressurization completes)
(4) Pump stops (storage completes and pistan recoils)
(5) Pump works and pressurization completes (Discharging)
(6) Pumps stops (Storage completes)

DXV-SERIES OPERATION

I. Before the lubricant is fed to prelubricationdistributor. (First installation)

2. The pressure built up in the centralized lubricationsystem pushes the collar upward .

3. The lubricant fed to the distributor causes themetering pistan to move toward the outlet.

4. When the pump is switchedoff, the pressure isrelieved and the lubricant under preload below the metering pushes chamber the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is moved from the metering chamber into the spring chamber. The prelubrication distributor is ready far the next lubrication cycle.

5. When the pump is switched on, the pressure built up in thecentralized lubrication system causes the metering pistan to movetoward the outlet, expelling the lubricant that is under preloaded below the metering pistan.

6. When the pumps is switched off, the pressure is relieved and the lubricant under preload below the metering chamber pushes the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is the metering chamber into the spring chambe

ISH DXV-0500
SM DXV-0500

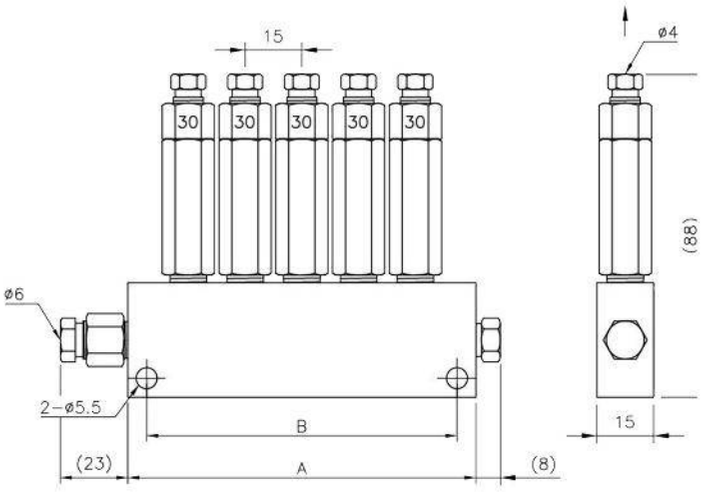
PISTON DISTRIBUITORS

Characteristics & Dimensions

DX SERIES

MODEL	NUMBER OF OULETS	A	B	METERED VOLUME (c.c.)
DXV-0100	1	32.00	22.00	0.02 0.06 0.10 0.16 0.20 0.30 0.40 0.50
DXV-0200	2	47.00	37.00	
DXV-0300	3	62.00	52.00	
DXV-0400	4	77.00	67.00	
DXV-0500	5	92.00	82.00	
DXV-0600	6	107.00	97.00	
DXV-0700	7	122.00	1123.00	
DXV-0800	8	137.00	127.00	
DXV-0900	9	152.00	142.00	

*** All dimensions are given in millimeters.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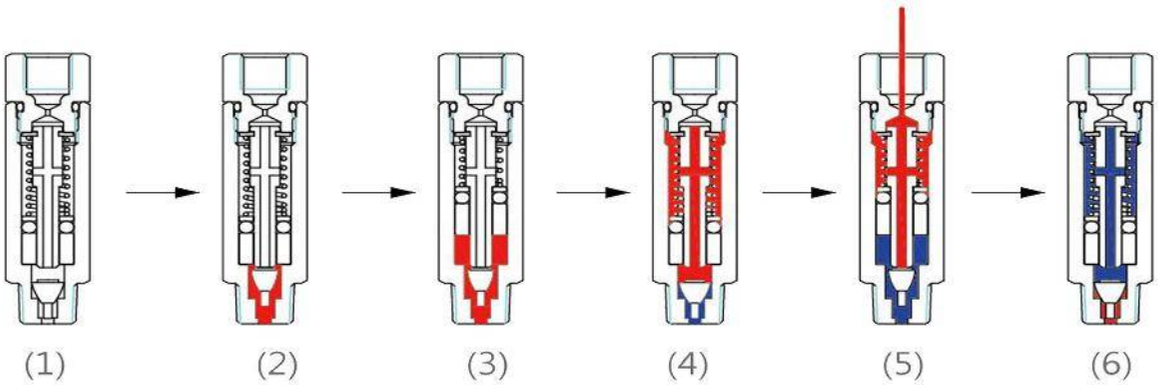


(1) Before the pump starts
(2) Pump starts (pressurization begins)
(3) Pump works (pressurization completes)
(4) Pump stops (storage completes and pistan recoils)
(5) Pump works and pressurization completes (Discharging)
(6) Pumps stops (Storage completes)

DXV-SERIES OPERATION

I. Before the lubricant is fed to prelubricationdistributor. (First installation)

2. The pressure built up in the centralized lubricationsystem pushes the collar upward .

3. The lubricant fed to the distributor causes themetering pistan to move toward the outlet.

4. When the pump is switchedoff, the pressure isrelieved and the lubricant under preload below the metering pushes chamber the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is moved from the metering chamber into the spring chamber. The prelubrication distributor is ready far the next lubrication cycle.

5. When the pump is switched on, the pressure built up in thecentralized lubrication system causes the metering pistan to movetoward the outlet, expelling the lubricant that is under preloaded below the metering pistan.

6. When the pumps is switched off, the pressure is relieved and the lubricant under preload below the metering chamber pushes the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is the metering chamber into the spring chambe

ISH DXV-0600
SM DXV-0600

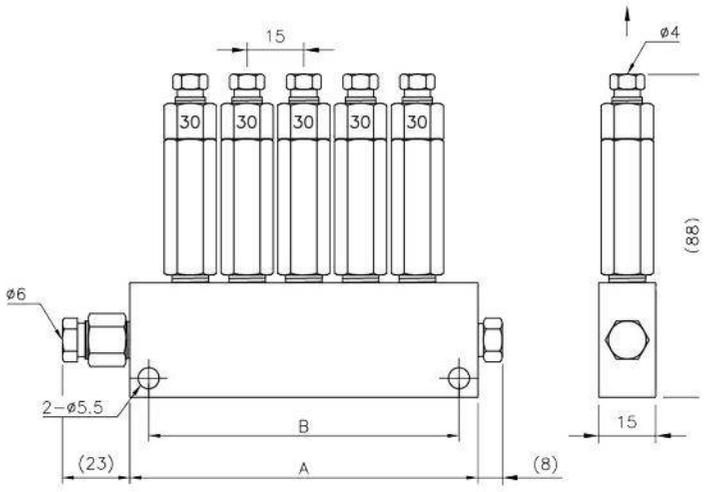
PISTON DISTRIBUITORS

Characteristics & Dimensions

DX SERIES

MODEL	NUMBER OF OULETS	A	B	METERED VOLUME (c.c.)
DXV-0100	1	32.00	22.00	0.02 0.06 0.10 0.16 0.20 0.30 0.40 0.50
DXV-0200	2	47.00	37.00	
DXV-0300	3	62.00	52.00	
DXV-0400	4	77.00	67.00	
DXV-0500	5	92.00	82.00	
DXV-0600	6	107.00	97.00	
DXV-0700	7	122.00	1123.00	
DXV-0800	8	137.00	127.00	
DXV-0900	9	152.00	142.00	

*** All dimensions are given in millimeters.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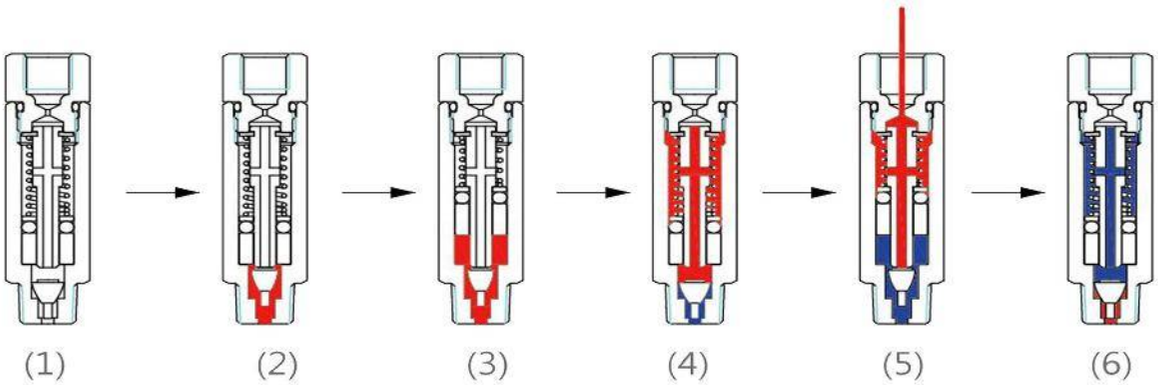

(1) Before the pump starts
(2) Pump starts (pressurization begins)
(3) Pump works (pressurization completes)
(4) Pump stops (storage completes and pistan recoils)
(5) Pump works and pressurization completes (Discharging)
(6) Pumps stops (Storage completes)

DXV-SERIES OPERATION

I. Before the lubricant is fed to prelubricationdistributor. (First installation)

2. The pressure built up in the centralized lubricationsystem pushes the collar upward .

3. The lubricant fed to the distributor causes themetering pistan to move toward the outlet.

4. When the pump is switchedoff, the pressure isrelieved and the lubricant under preload below the metering pushes chamber the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is moved from the metering chamber into the spring chamber. The prelubrication distributor is ready far the next lubrication cycle.

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6. When the pumps is switched off, the pressure is relieved and the lubricant under preload below the metering chamber pushes the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is the metering chamber into the spring chambe

ISH DXV-0700
SM DXV-0700

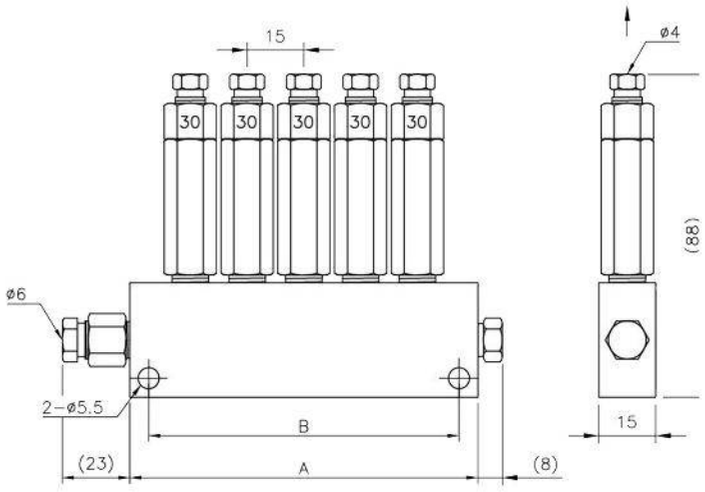
PISTON DISTRIBUITORS

Characteristics & Dimensions

DX SERIES

MODEL	NUMBER OF OULETS	A	B	METERED VOLUME (c.c.)
DXV-0100	1	32.00	22.00	0.02 0.06 0.10 0.16 0.20 0.30 0.40 0.50
DXV-0200	2	47.00	37.00	
DXV-0300	3	62.00	52.00	
DXV-0400	4	77.00	67.00	
DXV-0500	5	92.00	82.00	
DXV-0600	6	107.00	97.00	
DXV-0700	7	122.00	1123.00	
DXV-0800	8	137.00	127.00	
DXV-0900	9	152.00	142.00	

*** All dimensions are given in millimeters.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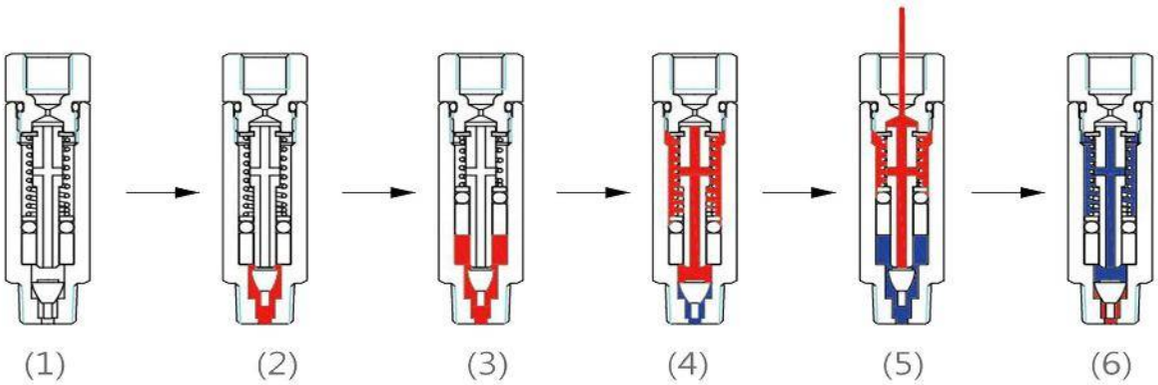

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(6) Pumps stops (Storage completes)

DXV-SERIES OPERATION

I. Before the lubricant is fed to prelubricationdistributor. (First installation)

2. The pressure built up in the centralized lubricationsystem pushes the collar upward .

3. The lubricant fed to the distributor causes themetering pistan to move toward the outlet.

4. When the pump is switchedoff, the pressure isrelieved and the lubricant under preload below the metering pushes chamber the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is moved from the metering chamber into the spring chamber. The prelubrication distributor is ready far the next lubrication cycle.

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6. When the pumps is switched off, the pressure is relieved and the lubricant under preload below the metering chamber pushes the collar back toward the main line. In this process, spring tension causes the metering pistan to return to its normal position. At the same time, the lubricant is the metering chamber into the spring chambe

ISH DXV-0800
SM DXV-0800

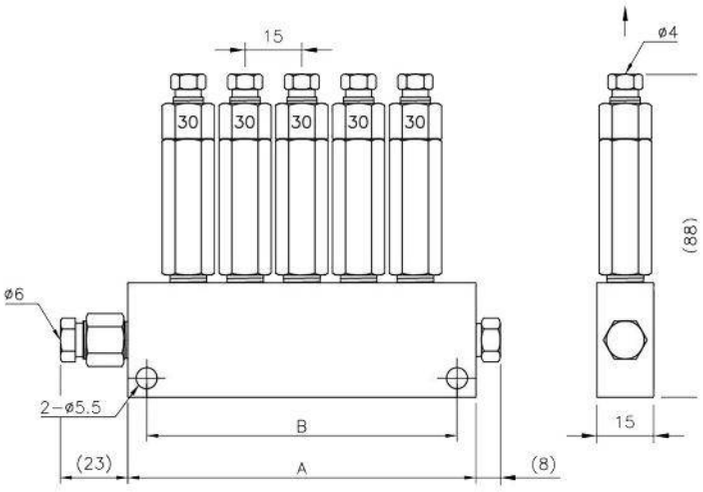
PISTON DISTRIBUITORS

Characteristics & Dimensions

DX SERIES

MODEL	NUMBER OF OULETS	A	B	METERED VOLUME (c.c.)
DXV-0100	1	32.00	22.00	0.02 0.06 0.10 0.16 0.20 0.30 0.40 0.50
DXV-0200	2	47.00	37.00	
DXV-0300	3	62.00	52.00	
DXV-0400	4	77.00	67.00	
DXV-0500	5	92.00	82.00	
DXV-0600	6	107.00	97.00	
DXV-0700	7	122.00	1123.00	
DXV-0800	8	137.00	127.00	
DXV-0900	9	152.00	142.00	

*** All dimensions are given in millimeters.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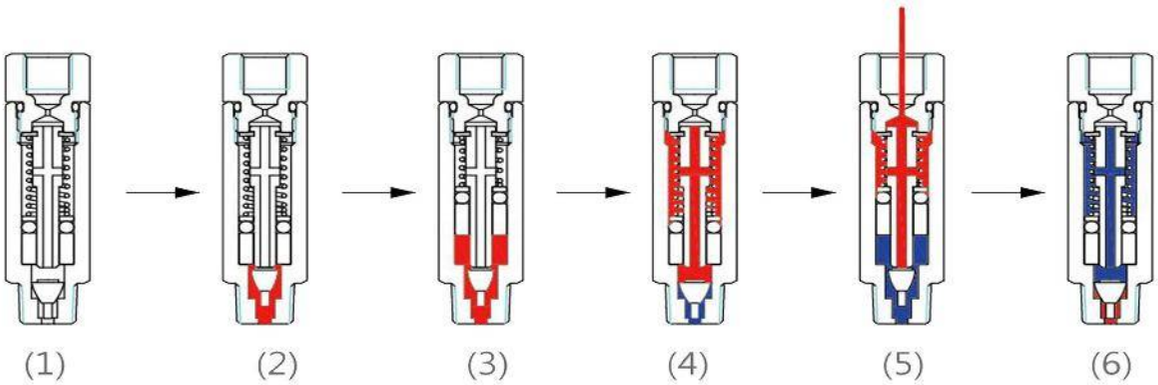

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(6) Pumps stops (Storage completes)

DXV-SERIES OPERATION

I. Before the lubricant is fed to prelubricationdistributor. (First installation)

2. The pressure built up in the centralized lubricationsystem pushes the collar upward .

3. The lubricant fed to the distributor causes themetering pistan to move toward the outlet.

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ISH DXV-0900
SM DXV-0900

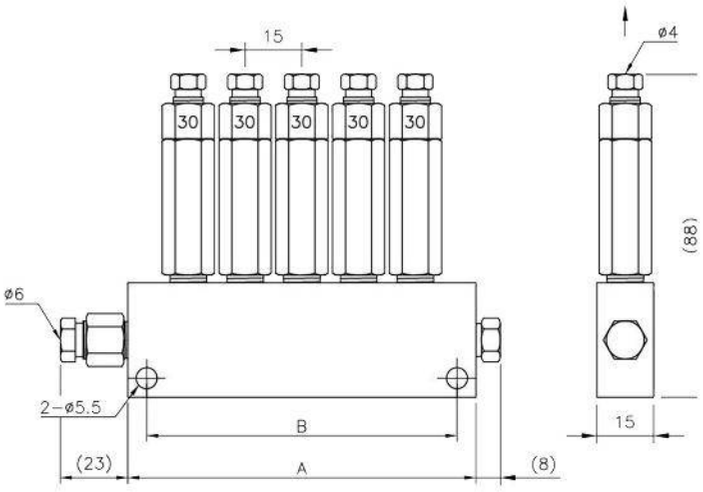
PISTON DISTRIBUITORS

Characteristics & Dimensions

DX SERIES

MODEL	NUMBER OF OULETS	A	B	METERED VOLUME (c.c.)
DXV-0100	1	32.00	22.00	0.02 0.06 0.10 0.16 0.20 0.30 0.40 0.50
DXV-0200	2	47.00	37.00	
DXV-0300	3	62.00	52.00	
DXV-0400	4	77.00	67.00	
DXV-0500	5	92.00	82.00	
DXV-0600	6	107.00	97.00	
DXV-0700	7	122.00	1123.00	
DXV-0800	8	137.00	127.00	
DXV-0900	9	152.00	142.00	

*** All dimensions are given in millimeters.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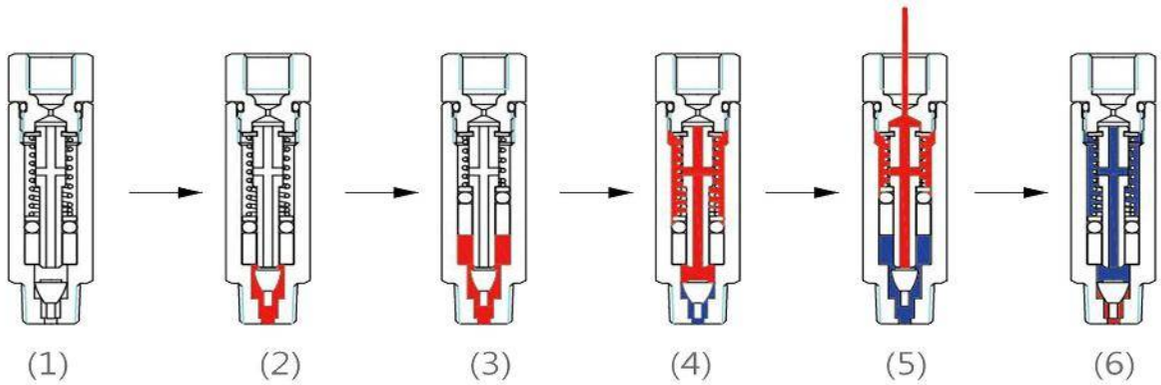

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DXV-SERIES OPERATION

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2. The pressure built up in the centralized lubricationsystem pushes the collar upward .

3. The lubricant fed to the distributor causes themetering pistan to move toward the outlet.

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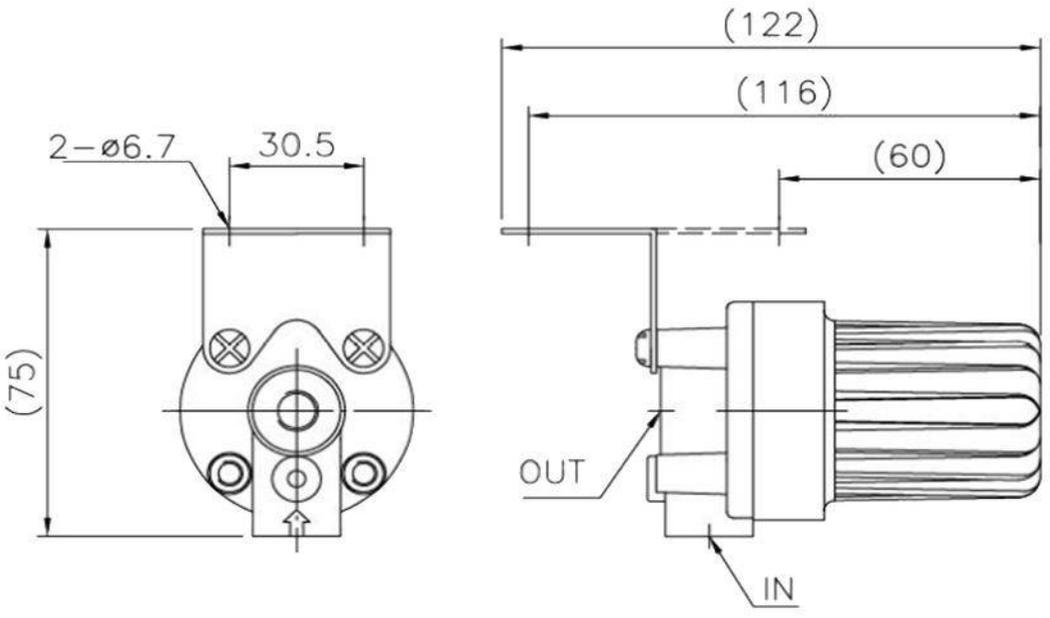
ISH FL SERIES
SM FL SERIES

"FL" OIL FILTER

ISH FL
SM FL

"FL" SERIES
OIL FILTER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Characteristics & Dimensions

MODEL	MAXIMUM OPERATING PRESSURE	MAXIMUM OUTLET VOLUME	FILTERING PRECISSION	IN x OUT	WEIGHT (gr)
FL-010025	*25.00*	*2.50*	*10.00*	*PS 1/8 x PS 1/8* *PS 1/4 x PS 1/4*	*300.00*
FL-025030	*25.00*	*3.00*	*25.00*	*PS 1/8 x PS 1/8* *PS 1/4 x PS 1/4*	*300.00*
FL-125035	*25.00*	*3.50*	*125.00*	*PS 1/8 x PS 1/8* *PS 1/4 x PS 1/4*	*300.00*

** Filtering Precision is given in µm.*
*** Maximum Outlet Volume is given in L/min.*
**** Maximum Operating Pressure is given in Mpa (Kgf/cm²).*
***** All dimensions are given in millimeters.*

ISH FL-H2 SERIES
SM FL-H2 SERIES

GREASE FILTER

ISH FL-H2
SM FL-H2

GREASE FILTER

Characteristics & Dimensions

MODEL	FILTERING PRECISSION	RATED OPERATIONG PRESURE	IN x OUT	A	WEIGHT (gr)
FL-H2 20403-1	*110.00 ~ 120.00*	*10.00*	*Rp 1/8*	*40.00 ~ 45.00*	*332.00 gr*
FL-H2 20403-2	*110.00 ~ 120.00*	*10.00*	*Rp 1/4*	*40.00 ~ 45.00*	*332.00 gr*

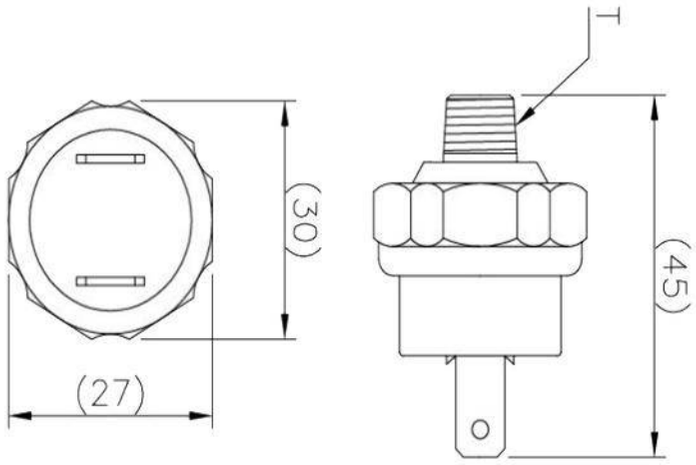
** *Rated Operation Pressure is given in* **Mpa.**
*** *Filtering Precision is given in* **µm.**
**** *All dimensions are given in millimeters.*

ISH FPS SERIES
SM FPS SERIES

REEL PRESSURE SWITCH

ISH FPS
SM FPS

FILM PRESSURE SWITCH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Characteristics & Dimensions

MODEL	SPECIFICATIONS		T	WEIGHT (gr)
	ON	OFF		
321606	*2.10 Kg ▲*	-	*24.00*	*35.00 Gr*
321609	-	*2.10 Kg ▲*	*24.00*	*35.00 Gr*

* ▲ : Upward
** Use rated current 3A and below.
*** Maximum bome pressure is 10 Kgf/cm^2.
**** All measures are given in millimeters.

ISH FS SERIES
SM FS SERIES

FLOATING SWITCH

ISH FS
SM FS

FLOATING SWITCH

Characteristics & Dimensions

MODEL	APPLY FOR
321003-000	*YET-A* *YET-R* *YET-E* *YET-N*
321002-011	*YET-C*
321002-008	*YAC (3L, 4L, 6L, 8L)*
321002-013	*YAE (3L, 4L, 6L, 8L)*

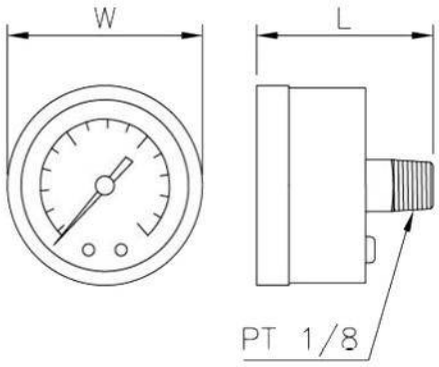
**** All dimensions are given in millimeters.*

ISH HPG SERIES
SM HPG SERIES

HORIZONTAL PRESSURE METER

ISH HPG
SM HPG

HORIZONTAL PRESSURE GAUGE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Characteristics & Dimenssions

MODEL	DIAL SPECIFICATIONS	W	L	WEIGHT (gr)
327004	*1.50 (Bar/Mpa)*	*42.00*	*38.00*	*53.00 Gr*
327005	*3.50 (Bar/Mpa)*	*42.00*	*38.00*	*53.00 Gr*

*** Pressure is given in Bar/Mpa.
**** All dimensions are given in millimeters.

ISH IF SERIES
SM IF SERIES

OIL INLET FILTER

ISH IF
SM IF

TANK SUCTION FILTER

Characteristics & Dimensions

MODEL	APPLY FOR MODEL	FILERING MEDIA
153013	*2 Liter Oil Tank Equipment*	*40 mesh*
153000	*3 ~ 8 Liter Oil Tank Equipment*	*40 mesh*

**** All dimensions are given in millimeters.*

ISH M SERIES
SM M SERIES

BALL
STOP
VALVE

ISH M
SM M

FLOW VALVE

Characteristics & Dimensions

MODEL	SPECIFICATIONS	WEIGHT (gr)
MA0405	*PS1/4" x PE5/16"*	*64.50*
MB0404	*PS1/4" Double Female*	*57.00*
MB0606	*PS3/8" Double Female*	*57.00*
MC0404	*PT1/4" Double Male*	*59.00*
MD0402	*PT1/4" Hembra x PT1/8" (Macho)*	*51.00*
MD0404	*PT1/4" (Male & Female)*	*53.00*
MD0606	*PT3/8" (Male & Female)*	*82.50*
ME0404	*PT1/4" x PE1/4"*	*58.00*
ME0405	*PT1/4" x PE5/16"*	*54.00*
ME0406	*PT1/4" x PE3/8"*	*59.00*

**** All dimensions are given in millimeters.*

ISH NPS SERIES
SM NPS SERIES

NYLON SPRING TUBE FOR HOSE

ISH NPS
SM NPS

NYLON PIPE STRING

Characteristics & Dimensions

DESCRIPTION	MODEL	SPECIFICATIONS	LENGHT
Nylon Tubing Spring	*NPS*	*Ø4.00*	*1,800.00 ± 5.00*
Nylon Tubing Spring	*NPS*	*Ø6.00*	*1,800.00 ± 5.00*

*** Spring total length should be determined by customer.*
**** All dimensions are given in millimeters.*

ISH P SERIES
SM P SERIES

TUBE

ISH P
SM P

TUBE

- *Copper Tube*
- *Aluminum Tube*
- *Plastic Tube*
- *Nylon Tube*

Characteristics & Dimensions

PIPE DESCRIPTION	MODEL	SPECIFICATIONS	PIPE DIAMETER		
			Ø4	Ø6	Ø8
Copper Pipe	*P-CP*	*Minimum Bendig Radio*	*R20*	*R30*	-
Aluminum Pipe	*P-AP*	*Minimum Bendig Radio*	*R20*	*R40*	-
Plastic Pipe	*P-PP*	*Minimum Bendig Radio*	*R20*	*R40*	*R40*
Nylon Pipe	*P-NP*	*Minimum Bendig Radio*	*R20*	*R30*	*R50*

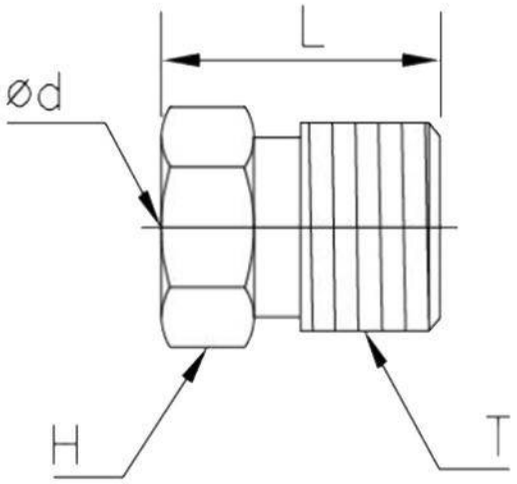
*** Pipe length should be determined by customer.*
**** All dimensions are given in millimeters.*

ISH PA SERIES
SM PA SERIES

COMPRESSION BUSHING

ISH PA
SM PA

COMPRESSION NUT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Characteristics & Dimensions

MODEL	OUTPUT BORE	Ød	D	L	H	WEIGHT (gr)
PA04	Ø4	4.10	12.00	M8 x 1.00	8.00	0.30
PA06	Ø6	6.10	12.50	M10 x 1.00	10.00	0.60
PA08	Ø8	8.10	14.00	M14 x 1.50	14.00	2.00
PA10	Ø10	10.10	15.00	M16 x 1.50	16.00	3.00

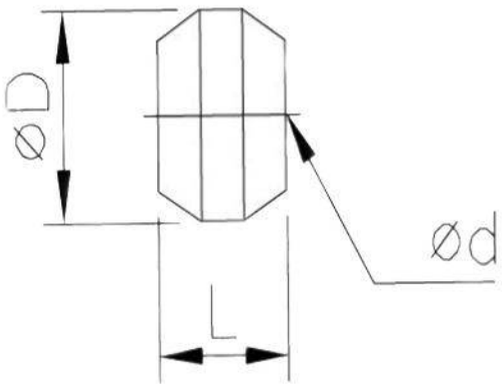
***** All dimensions are given in millimeters

ISH PB SERIES
SM PB SERIES

COMPRESSION SLEEVE

ISH PB
SM PB

COMPRESSION SLEVE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Characteristics & Dimensions

MODEL	OUTPUT BORE	Ød	D	L	WEIGHT (gr)
PB04	Ø4	4.10	6.00	4.50	0.30
PB06	Ø6	6.10	8.00	4.50	0.60
PB08	Ø8	8.10	11.00	7.00	2.00
PB10	Ø10	10.10	13.50	8.00	3.00

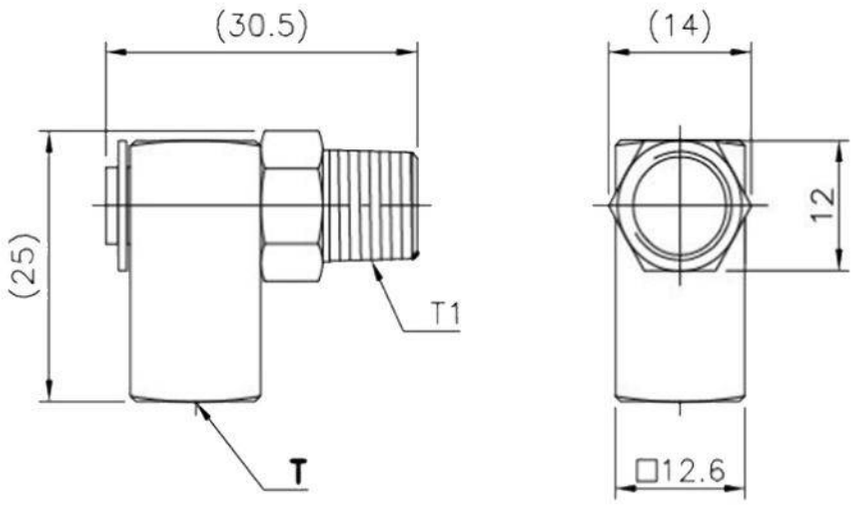
**** All dimensions are given in millimeters.

ISH PC SERIES
SM PC SERIES

SWIVEL
ELBOW
ADAPTER

ISH-PC SERIES
SM-PC SERIES

SWIVEL ELBOW ADAPTER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Characteristics & Dimensions

MODEL	OUTPUT BORE	T	T1	WEIGHT (gr)
PC0401	Ø4	M8 x 1.00	PT1/8"	38.00
PC0101	-	PT1/8"	PT1/8"	36.00

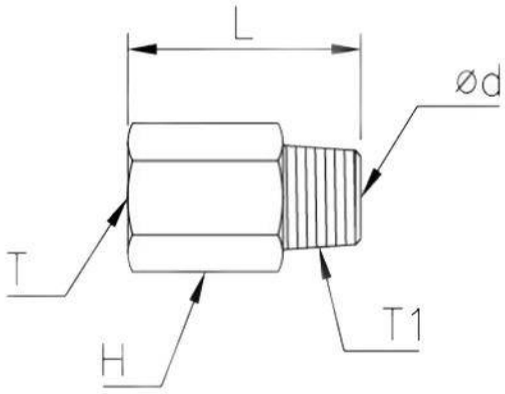
***** All dimensions are given in millimeters.

ISH PD SERIES
SM PD SERIES

STRAIGHT ADAPTER

ISH PD SERIES
SM PD SERIES

STREIGHT ADAPTOR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Characteristics & Dimensions

MODEL	Ø	Ød	L	T	T1	H	WEIGHT (gr)
PD0401	Ø4	3.00	18.00	M8 x 1.00	PT1/8"	10.00	8.00
PD0402	Ø4	3.50	18.00	M8 x 1.00	PT¼"	14.00	17.00
PD0406-1	Ø4	2.50	18.00	M8 x 1.00	M6 x 0.75	10.00	6.00
PD0406-1	Ø4	2.50	18.00	M8 x 1.00	M6 x 1.00	10.00	6.00
PD0408	Ø4	3.00	18.00	M8 x 1.00	M8 x 1.00	10.00	6.00
PD0601	Ø6	4.00	18.00	M10 x 1.00	PT1/8"	12.00	8.00
PD0602	Ø6	5.00	18.00	M10 x 1.00	PT¼"	14.00	14.00
PD0608	Ø6	3.00	18.00	M10 x 1.00	M8 x 1.00	12.00	8.00
PD0801	Ø8	5.00	26.00	M14 x 1.50	PT1/8"	17.00	22.00
PD0802	Ø8	6.00	26.00	M14 x 1.50	PT¼"	17.00	26.00
PD1001	Ø10	5.00	28.00	M16 x 1.50	PT1/8"	19.00	29.00
PD1002	Ø10	7.00	28.00	M16 x 1.50	PT¼"	19.00	33.00

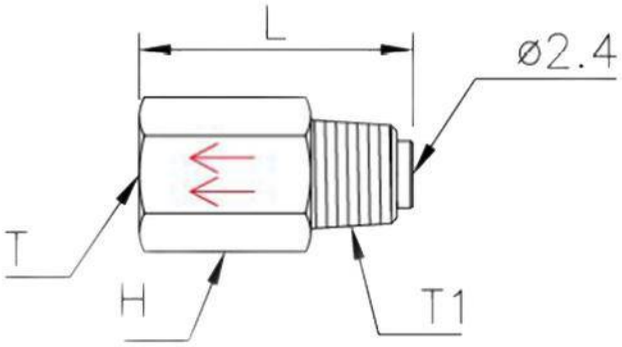
***** All dimensions are given in millimeters.*

ISH PD-A SERIES
SM PD-A SERIES

STRAIGHT
ONE-WAY ADAPTER

ISH PD-A SERIES
SM PD-A SERIES

ONE WAY STREIGHT ADAPTER


L
ø2.4
T
H
T1

Characteristics & Dimensions

MODEL	Ø	L	T	T1	h	WEIGHT (gr)
PD0401A	Ø4	26.00	M8 x 1.00	PT1/8"	10.00	11.00
PD0601A	Ø6	26.00	M10 x 1.00	PT1/8"	12.00	14.00

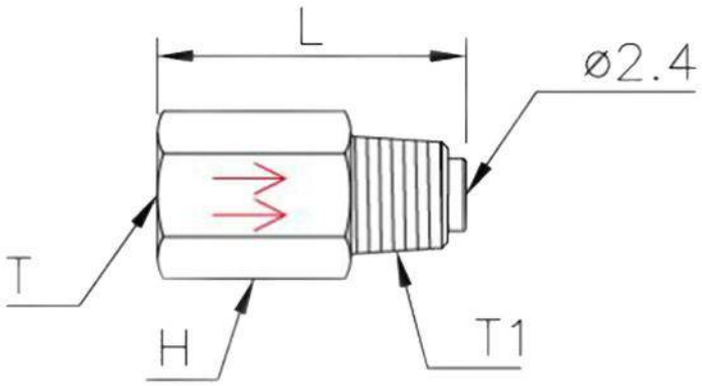
**** All dimensions are given in millimeters.

ISH PD-B SERIES
SM PD-B SERIES

REVERSIBLE FLOW STRAIGHT ADAPTER

ISH PD-B SERIES
SM PD-B SERIES

REVERSE-FLOW STREIGHT ADAPTER


L
ø2.4
T
H
T1

Characteristics & Dimensions

MODEL	Ø	L	T	T1	h	WEIGHT (gr)
PD0401B	Ø4	26.00	M8 x 1.00	PT1/8"	10.00	11.00
PD0601B	Ø6	26.00	M10 x 1.00	PT1/8"	12.00	14.00

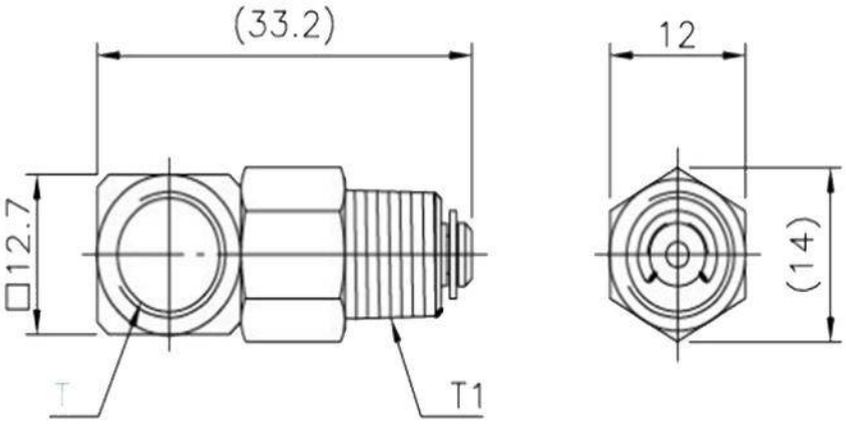
***** All dimensions are given in millimeters.

ISH PE SERIES
SM PE SERIES

ELBOW ADAPTER WITH FLAT SWIVEL

ISH PE SERIES
SM PE SERIES

SWIVEL ELBOW ADAPTER


(33.2)
12
□12.7
(14)
T
T1

Characteristics & Dimensions

MODEL	OUTPUT BORE	T	T1	WEIGHT (gr)
PE0101	-	*PS1/8"*	*PT1/8"*	*25.00*

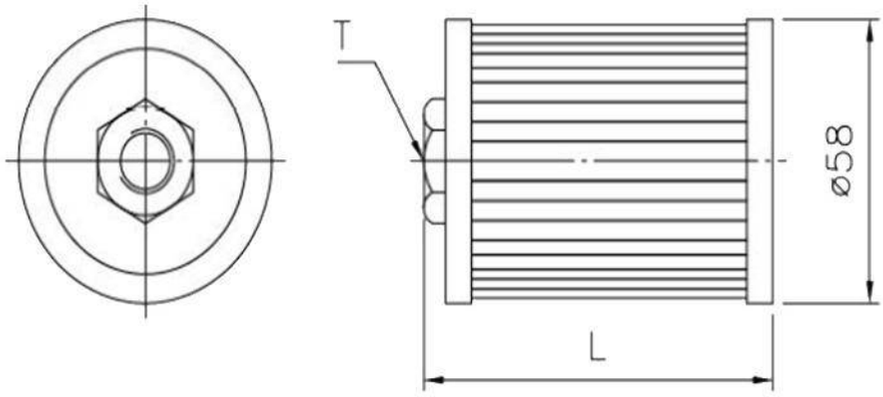
**** *All dimensions are given in millimeters.*

ISH PF SERIES
SM PF SERIES

OIL FILTER

ISH PF
SM PF

OIL FILTER


T
ø58
L

Characteristics & Dimensions

MODEL	T	L	FILTERING PRECISSION	WEIGHT (gr)
PF25806	*PT1/4"*	*60.00*	*196.00 µm*	*125.00 gr*
PF25808	*PT1/4"*	*80.00*	*196.00 µm*	*140.00 gr*
PF25810	*PT1/4"*	*100.00*	*196.00 µm*	*150.00 gr*
PF35806	*PT1/8"*	*60.00*	*196.00 µm*	*120.00 gr*
PF35808	*PT1/8"*	*80.00*	*196.00 µm*	*130.00 gr*
PF35810	*PT1/8"*	*100.00*	*196.00 µm*	*135.00 gr*

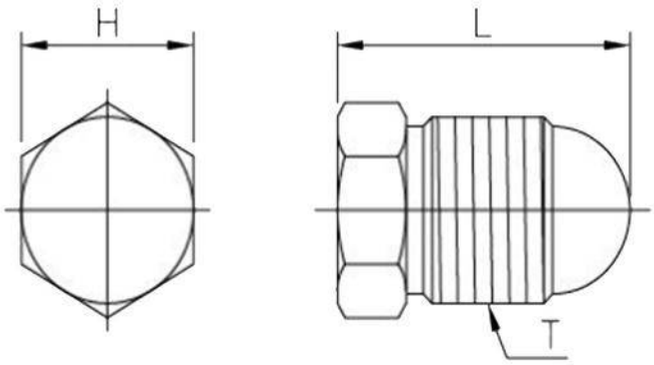
**** Filtering Precision is given in µm.*
***** All dimensions are given in millimeters.*

ISH PG SERIES
SM PG SERIES

OIL FILTER

ISH PG
SM PG

PLUG


H
L
T

Characteristics & Dimensions

MODEL	L	T	H	WEIGHT (gr)
PG04	*16.00*	*M8 x 1.00*	*8.00*	*5.40*
PG06	*17.00*	*M10 x 1.00*	*10.00*	*8.80*

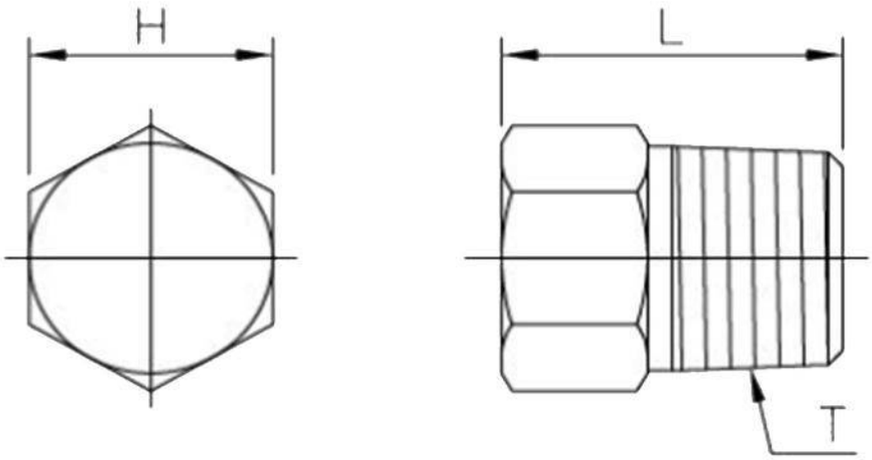
**** All dimensions are given in millimeters.

ISH PG-C SERIES
SM PG-C SERIES

CLOSING PLUG

ISH PG-C
SM PG-C

CLOSURE PLUG


H
L
T

Characteristics & Dimensions

MODEL	L	T	H	WEIGHT (Gr.)
PG0408-C	*12.00*	*M8 x 1.00*	*8.00*	*4.40*
PG0601-C	*14.00*	*PT 1/8"*	*10.00*	*7.60*

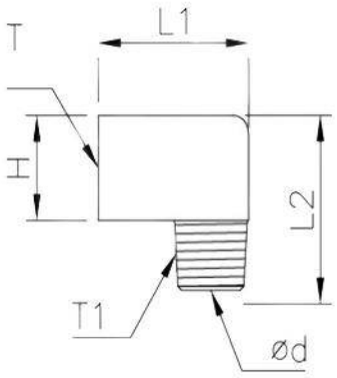
*** The lenght of the hose shoul de determined by customer.*
**** All dimensions are given in millimeters.*

ISH PH SERIES
SM PH SERIES

ELBOW ADAPTER

ISH PH
SM PH

ELBOW ADAPTER


T
L1
H
L2
T1
ød

Characteristics & Dimensions

MODEL	Ø	Ød	L1	L2	T	T1	H	WEIGHT (gr)
PH0401	Ø4	3.00	18.00	18.00	M8 x 1.00	PT1/8"	10.00	13.00
PH0402	Ø4	4.00	20.00	22.00	M8 x 1.00	PT¼"	14.00	32.00
PH0406-1	Ø4	2.00	18.00	18.00	M8 x 1.00	M6 x 0.75	10.00	13.00
PH0406	Ø4	2.00	18.00	18.00	M8 x 1.00	M6 x 1.00	10.00	12.00
PH0408	Ø4	3.00	18.00	18.00	M8 x 1.00	M8 x 1.00	10.00	13.00
PH0601	Ø6	4.00	20.00	20.00	M10 x 1.00	PT1/8"	12.00	20.00
PH0602	Ø6	4.00	20.00	22.00	M10 x 1.00	PT¼"	14.00	29.00
PH0608	Ø6	3.00	20.00	20.00	M10 x 1.00	M8 x 1.00	12.00	20.00
PH0801	Ø8	5.00	26.00	29.00	M14 x 1.50	PT1/8"	17.00	52.00
PH0802	Ø8	6.00	26.00	29.00	M14 x 1.50	PT¼"	17.00	56.00
PH1001**	Ø10	5.00	29.00	31.00	M16 x 1.50	PT1/8"	19.00	70.00
PH1002	Ø10	7.00	29.00	31.00	M16 x 1.50	PT¼"	19.00	70.00

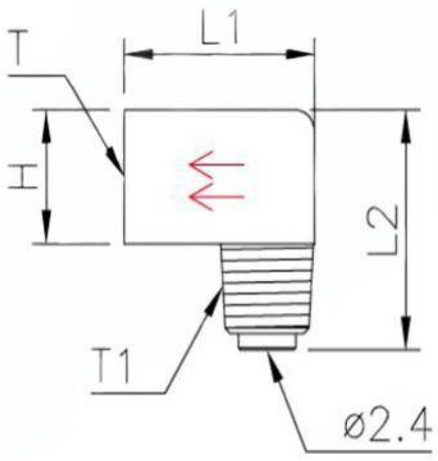
** This item should be by special customers request.
*** This products is manufactured in zinc.
**** All dimensions are given in millimeters.

ISH PH-A SERIES
SM PH-A SERIES

ADAPTER ON UNI-DIRECTIONAL FLOW ELBOW

ISH PH-A
SM PH-A

ONE-WAY ELBOW ADAPTOR


T
L1
H
L2
T1
ø2.4

Characteristics & Dimensions

MODEL	Ø	L1	L2	T	T1	H	WEIGHT (gr)
PH0401A	Ø4	18.00	20.00	M8 x 1.00	PT1/8"	10.00	14.00
PH0601A	Ø6	20.00	22.00	M10 x 1.00	PT1/8"	12.00	21.00

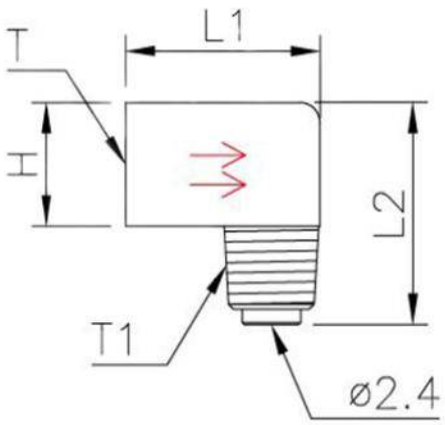
*** This item should be by special customers request.*
**** This products is manufactured in zinc.*
***** All dimensions are given in millimeters.*

ISH PH-B SERIES
SM PH-B SERIES

REVERSIBLE FLOW ELBOW ADAPTER

ISH PH-B
SM PH-B

REVERSE-FLOW ELBOW ADAPTER


T
L1
H
L2
T1
ø2.4

Characteristics & Dimensions

MODEL	Ø	L1	L2	T	T1	H	WEIGHT (gr)
PH0401B	Ø4	18.00	20.00	M8 x 1.00	PT1/8"	10.00	14.00
PH0601B	Ø6	20.00	22.00	M10 x 1.00	PT1/8"	12.00	21.00

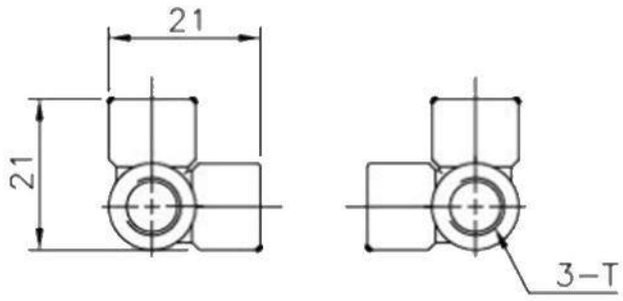
*** This item should be by special customers request.*
**** This products is manufactured in zinc.*
***** All dimensions are given in millimeters.*

ISH PHD03 SERIES
SM PHD03 SERIES

3 WAY JUNCTION

ISH PHD03
SM PHD03

3-WAY JUNCTION


21
21
3–T

Características Y Dimensiones

MODEL	Ø	T	WEIGHT (gr)
PHD0301	*Ø4*	*M8 x 1.00*	*20.00*

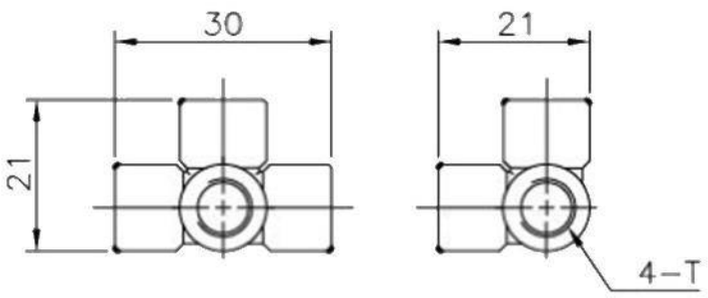
**** This product is manufactured in Zamak.*
***** All dimensions are given in millimeters.*

ISH PHD04 SERIES
SM PHD04 SERIES

4 WAY JUNCTION

ISH PHD04
SM PHD04

4-WAY JUNCTION


30
21
21
4–T

Characteristics & Dimensions

MODEL	Ø	T	WEIGHT (gr)
PHD0401	*Ø4*	*M8 x 1.00*	*25.00*

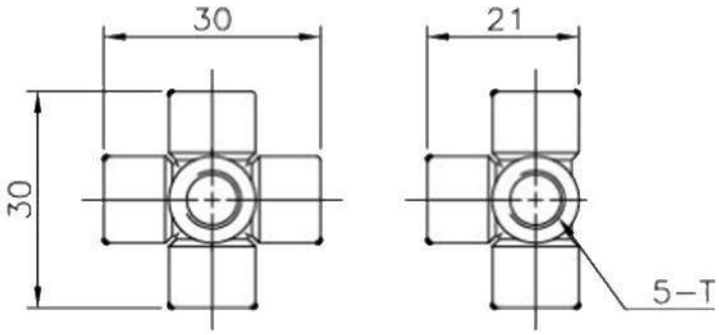
**** This product is manufactured in Zamak.*
***** All dimensions are given in millimeters.*

ISH PHD05 SERIES
SM PHD05 SERIES

5 WAY JUNCTION

ISH PHD05
SM PHD05

5-WAY JUNCTION


30
30
21
5–T

Características Y Dimensiones

MODEL	Ø	T	WEIGHT (gr)
PHD0501	*Ø4*	*M8 x 1.00*	*29.00*

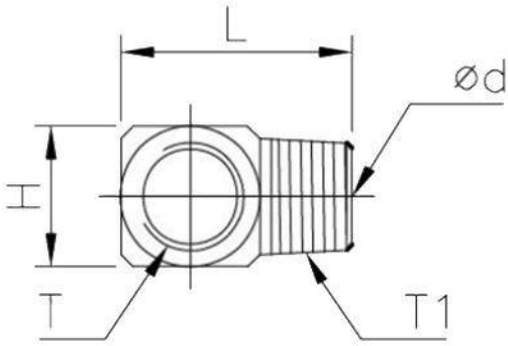
**** This product is manufactured in Zamak.*
***** All dimensions are given in millimeters.*

ISH PI SERIES
SM PI SERIES

FLAT
ELBOW
ADAPTER

ISH PI SERIES
SM PI SERIES

PLANE ELBOW ADAPTER


L
ød
H
T
T1

Characteristics & Dimensions

MODEL	Ø	Ød	L	T	T1	H	WEIGHT (gr)
PI0401	Ø4	2.50	21.00	M8 x 1.00	PT1/8"	12.70	17.00
PI0408	Ø4	2.50	21.00	M8 x 1.00	M8 x 1.0	12.70	15.00
PI0601	Ø6	2.30	22.00	M10 x 1.00	PT1/8"	14.00	15.00
PI0101	-	2.50	21.00	PS1/8"	PT1/8"	12.70	15.00

*** All dimensions are given in millimeters.

ISH PJ SERIES
SM PJ SERIES

2 WAY JUNCTION

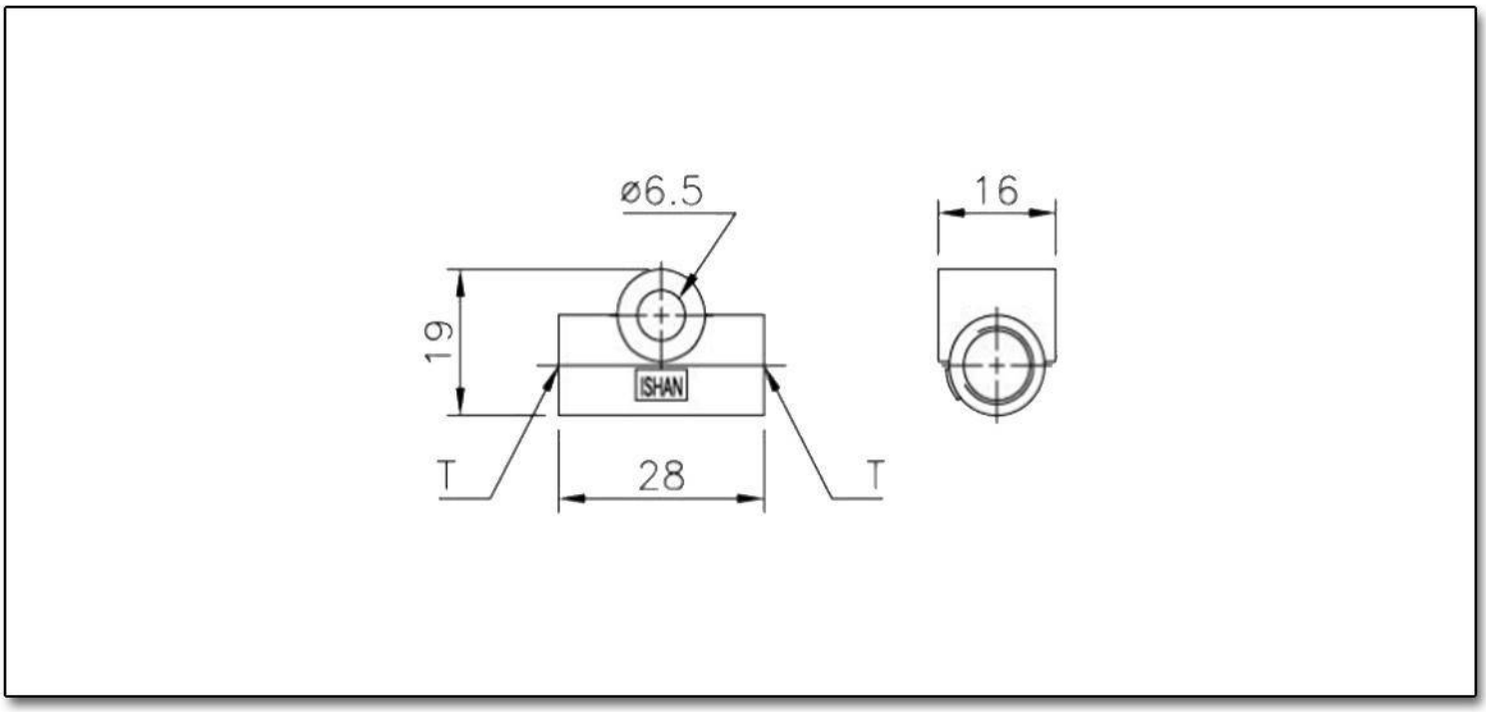
ISH PJ
SM PJ

2-WAY JUNCTION

Characteristics & Dimensions

MODEL	Ø	T	L	WEIGHT (gr)
PJ0404	Ø4 xØ4	M8 x 1.00	M8 x 1.00	23.00
PJ0406	Ø4 x Ø6	M8 x 1.00	M8 x 1.00	22.00
PJ0606	Ø6 x Ø6	M10 x 1.00	M10 x 1.00	20.00

**** All dimensions are given in millimeters.

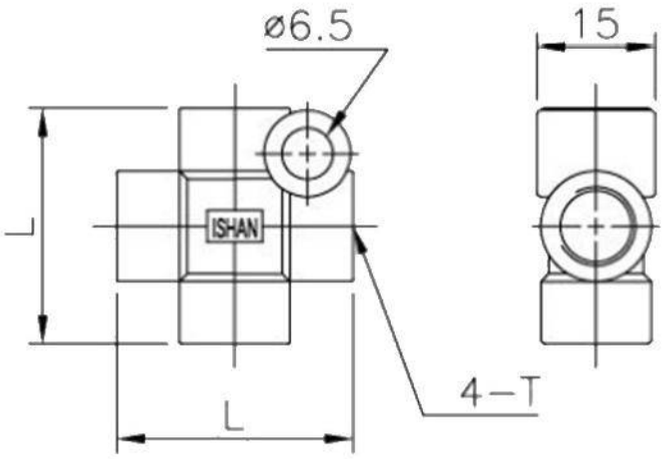

ø6.5
16
19
ISHAN
T
28
T

ISH PJD SERIES
SM PJD SERIES

CROSS JUNCTION

ISH PJD
SM PJD

CROSS JUNCTION


ø6.5
15
ISHAN
L
4−T

Characteristics & Dimensions

MODEL	Ø	T	L	WEIGHT (gr)
PJD04	*Ø4*	*M8 x 1.00*	*28.00*	*15.00*
PJD06	*Ø6*	*M10 x 1.00*	*30.00*	*26.00*

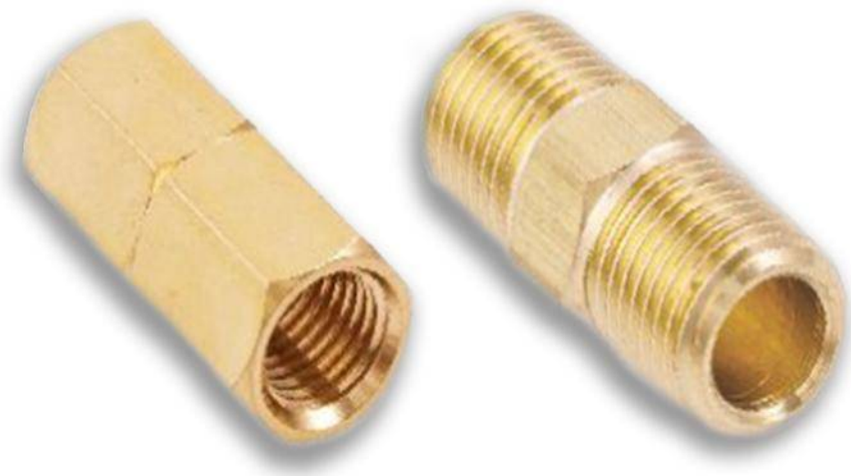
**** All dimensions are given in millimeters.

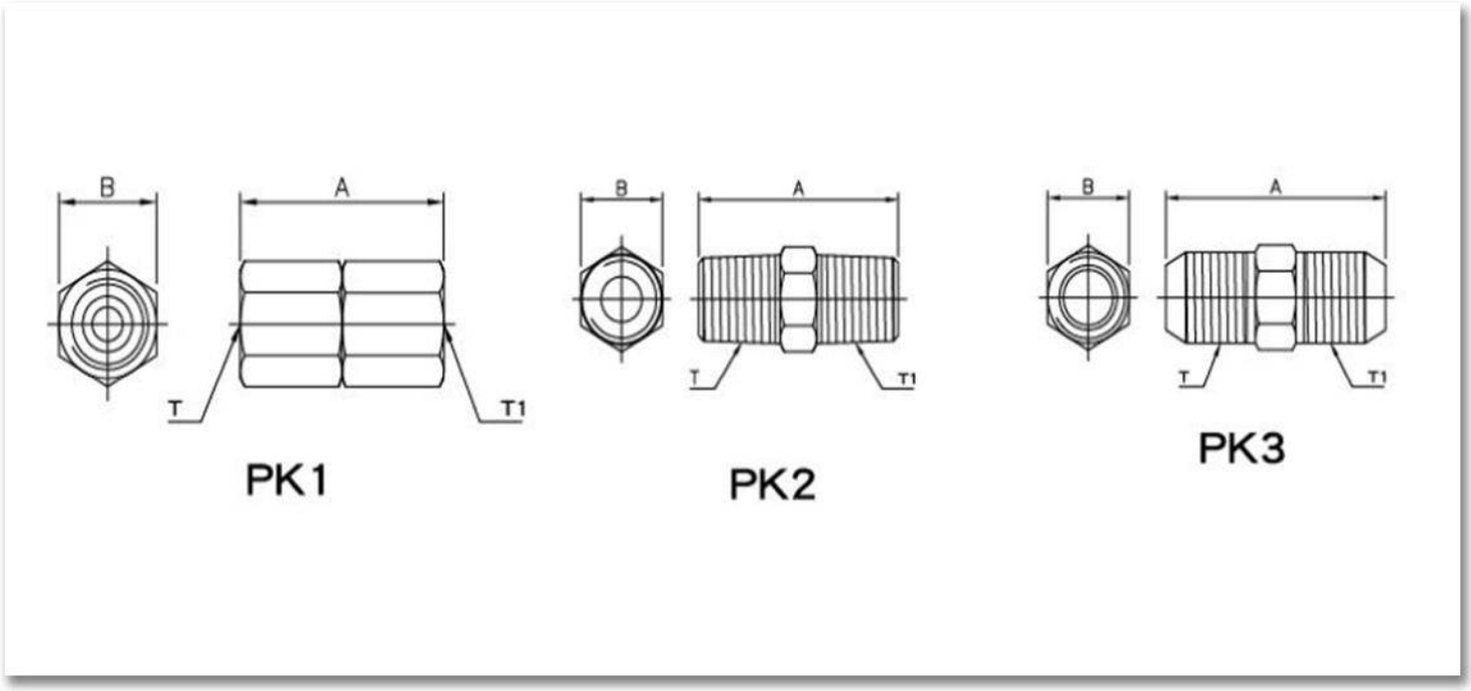
ISH PK SERIES
SM PK SERIES

CONECTORS

ISH PK
SM PK

CONNECTOR




B
A
T
T1
PK1
B
A
T
T1
PK2
B
A
T
T1
PK3

Characteristics & Dimensions

MODEL	A	B	T	T1	WEIGHT (gr)
PK10404	23.00	*10.00*	*M8 x 1.00*	*M8 x 1.00*	*1.00*
PK10606	25.00	*12.00*	*M10 x 1.00*	*M10 x 1.00*	*15.00*
PK20101	24.50	*10.00*	*PT 1/8"*	*PT 1/8"*	*9.00*
PK20102	27.00	*14.00*	*PT 1/8"*	*PT 1/8"*	*17.00*
PK20202	30.00	*14.00*	*PT 1/4"*	*PT 1/4"*	*19.00*
PK20203	30.00	*17.00*	*PT 1/4"*	*PT 3/8"*	*26.00*
PK31010	29.00	*17.00*	*M10 x 1.00*	*30.00*	*9.00*

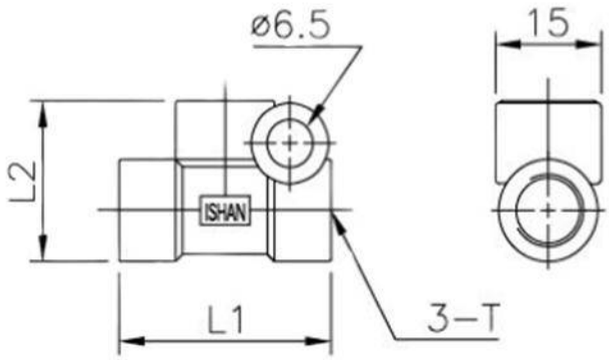
**** All dimensions are given in millimeters.

ISH PKD SERIES
SM PKD SERIES

"T" JUNCTION

ISH PKD
SM PKD

"T" JUNCTION


ø6.5
15
L2
ISHAN
L1
3–T

Characteristics & Dimensions

MODEL	Ø	L	T	L1	L2	WEIGHT
PKD04	Ø4	*26.00*	*M8 x 1.00*	*28.00*	*19.50*	*15.00 gr*
PKD06	Ø6	*26.00*	*M10 x 1.00*	*30.00*	*22.00*	*26.00 gr*

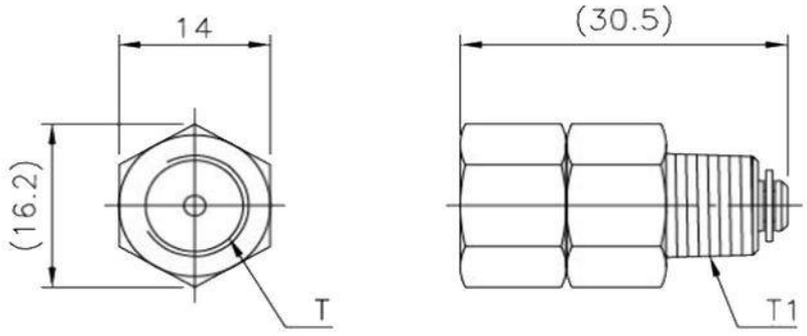
***** All dimensions are given in millimeters.*

ISH PM SERIES
SM PM SERIES

HOSE ARMORED WITH STEEL MESH

ISH PM SERIES
SM PM SERIES

SWIVEL STREIGHT ADAPTER


14
(16.2)
T
(30.5)
T1

Characteristics & Dimensions

MODEL	OUTPUT BORE	T	T1	WEIGHT (gr)
PM0401	Ø4	*M8 x 1.00*	*PT 1/8"*	*28.00*
PM0101	0	*PT 1/8"*	*PT 1/8"*	*28.00*

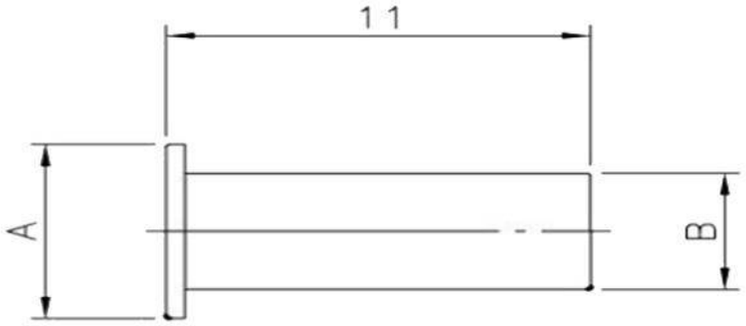
***** All dimensions are given in millimeters.*

ISH PPD SERIES
SM PPD SERIES

COMPRESSION INSERT

ISH PPD
SM PPD

COMPRESSION INSERT


11
A
B

Characteristics & Dimenssions

Model	A	B	Weight (gr)
PPD-04	Ø4	Ø2	0.16
PPD-06	Ø6	Ø4	0.20

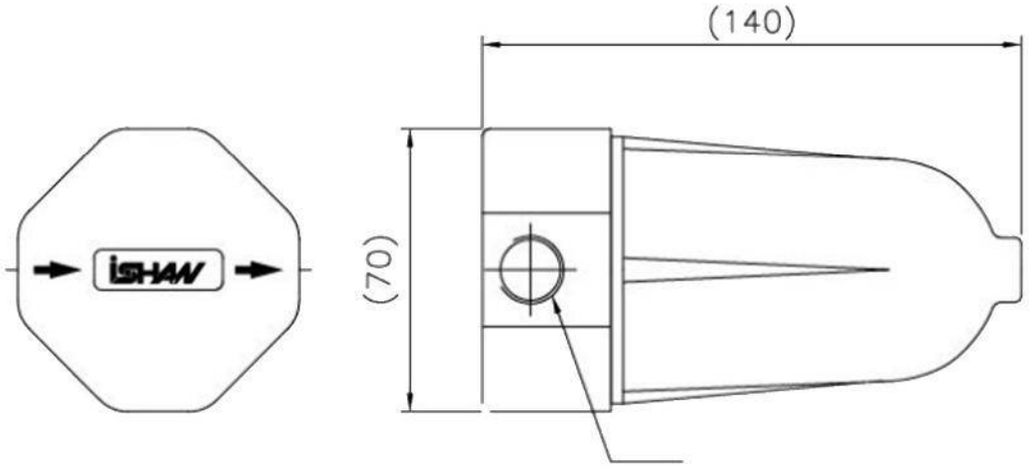
**** Todas las dimensiones están dadas en milímetros.

ISH PR SERIES
SM PR SERIES

DOUBLE-SIDED OIL FILTER

ISH PR
SM PR

DOUBLE SIDED OIL FILTER


(140)
(70)
2−T

Characteristics & Dimensions

Model	Input x Output	Filter Grain	Weight
PR0202	*PS1/4" x PS1/4"*	*196.00 µm*	*1,000.00 gr*
PR0303	*PS3/8" x PS3/8"*	*196.00 µm*	*1,000.00 gr*

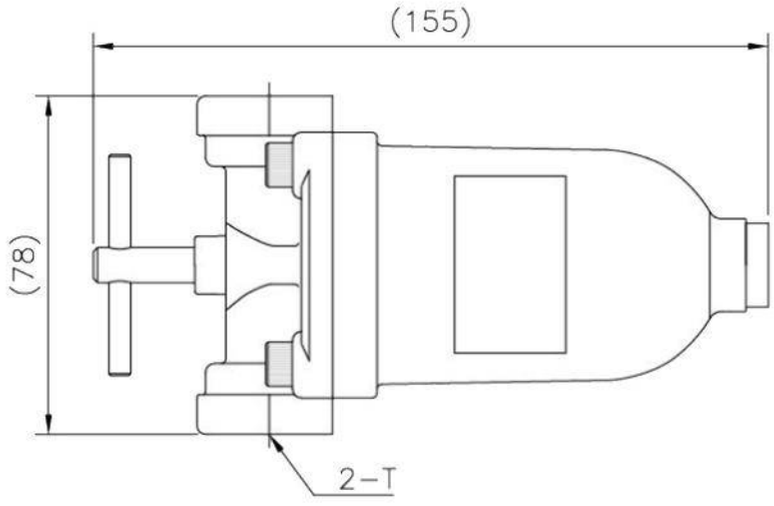
***** *SII dimensions are given in millimeters.*

ISH PRC SERIES
SM PRC SERIES

OIL FILTER WITH AUTOMATIC PURGE

ISH PR-C
SM PR-C

OIL FILTER WITH AUTOMATIC PURGE


(155)
(78)
2−T

Characteristics & Dimensions

Model	Input x Output	Filter Grain	Maximum Output Volume	Maximum Working Pressure
PR-C1	*PS1/4" x PS1/4"*	*60.00 µm*	*20.00 L/min*	*15.00 Kgf/cm²*
PR-C2	*PS3/8" x PS3/8"*	*60.00 µm*	*20.00 L/min*	*15.00 Kgf/cm²*
PR-C3	*PS1/2" x PS1/2"*	*60.00 µm*	*20.00 L/min*	*15.00 Kgf/cm²*

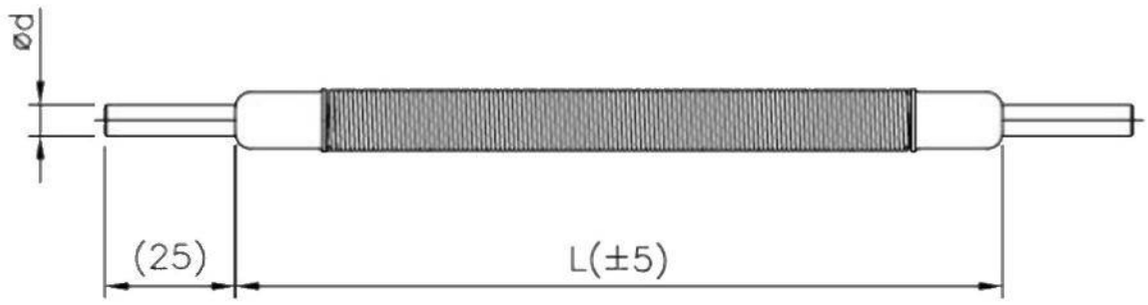
**** All dimensions are given in millimeters.

ISH P-SF SERIES
SM P-SF SERIES

HOSE ARMORED WITH STEEL MESH

ISH P-SF
SM P-SF

STEEL REINFORCED HOSE


Ød
(25)
L(±5)

Characteristics & Dimensions

Model	Operating Tube Diameter	Maximum Pressure
P-SF04	Ø4.00	10.00MPa (100.00Kgf/cm²)
P-SF06	Ø6.00	10.00MPa (100.00Kgf/cm²)

*** Tube lenght must be determined by customer.
**** All dimensions are given in millimeters.

ISH PSMT SERIES
SM PSMT SERIES

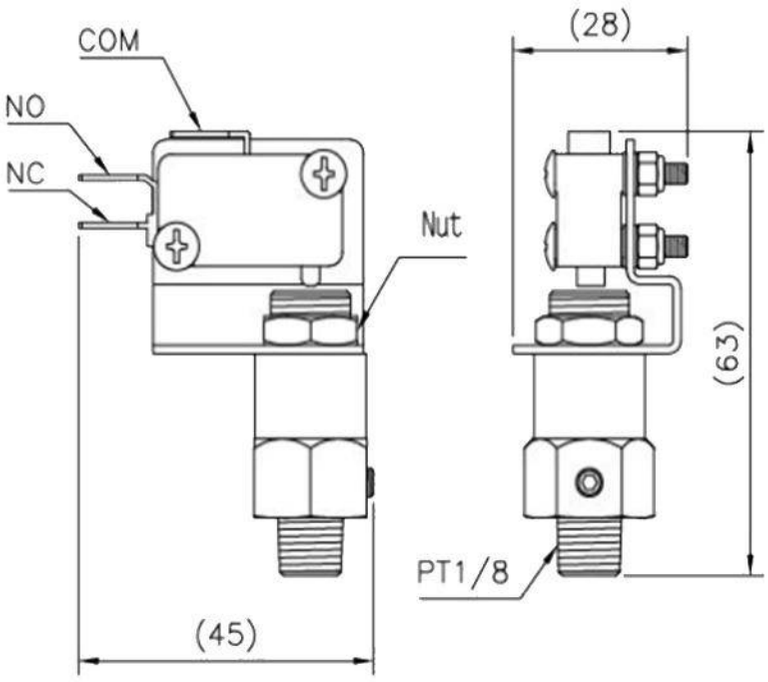
PRESSURE SWITCH

ISH PSMT
SM PSMT

PRESSURE SWITCH
(MECHANICAL TYPE)

RECOMMENDATIONS

1.- It has the option of Normally Open and Normally Closed
2.- A special length can be requested for the output cables upon customer request.
3.- The maximum output of the device is 5A, the maximum pressure is 3.00 MPa (30.00 Kgf/cm^2)


COM
NO
NC
Nut
(28)
(63)
PT1/8
(45)

Characteristics & Dimensions

Model	Graduation	H
321660	*12.00 Kgf/cm² ~ 9.00 Kgf/cm²*	*24.00*

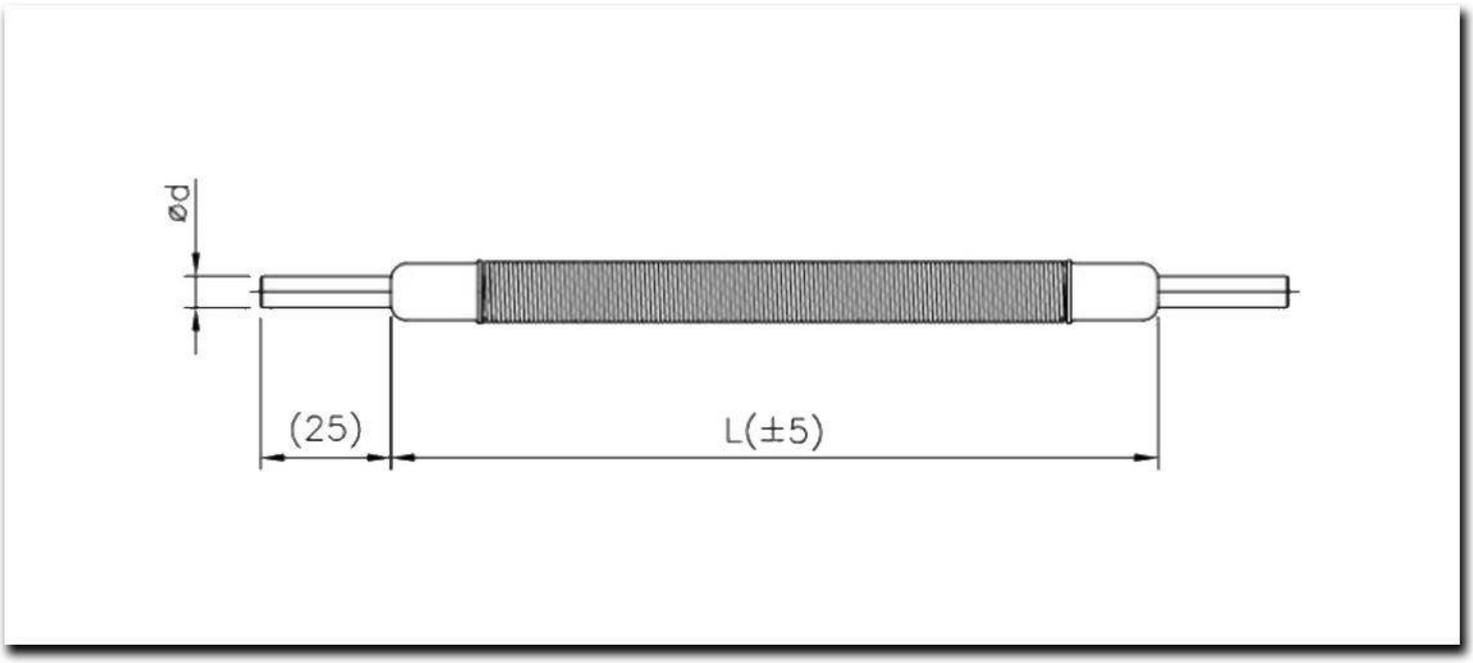
***** All dimensions are given in millimeters.*

ISH PST SERIES
SM PST SERIES

FLEXIBLE HOSE

ISH PST
SM PST

FLEXIBLE HOSE


Ød
(25)
L(±5)

Characteristics & Dimensions

FLEXIBLE HOSE		
MODEL	TUBE DIAMETER	PRESURE RANGE
PST04	Ø4.00	0 ~ 4MPa (0 ~ 40Kgf/cm²)
PST06	Ø6.00	0 ~ 4MPa (0 ~ 40Kgf/cm²)
PSM04	Ø4.00	4 ~ 8MPa (40 ~ 80Kgf/cm²)
PSM06	Ø6.00	4 ~ 8MPa (40 ~ 80Kgf/cm²)

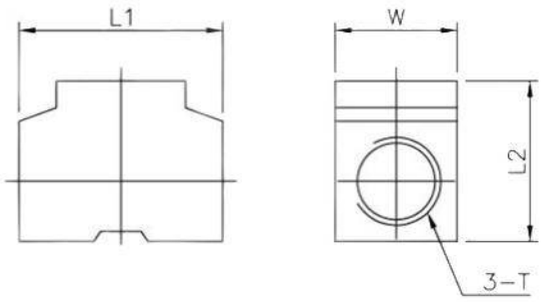
*** Pressure Range is given in Kgf/cm².
***** All dimensions are given in millimeters.

ISH PT SERIES
SM PT SERIES

3-WAY CONNECTOR

ISH PT
SM PT

3 WAY JUNCTION


L1
W
L2
3-T

Characteristics & Dimension

Modle	T	L1	L2	W	Peso
PT01	*PS 1/8"*	*27*	*21.00*	*14.00*	*34.00 gr*
PT02	*PS 1/4"*	*31*	*25.00*	*18.00*	*57.00 gr*
PT03	*PS 3/8"*	*40*	*31.00*	*21.00*	*86.00 gr*

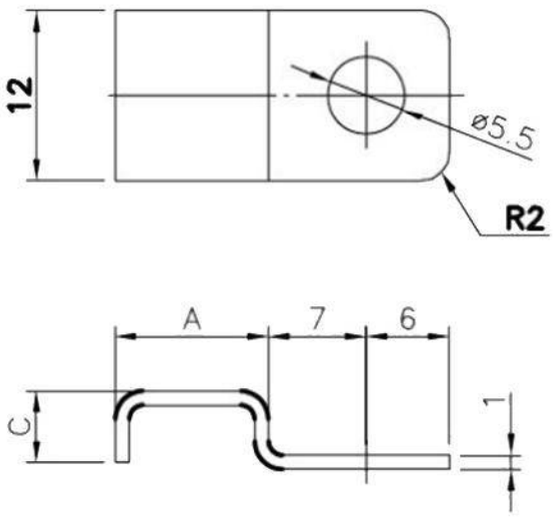
**** The lenght of the hose should be determinded by customer.*
***** All dimensions are given in millimeters.*

ISH PZ SERIES
SM PZ SERIES

TUBE GRIPING CLIP

ISH PZ
SM PZ

TUBE GRIPPING CLIP


12
ø5.5
R2
A
7
6
C
1

Characteristics & Dimension

Modle	T	L1	L2	W	Peso
PT01	*PS 1/8"*	*27*	*21.00*	*14.00*	*34.00 gr*
PT02	*PS 1/4"*	*31*	*25.00*	*18.00*	*57.00 gr*
PT03	*PS 3/8"*	*40*	*31.00*	*21.00*	*86.00 gr*

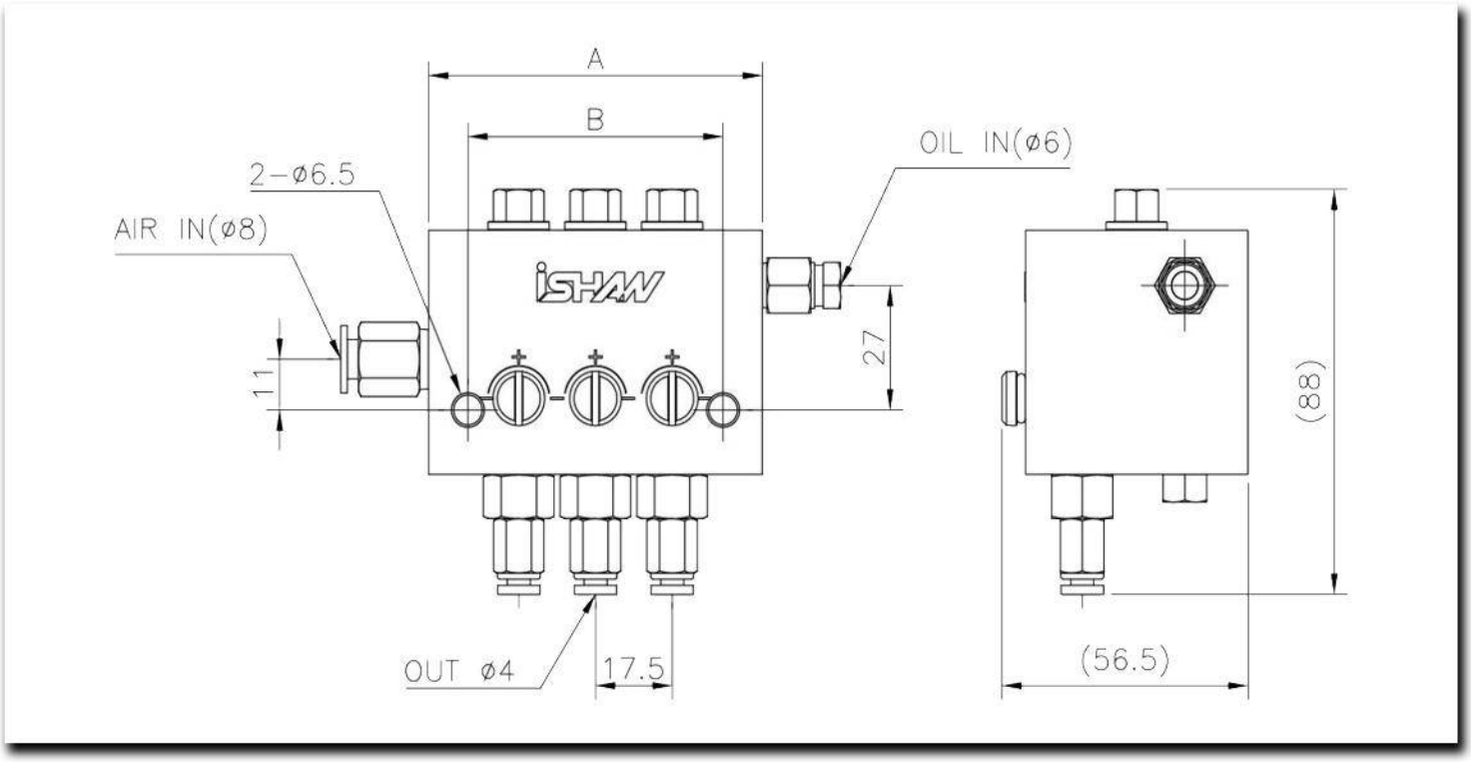
**** The lenght of the hose should be determinded by customer.*
***** All dimensions are given in millimeters.*

ISH SD SERIES
SM SD SERIES

AIR + OIL
SPRAY MIXER

ISH SD-1
SM SD-1

SPRAY OIL+AIR MIXER


A
B
2−ø6.5
AIR IN(ø8)
OIL IN(ø6)
11
27
(88)
OUT ø4
17.5
(56.5)

Characteristics & Dimensions

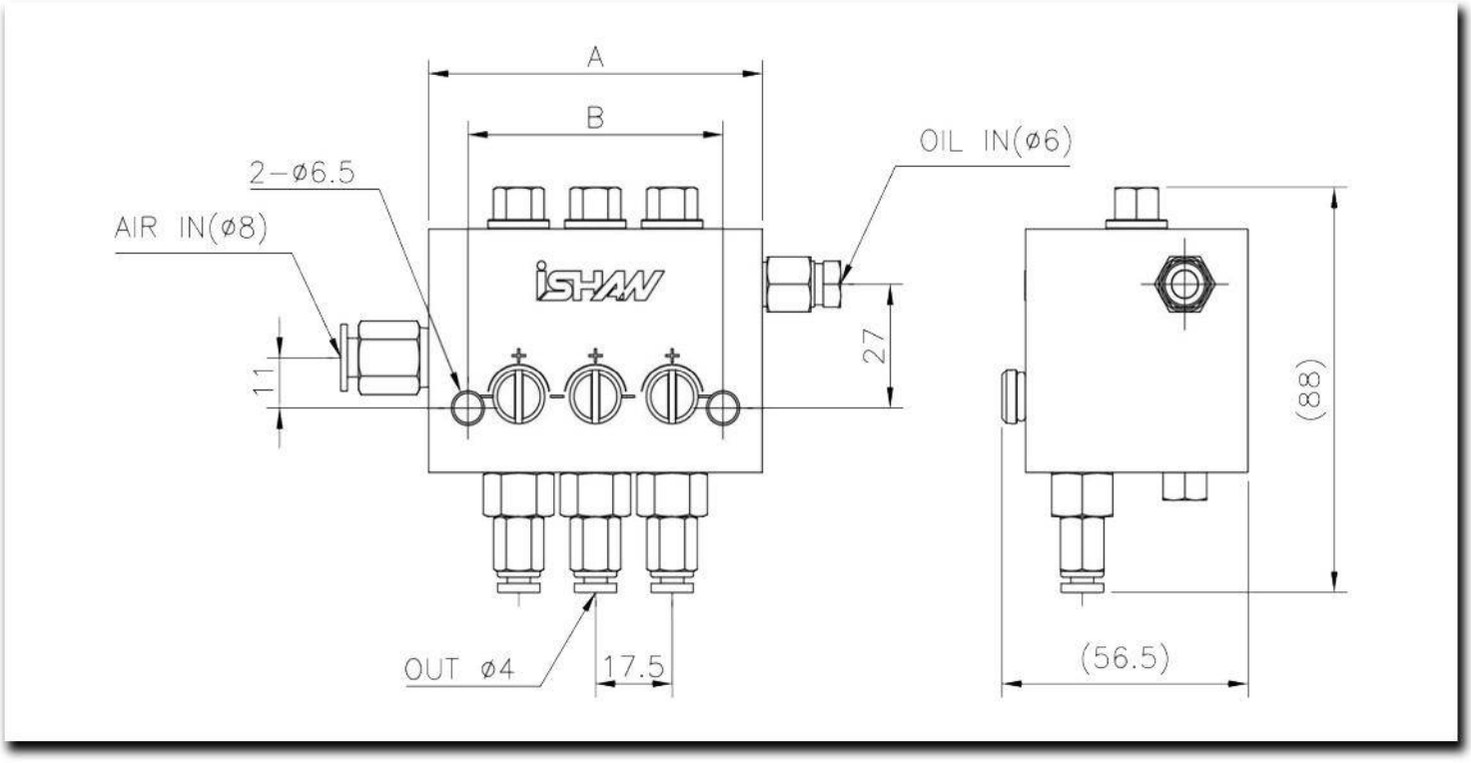
DE SERIES

MODEL	NUMBER OF OUTLETS	A	B	METERED VOLUME (c.c./stroke)
SD-1	1	41.20	23.20	0.10 0.16 0.20 0.30
SD-2	2	58.70	40.70	
SD-3	3	76.20	58.20	
SD-4	4	93.70	75.70	
SD-5	5	111.20	93.20	

*** Meteret volume is determined by c.c./stroke.
**** All dimensions are given in millimeters.

ISH SD-2
SM SD-2

SPRAY OIL+AIR MIXER


A
B
2–ø6.5
AIR IN(ø8)
OIL IN(ø6)
11
27
(88)
OUT ø4
17.5
(56.5)

Characteristics & Dimensions

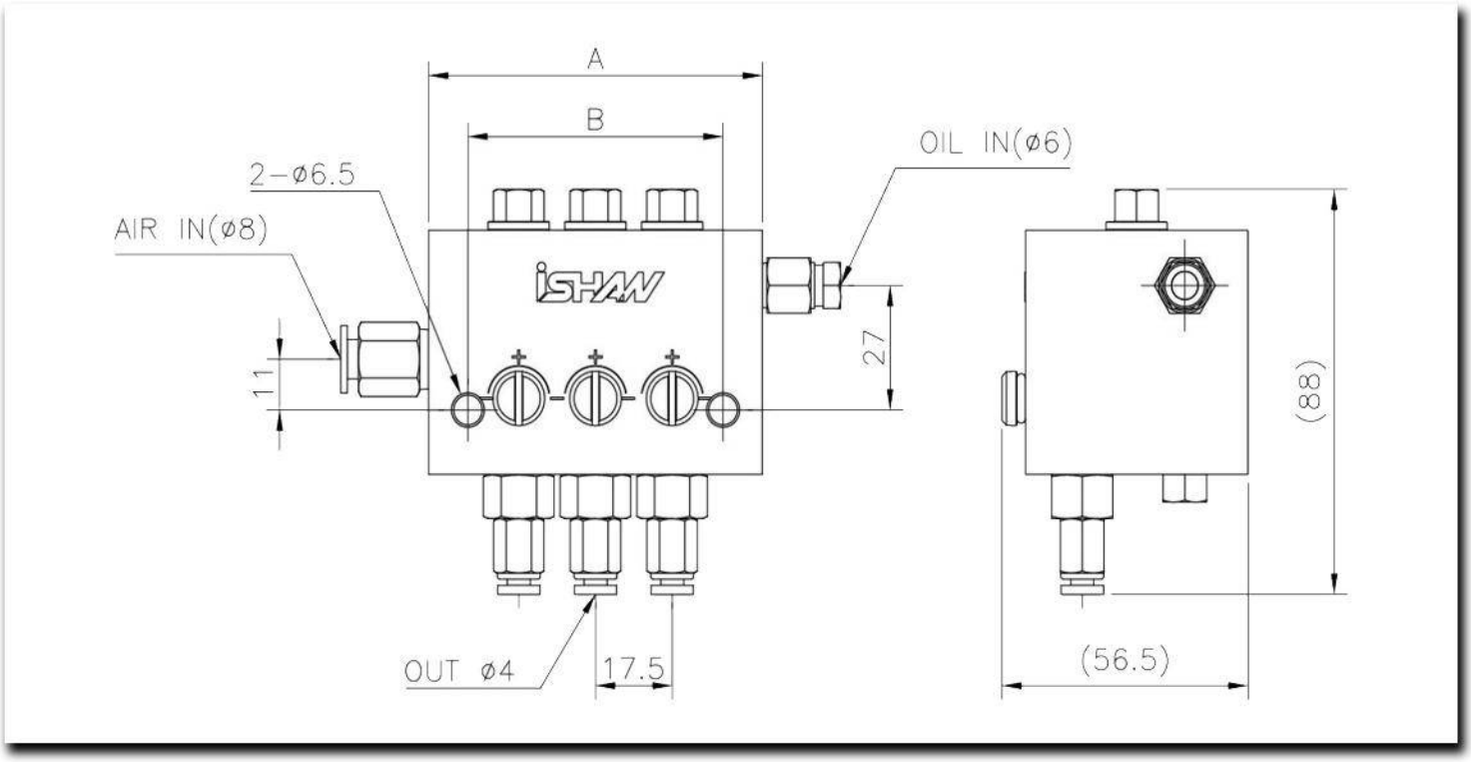
DE SERIES

MODEL	NUMBER OF OUTLETS	A	B	METERED VOLUME (c.c./stroke)
SD-1	1	41.20	23.20	0.10 0.16 0.20 0.30
SD-2	2	58.70	40.70	
SD-3	3	76.20	58.20	
SD-4	4	93.70	75.70	
SD-5	5	111.20	93.20	

*** Meteret volume is determined by c.c./stroke.
**** All dimensions are given in millimeters.

ISH SD-3
SM SD-3

SPRAY OIL+AIR MIXER


A
B
2−ø6.5
AIR IN(ø8)
OIL IN(ø6)
11
27
OUT ø4
17.5
(88)
(56.5)

Characteristics & Dimensions

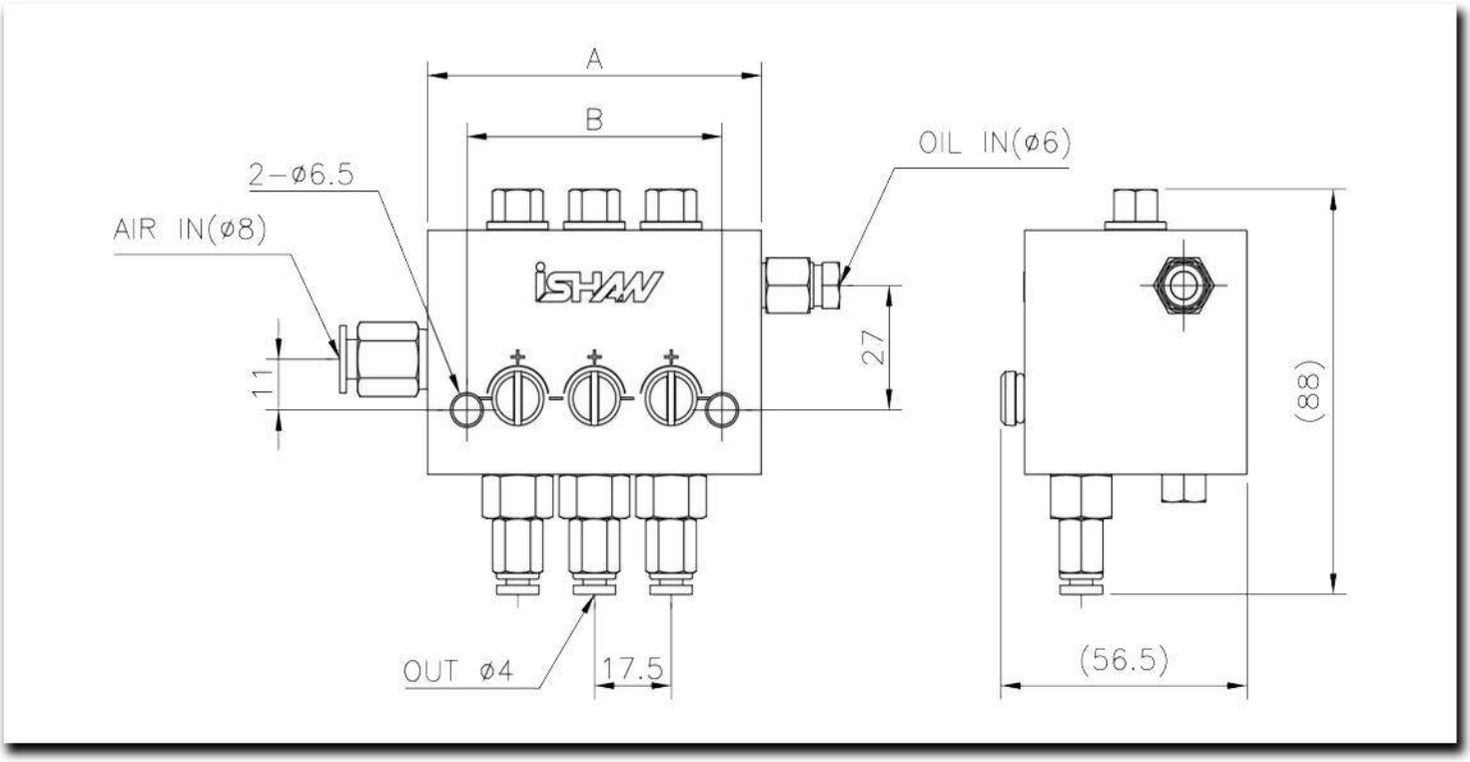
DE SERIES

MODEL	NUMBER OF OUTLETS	A	B	METERED VOLUME (c.c./stroke)
SD-1	1	41.20	23.20	0.10 0.16 0.20 0.30
SD-2	2	58.70	40.70	
SD-3	3	76.20	58.20	
SD-4	4	93.70	75.70	
SD-5	5	111.20	93.20	

*** Meteret volume is determined by c.c./stroke.
**** All dimensions are given in millimeters.

ISH SD-4
SM SD-4

SPRAY OIL+AIR MIXER


A
B
2−ø6.5
AIR IN(ø8)
OIL IN(ø6)
11
27
OUT ø4
17.5
(88)
(56.5)

Characteristics & Dimensions

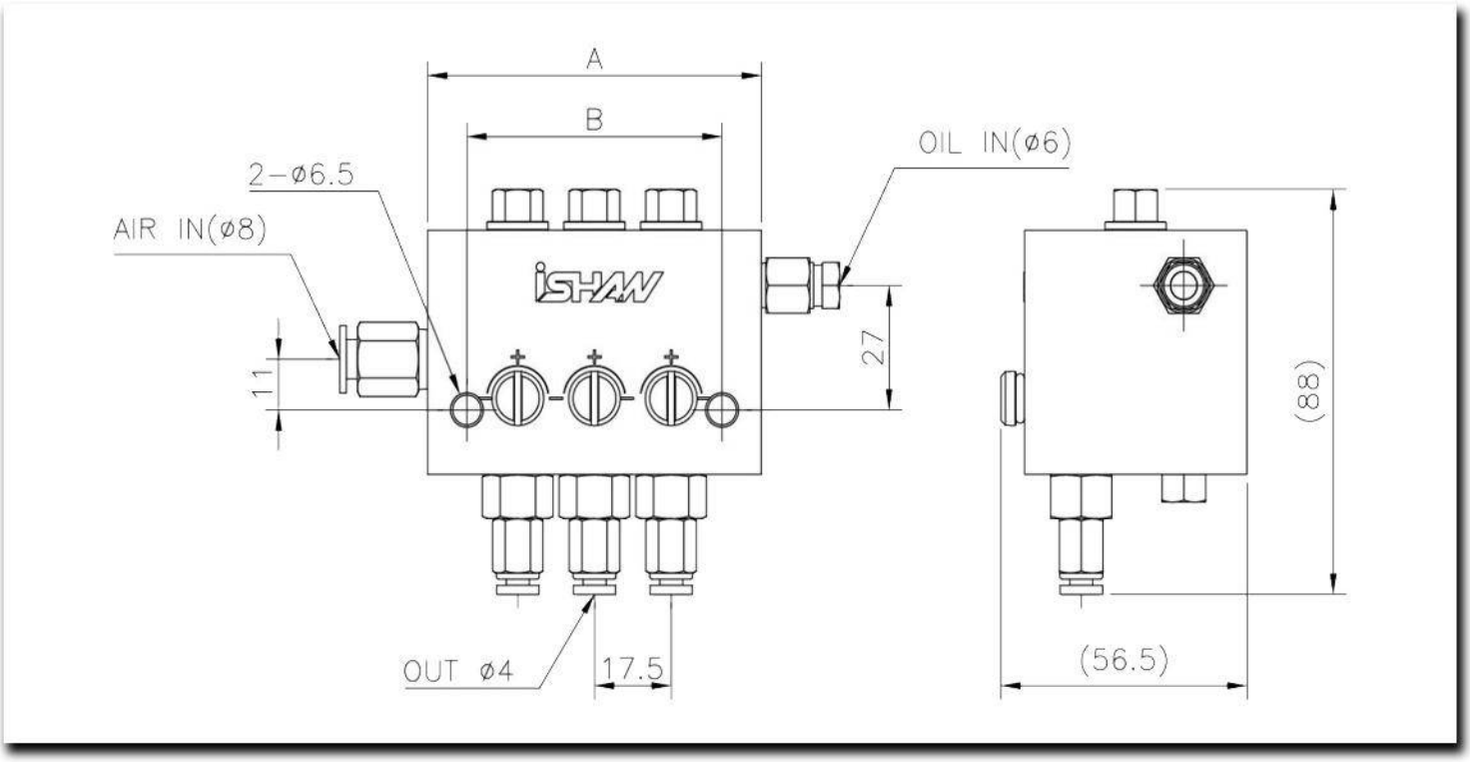
DE SERIES

MODEL	NUMBER OF OUTLETS	A	B	METERED VOLUME (c.c./stroke)
SD-1	1	41.20	23.20	0.10 0.16 0.20 0.30
SD-2	2	58.70	40.70	
SD-3	3	76.20	58.20	
SD-4	4	93.70	75.70	
SD-5	5	111.20	93.20	

*** Meteret volume is determined by c.c./stroke.
**** All dimensions are given in millimeters.

ISH SD-5
SM SD-5

SPRAY OIL+AIR MIXER


A
B
2−ø6.5
AIR IN(ø8)
OIL IN(ø6)
11
27
(88)
OUT ø4
17.5
(56.5)

Characteristics & Dimensions

DE SERIES

MODEL	NUMBER OF OUTLETS	A	B	METERED VOLUME (c.c./stroke)
SD-1	1	41.20	23.20	0.10 0.16 0.20 0.30
SD-2	2	58.70	40.70	
SD-3	3	76.20	58.20	
SD-4	4	93.70	75.70	
SD-5	5	111.20	93.20	

*** Meteret volume is determined by c.c./stroke.
**** All dimensions are given in millimeters.

ISH SSVPG SERIES
SM SSVPG SERIES

VERTICAL STAINLESS STEEL PRESSURE GAUGE

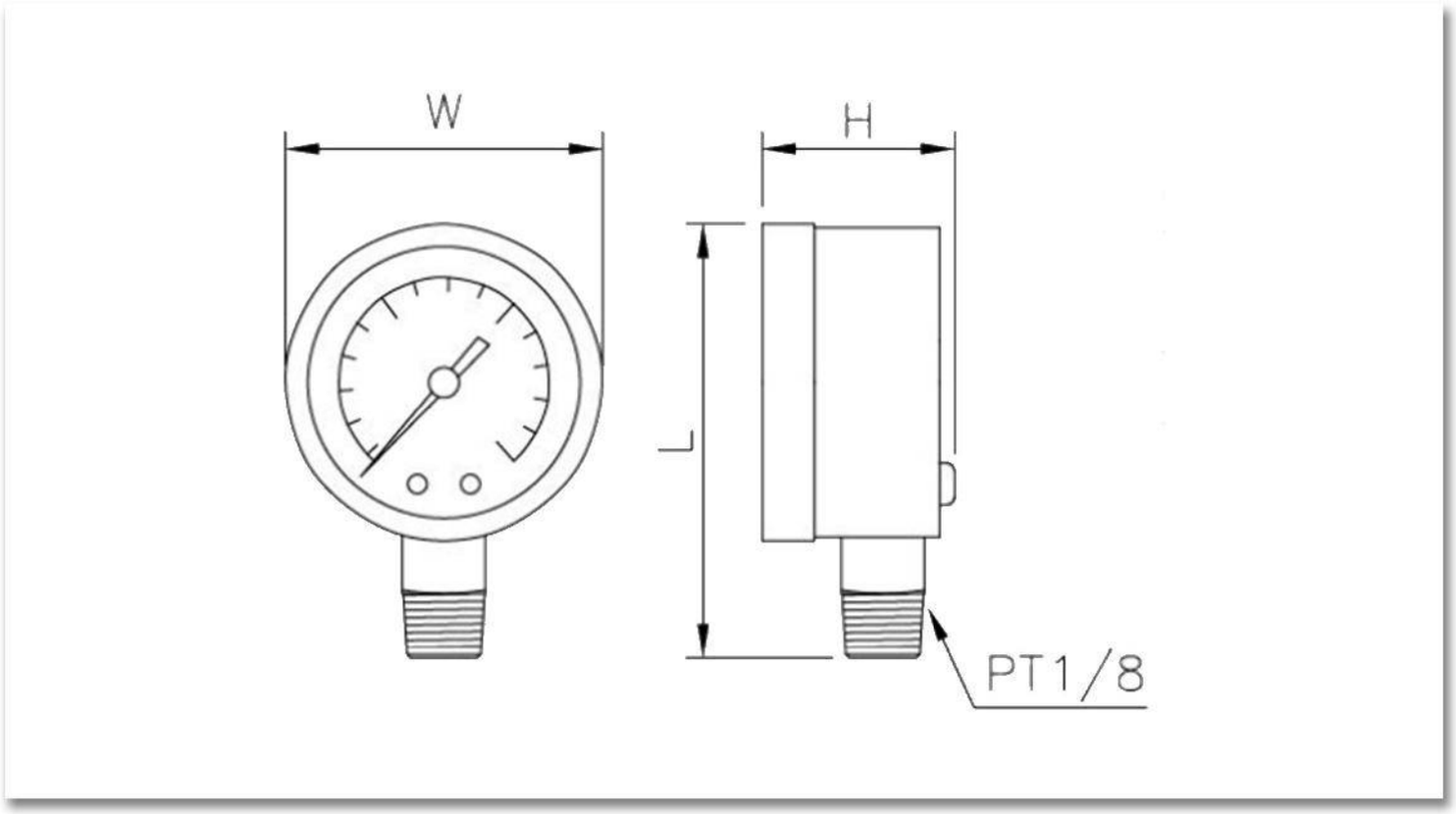
ISH SSVPG
SM SSVPG

STAINLESS STEEL VERTICAL PRESSURE GAUGE

Characteristics & Dimensions

MODEL	DIAL SPECIFICATIONS	W	L	H	WEIGHT (g)
327207	*15*	*42.00*	*38.00*	*24.00*	*53.00*
327610	*35*	*42.00*	*38.00*	*24.00*	*53.00*

**** Dial Specification measures are given in Kgf/cm²/Mpa.*
***** All dimensions are given in millimeters.*

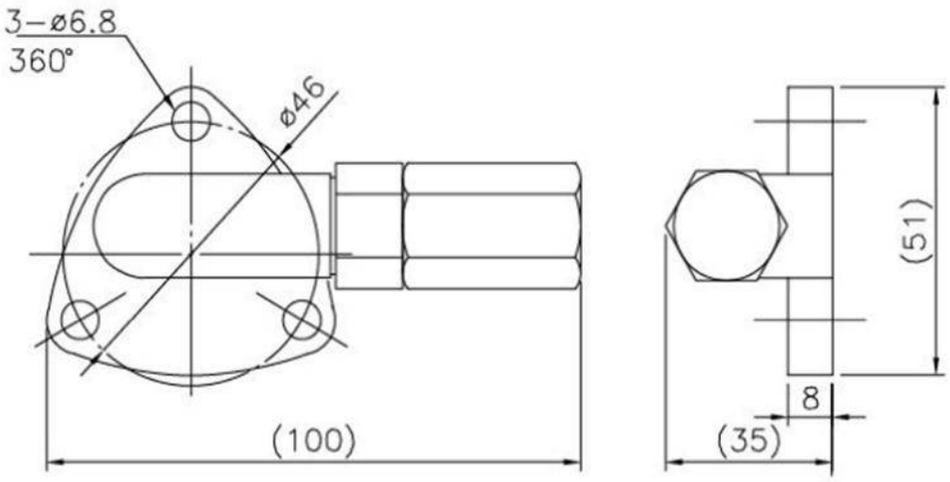

W
H
L
PT1/8

ISH TAV SERIES
SM TAV SERIES

UPPER ADJUSTMENT VALVE

ISH TAV
SM TAV

TOP ADJUSTABLE VALVE



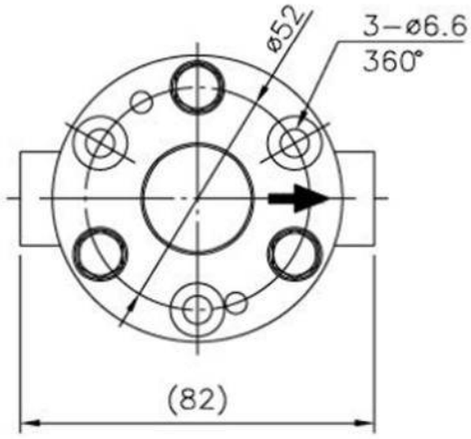
a) The structure is simple and easily adjusted.
b) It cooperates with TOP feed pump to adjust the pressure of pipes.
c) Pressure Adjustment Range: *0.2-0.SPMPa (kgf / cm²).*

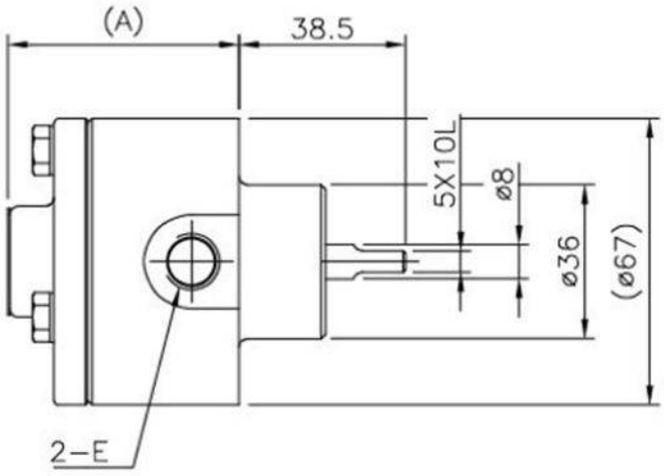
ISH TOP SERIES
SM TOP SERIES

TOP OIL FEEDING PUMP

ISH TOP-11A
SM TOP-11A

TOP OIL
FEEDING PUMP


ø52
3–ø6.6
360°
(82)


(A)
38.5
5X10L
ø8
ø36
(ø67)
2–E

Characteristics & Dimensions

ISH TOP SERIES

MODEL	OUTPUT VOLUME	OUTPUT VOLUME		MAXIMUM OUTPUT PRESSURE	MAXIMUM SPEED	WEIGHT (Gr.)
		1,500 r.p.m	*1,800 r.p.m.*			
TOP-11A	1.50	2.20	2.70	0.50 (5.00)	2,000	0.55
TOP-12A	2.50	3.70	4.50	0.50 (5.00)	1,800	0.60
TOP-13A	3.50	5.20	6.30	0.50 (5.00)	1,800	0.80

MODEL	A	B	C	D	(E) BORE
TOP-11A	49.00	11.00	8	68	PT 1/8" / PT 1/4"
TOP-12A	56.00	11.00	8	76	PT 1/4"
TOP-13	62.00	14.00	5	82	PT 3/8"

** *Flow Rate & Speed is given in r.p.m..*
*** *Metered volume is determinde by c.c./stroke.*
**** *Maximum Output Pressure is determined in Mpa (Kgf/cm²).*
***** *All dimensions are given in millimeters.*

ISH TOP-12A
SM TOP-12A

TOP OIL
FEEDING PUMP

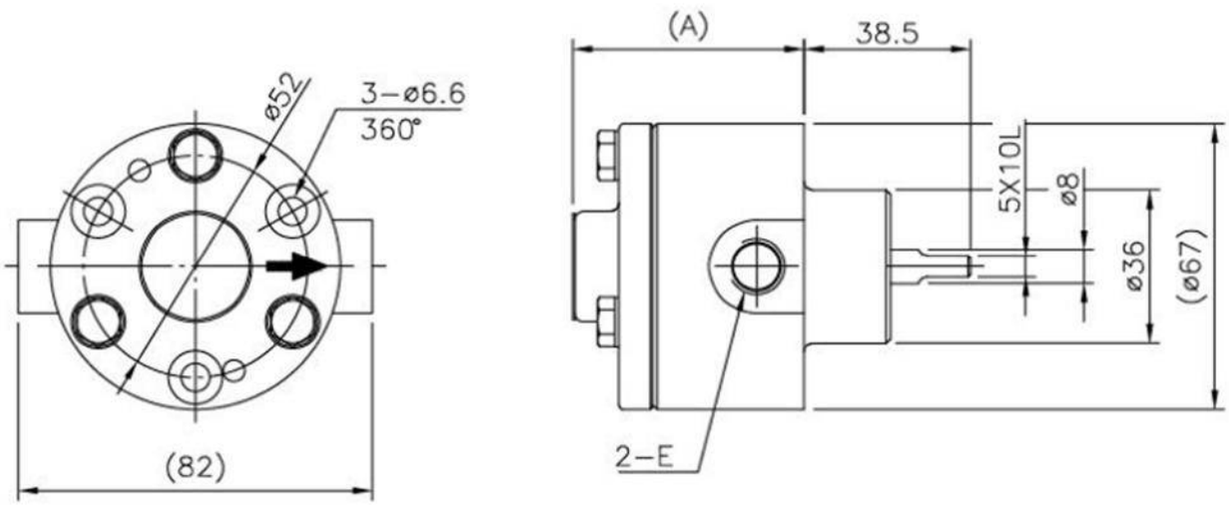
Characteristics & Dimensions

ISH TOP SERIES

MODEL	OUTPUT VOLUME	OUTPUT VOLUME		MAXIMUM OUTPUT PRESSURE	MAXIMUM SPEED	WEIGHT (Gr.)
		1,500 r.p.m	*1,800 r.p.m.*			
TOP-11A	1.50	2.20	2.70	0.50 (5.00)	2,000	0.55
TOP-12A	2.50	3.70	4.50	0.50 (5.00)	1,800	0.60
TOP-13A	3.50	5.20	6.30	0.50 (5.00)	1,800	0.80

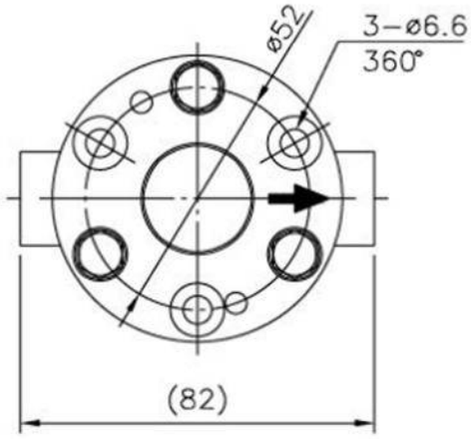
MODEL	A	B	C	D	(E) BORE
TOP-11A	49.00	11.00	8	68	PT 1/8" / PT 1/4"
TOP-12A	56.00	11.00	8	76	PT 1/4"
TOP-13	62.00	14.00	5	82	PT 3/8"

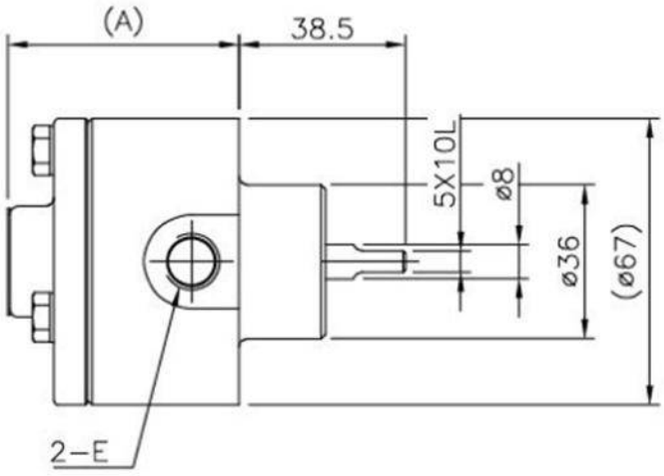
*** Flow Rate & Speed is given in r.p.m..*
**** Metered volume is determinde by c.c./stroke.*
***** Maximum Output Pressure is determined in Mpa (Kgf/cm²).*
****** All dimensions are given in millimeters.*


ø52
3–ø6.6
360°
(82)
(A)
38.5
5X10L
ø8
ø36
(ø67)
2–E

ISH TOP-13A
SM TOP-13A

TOP OIL
FEEDING PUMP


ø52
3–ø6.6
360°
(82)


(A)
38.5
5X10L
ø8
ø36
(ø67)
2–E

Characteristics & Dimensions

ISH TOP SERIES

MODEL	OUTPUT VOLUME	OUTPUT VOLUME		MAXIMUM OUTPUT PRESSURE	MAXIMUM SPEED	WEIGHT (Gr.)
		1,500 r.p.m	*1,800 r.p.m.*			
TOP-11A	1.50	2.20	2.70	0.50 (5.00)	2,000	0.55
TOP-12A	2.50	3.70	4.50	0.50 (5.00)	1,800	0.60
TOP-13A	3.50	5.20	6.30	0.50 (5.00)	1,800	0.80

MODEL	A	B	C	D	(E) BORE
TOP-11A	49.00	11.00	8	68	PT 1/8" / PT 1/4"
TOP-12A	56.00	11.00	8	76	PT 1/4"
TOP-13	62.00	14.00	5	82	PT 3/8"

*** Flow Rate & Speed is given in r.p.m..*
**** Metered volume is determinde by c.c./stroke.*
***** Maximum Output Pressure is determined in Mpa (Kgf/cm²).*
****** All dimensions are given in millimeters.*

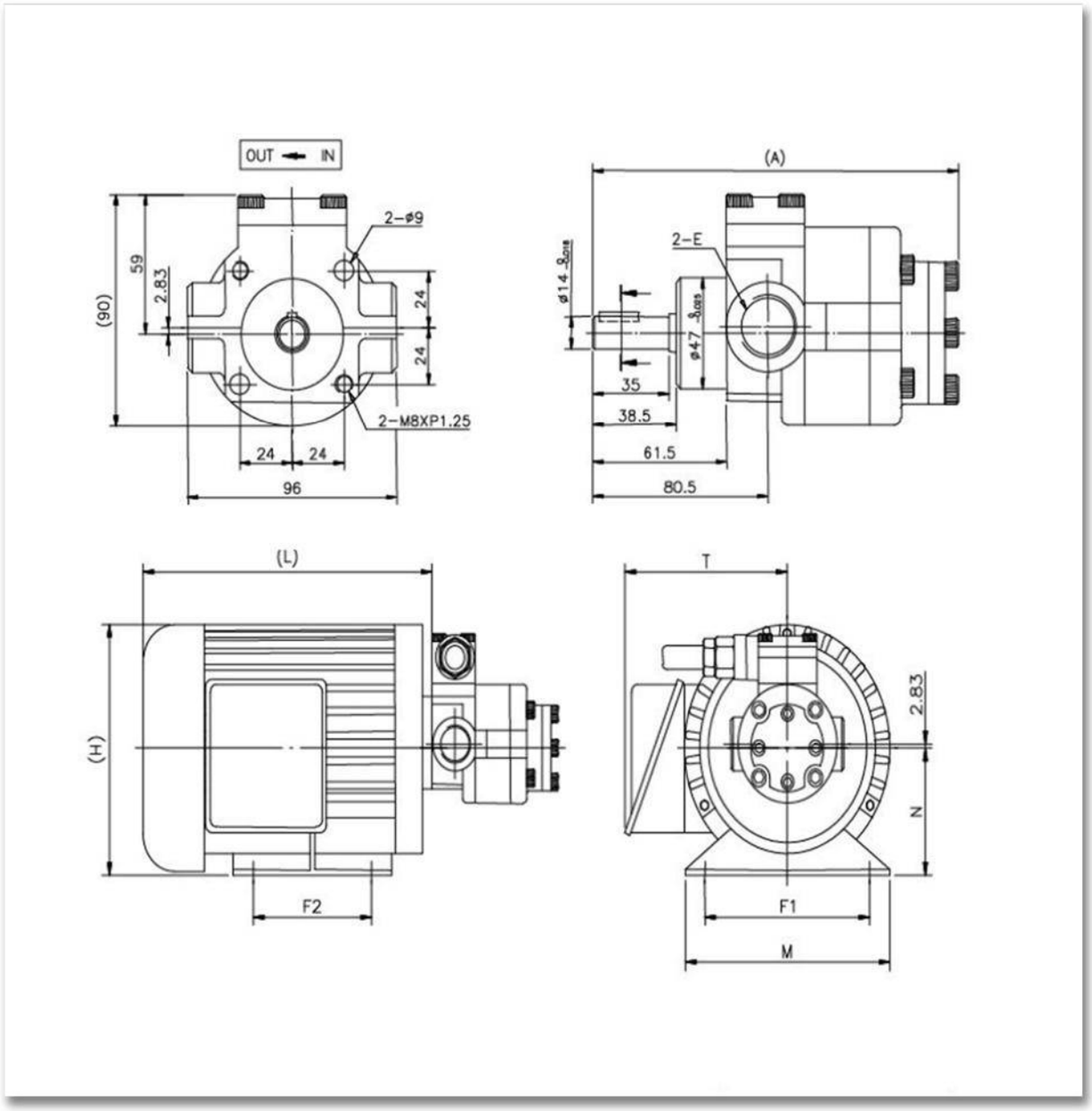
ISH VOP SERIES
SM VOP SERIES

TOP OIL FEED PUMP

ISH VOP-204
SM VOP-204

VOP OIL FEEDING PUMP

a) The structure of the valve is simple and easy to adjust.
b) It works together with TOP type feed pumps to regulate the pressure of the pipes.
c) The pressure adjustment range is: 0.20 ~ 0.50 MPa(Kgf/cm²)


OUT
IN
2-ø9
59
2.83
(90)
24
24
2-M8XP1.25
24
24
96
(A)
2-E
ø14
ø47
35
38.5
61.5
80.5
(L)
(H)
F2
T
2.83
N
F1
M

Characteristics & Dimensions

ISH VOP SERIES

MODEL	FLOW RATE			MAXIMUM OUTPUT PRESSURE	MAXIMUM SPEED	A	E	WEIGHT (Gr.)
	c.c./rev	1/1500	1/1800					
VOP-204	4.00	6.00	7.20	2.50 (25.00)	1,800	148.00	PT 1/2"	3.70
VOP-206	6.00	9.00	10.80	2.50 (25.00)	1,800	153.00	PT 1/2"	4.00
VOP-208	8.00	12.00	14.40	2.50 (25.00)	1,800	158.00	PT 1/2"	4.20
VOP-210	10.00	15.00	18.00	2.50 (25.00)	1,800	160.00	PT 3/4"	4.30
VOP-212	12.00	18.00	21.60	2.50 (25.00)	1,800	168.00	PT 3/4"	4.50
VOP-216	16.00	24.00	28.80	2.50 (25.00)	1,500	-	PT 3/4"	4.80
VOP-220	20.00	30.00	36.00	2.50 (25.00)	1,500	-	PT 3/4"	5.30

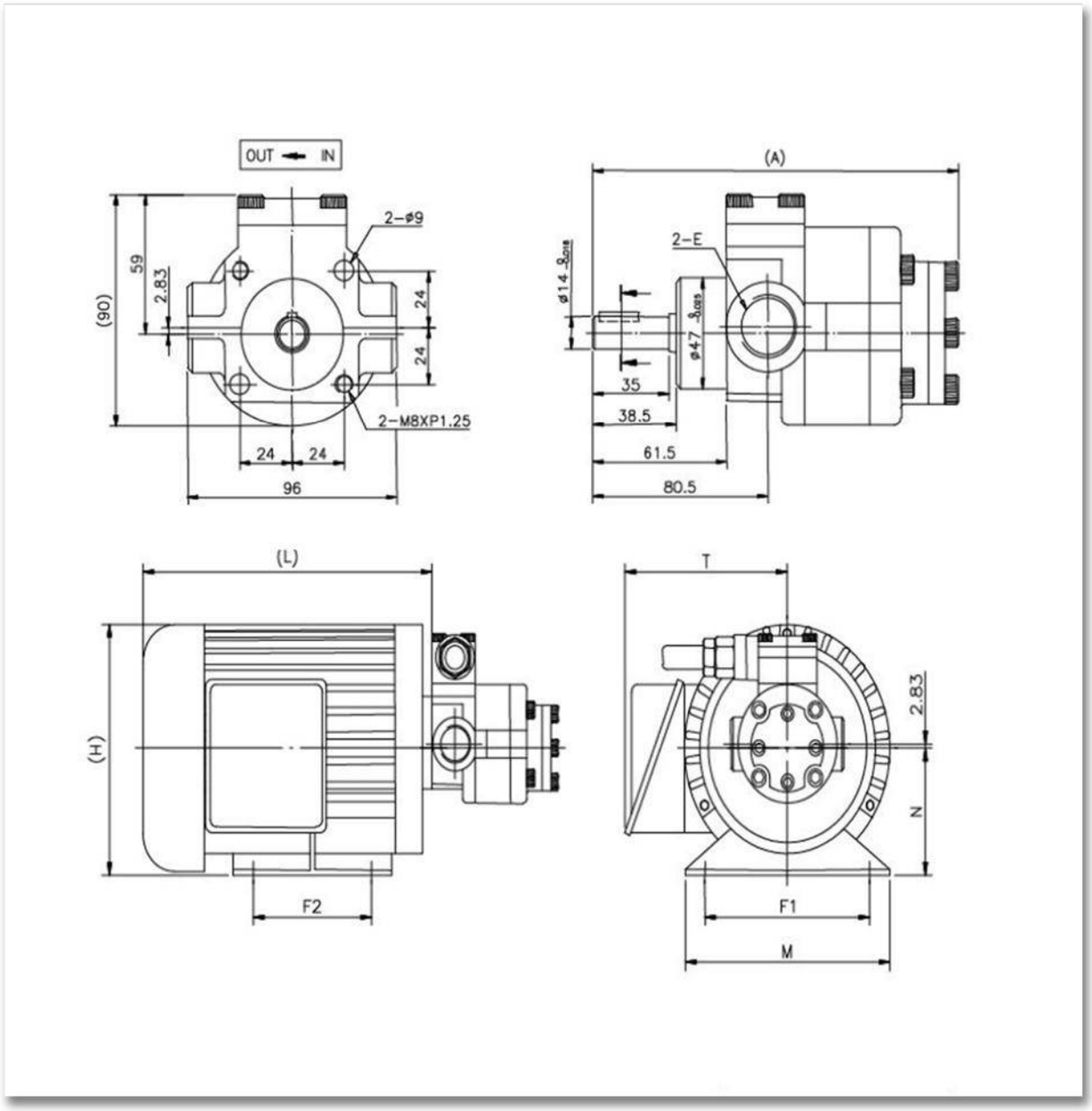
MOTOR OUTPUT	L	H	F2	F1	M	N	T
1/2 HP	246.00	168.00	100	125	158.00	80	138.00
1 HP	261.00	168.00	100	125	158.00	80	138.00
2 HP	285.00	188.00	125	140	174.00	90	152.00

*** Flow Rate & Speed is given in r.p.m..*
**** Metered volume is determinde by c.c./stroke.*
***** Maximum Output Pressure is determined in Mpa (Kgf/cm²).*
****** All dimensions are given in millimeters.*

ISH VOP-206
SM VOP-206

VOP OIL FEEDING PUMP

a) The structure of the valve is simple and easy to adjust.
b) It works together with TOP type feed pumps to regulate the pressure of the pipes.
c) The pressure adjustment range is: 0.20 ~ 0.50 MPa(Kgf/cm²)


OUT
IN
2-ø9
59
2.83
(90)
24
24
2-M8XP1.25
24
24
96
(A)
2-E
ø14
ø47
35
38.5
61.5
80.5
(L)
(H)
F2
T
2.83
N
F1
M

Characteristics & Dimensions

ISH VOP SERIES

MODEL	FLOW RATE			MAXIMUM OUTPUT PRESSURE	MAXIMUM SPEED	A	E	WEIGHT (Gr.)
	c.c./rev	1/1500	1/1800					
VOP-204	4.00	6.00	7.20	2.50 (25.00)	1,800	148.00	PT 1/2"	3.70
VOP-206	6.00	9.00	10.80	2.50 (25.00)	1,800	153.00	PT 1/2"	4.00
VOP-208	8.00	12.00	14.40	2.50 (25.00)	1,800	158.00	PT 1/2"	4.20
VOP-210	10.00	15.00	18.00	2.50 (25.00)	1,800	160.00	PT 3/4"	4.30
VOP-212	12.00	18.00	21.60	2.50 (25.00)	1,800	168.00	PT 3/4"	4.50
VOP-216	16.00	24.00	28.80	2.50 (25.00)	1,500	-	PT 3/4"	4.80
VOP-220	20.00	30.00	36.00	2.50 (25.00)	1,500	-	PT 3/4"	5.30

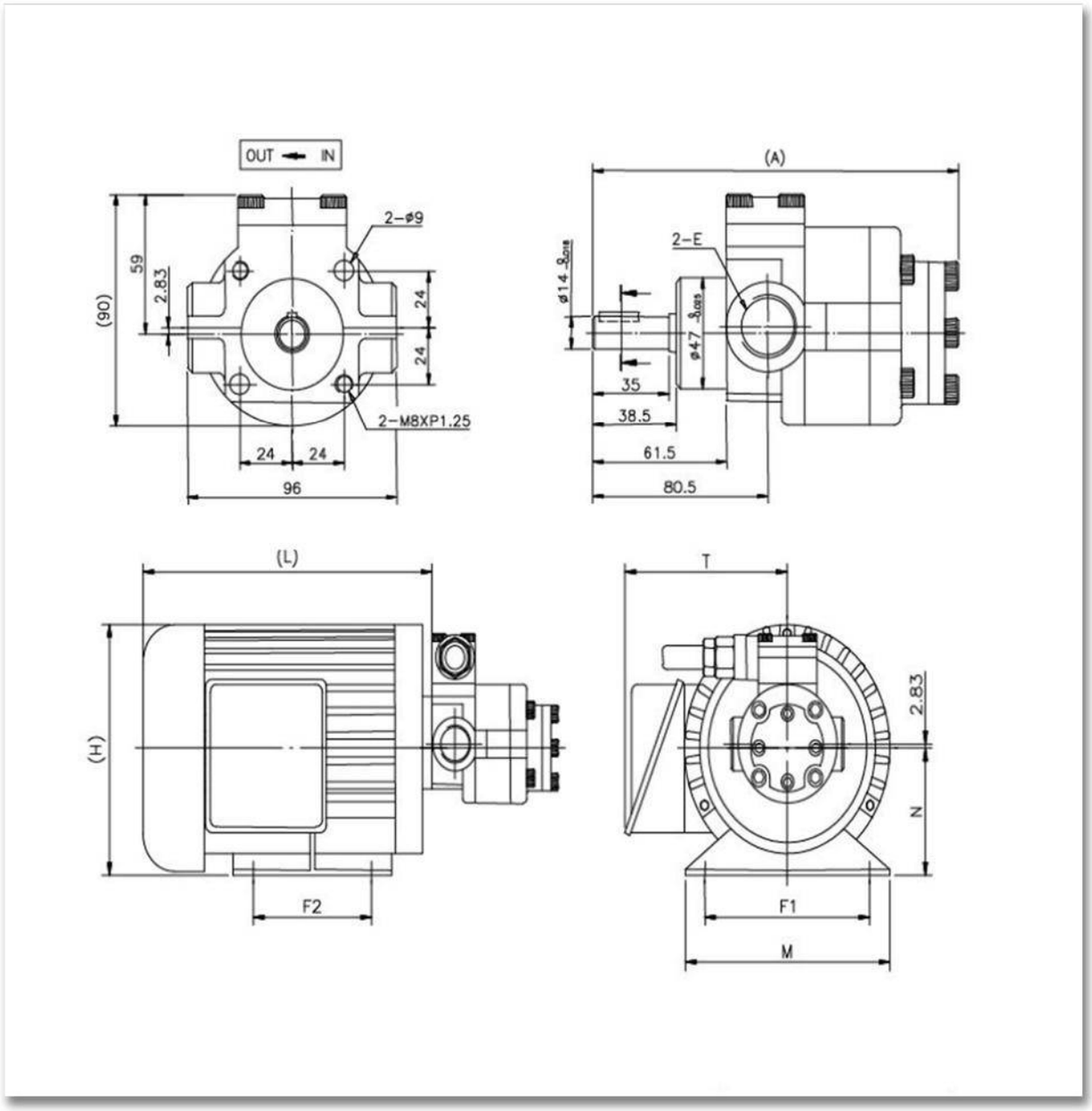
MOTOR OUTPUT	L	H	F2	F1	M	N	T
1/2 HP	246.00	168.00	100	125	158.00	80	138.00
1 HP	261.00	168.00	100	125	158.00	80	138.00
2 HP	285.00	188.00	125	140	174.00	90	152.00

*** Flow Rate & Speed is given in r.p.m..*
**** Metered volume is determinde by c.c./stroke.*
***** Maximum Output Pressure is determined in Mpa (Kgf/cm²).*
****** All dimensions are given in millimeters.*

ISH VOP-208
SM VOP-208

VOP OIL FEEDING PUMP

a) The structure of the valve is simple and easy to adjust.
b) It works together with TOP type feed pumps to regulate the pressure of the pipes.
c) The pressure adjustment range is: 0.20 ~ 0.50 MPa(Kgf/cm²)


OUT
IN
2-ø9
59
2.83
(90)
24
24
2-M8XP1.25
24
24
96
(A)
2-E
ø14
ø47
35
38.5
61.5
80.5
(L)
(H)
F2
T
2.83
N
F1
M

Characteristics & Dimensions

ISH VOP SERIES

MODEL	FLOW RATE			MAXIMUM OUTPUT PRESSURE	MAXIMUM SPEED	A	E	WEIGHT (Gr.)
	c.c./rev	1/1500	1/1800					
VOP-204	4.00	6.00	7.20	2.50 (25.00)	1,800	148.00	PT 1/2"	3.70
VOP-206	6.00	9.00	10.80	2.50 (25.00)	1,800	153.00	PT 1/2"	4.00
VOP-208	8.00	12.00	14.40	2.50 (25.00)	1,800	158.00	PT 1/2"	4.20
VOP-210	10.00	15.00	18.00	2.50 (25.00)	1,800	160.00	PT 3/4"	4.30
VOP-212	12.00	18.00	21.60	2.50 (25.00)	1,800	168.00	PT 3/4"	4.50
VOP-216	16.00	24.00	28.80	2.50 (25.00)	1,500	-	PT 3/4"	4.80
VOP-220	20.00	30.00	36.00	2.50 (25.00)	1,500	-	PT 3/4"	5.30

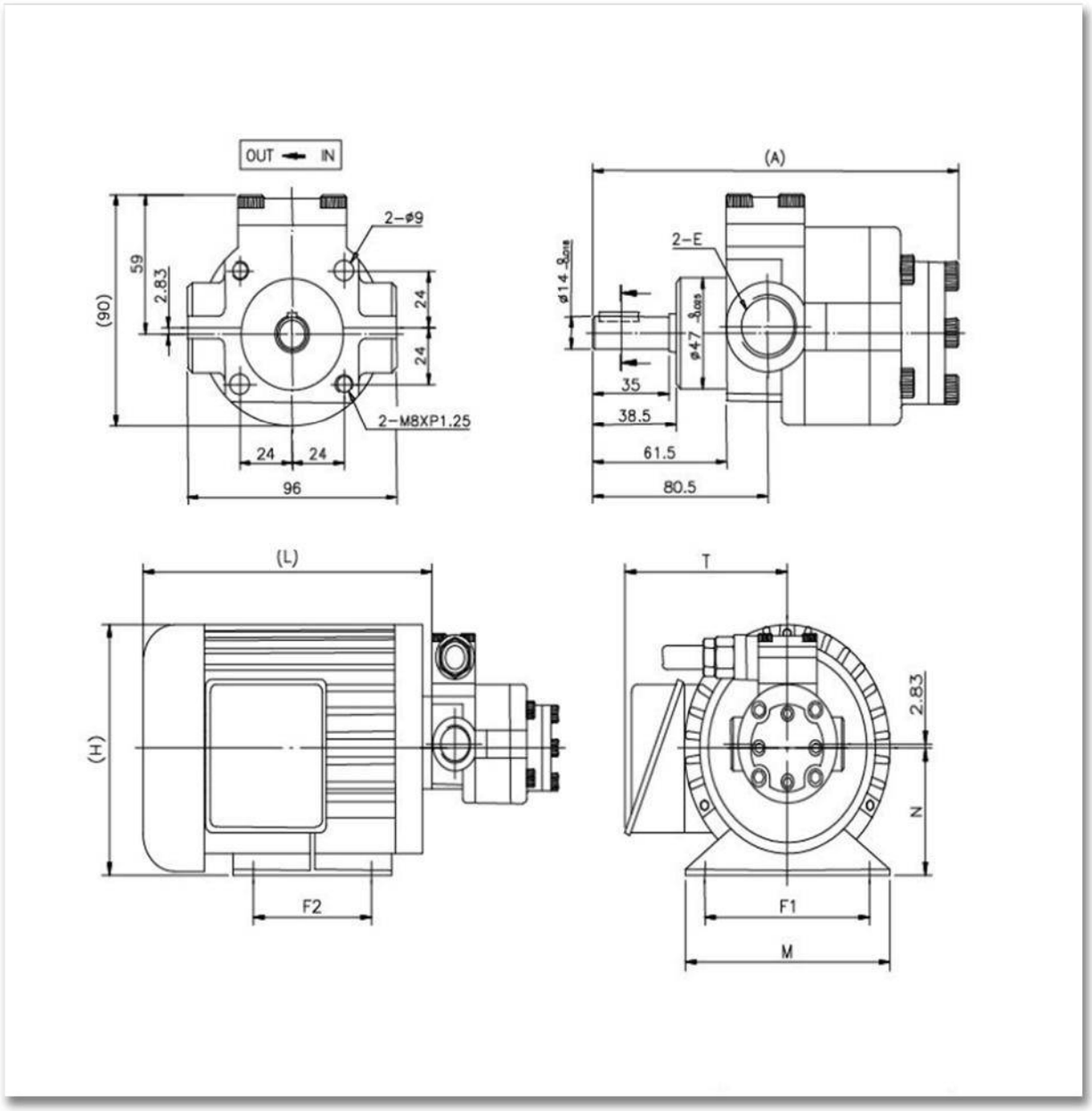
MOTOR OUTPUT	L	H	F2	F1	M	N	T
1/2 HP	246.00	168.00	100	125	158.00	80	138.00
1 HP	261.00	168.00	100	125	158.00	80	138.00
2 HP	285.00	188.00	125	140	174.00	90	152.00

*** Flow Rate & Speed is given in r.p.m..*
**** Metered volume is determinde by c.c./stroke.*
***** Maximum Output Pressure is determined in Mpa (Kgf/cm²).*
****** All dimensions are given in millimeters.*

ISH VOP-210
SM VOP-210

VOP OIL FEEDING PUMP

a) The structure of the valve is simple and easy to adjust.
b) It works together with TOP type feed pumps to regulate the pressure of the pipes.
c) The pressure adjustment range is: 0.20 ~ 0.50 MPa(Kgf/cm²)


OUT
IN
2-ø9
59
2.83
(90)
24
24
2-M8XP1.25
24
24
96
(A)
2-E
ø14
ø47
35
38.5
61.5
80.5
(L)
(H)
F2
T
2.83
N
F1
M

Characteristics & Dimensions

ISH VOP SERIES

MODEL	FLOW RATE			MAXIMUM OUTPUT PRESSURE	MAXIMUM SPEED	A	E	WEIGHT (Gr.)
	c.c./rev	1/1500	1/1800					
VOP-204	4.00	6.00	7.20	2.50 (25.00)	1,800	148.00	PT 1/2"	3.70
VOP-206	6.00	9.00	10.80	2.50 (25.00)	1,800	153.00	PT 1/2"	4.00
VOP-208	8.00	12.00	14.40	2.50 (25.00)	1,800	158.00	PT 1/2"	4.20
VOP-210	10.00	15.00	18.00	2.50 (25.00)	1,800	160.00	PT 3/4"	4.30
VOP-212	12.00	18.00	21.60	2.50 (25.00)	1,800	168.00	PT 3/4"	4.50
VOP-216	16.00	24.00	28.80	2.50 (25.00)	1,500	-	PT 3/4"	4.80
VOP-220	20.00	30.00	36.00	2.50 (25.00)	1,500	-	PT 3/4"	5.30

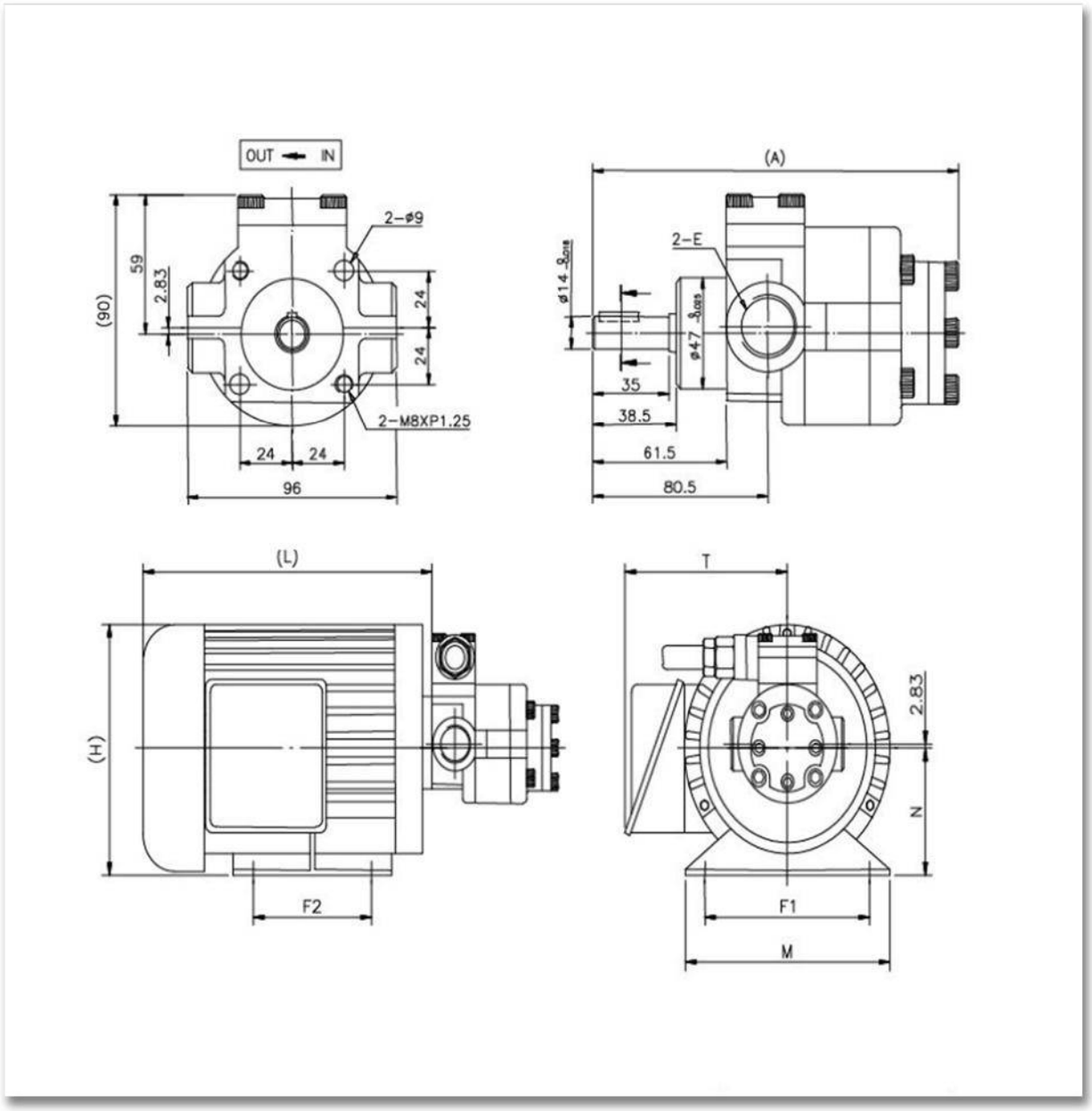
MOTOR OUTPUT	L	H	F2	F1	M	N	T
1/2 HP	246.00	168.00	100	125	158.00	80	138.00
1 HP	261.00	168.00	100	125	158.00	80	138.00
2 HP	285.00	188.00	125	140	174.00	90	152.00

*** Flow Rate & Speed is given in r.p.m..*
**** Metered volume is determinde by c.c./stroke.*
***** Maximum Output Pressure is determined in Mpa (Kgf/cm²).*
****** All dimensions are given in millimeters.*

ISH VOP-212
SM VOP-212

VOP OIL FEEDING PUMP

a) The structure of the valve is simple and easy to adjust.
b) It works together with TOP type feed pumps to regulate the pressure of the pipes.
c) The pressure adjustment range is: 0.20 ~ 0.50 MPa(Kgf/cm²)


OUT
IN
2-ø9
59
2.83
(90)
24
24
2-M8XP1.25
24
24
96
(A)
2-E
ø14
ø47
35
38.5
61.5
80.5
(L)
(H)
F2
T
2.83
N
F1
M

Characteristics & Dimensions

ISH VOP SERIES

MODEL	FLOW RATE			MAXIMUM OUTPUT PRESSURE	MAXIMUM SPEED	A	E	WEIGHT (Gr.)
	c.c./rev	1/1500	1/1800					
VOP-204	4.00	6.00	7.20	2.50 (25.00)	1,800	148.00	PT 1/2"	3.70
VOP-206	6.00	9.00	10.80	2.50 (25.00)	1,800	153.00	PT 1/2"	4.00
VOP-208	8.00	12.00	14.40	2.50 (25.00)	1,800	158.00	PT 1/2"	4.20
VOP-210	10.00	15.00	18.00	2.50 (25.00)	1,800	160.00	PT 3/4"	4.30
VOP-212	12.00	18.00	21.60	2.50 (25.00)	1,800	168.00	PT 3/4"	4.50
VOP-216	16.00	24.00	28.80	2.50 (25.00)	1,500	-	PT 3/4"	4.80
VOP-220	20.00	30.00	36.00	2.50 (25.00)	1,500	-	PT 3/4"	5.30

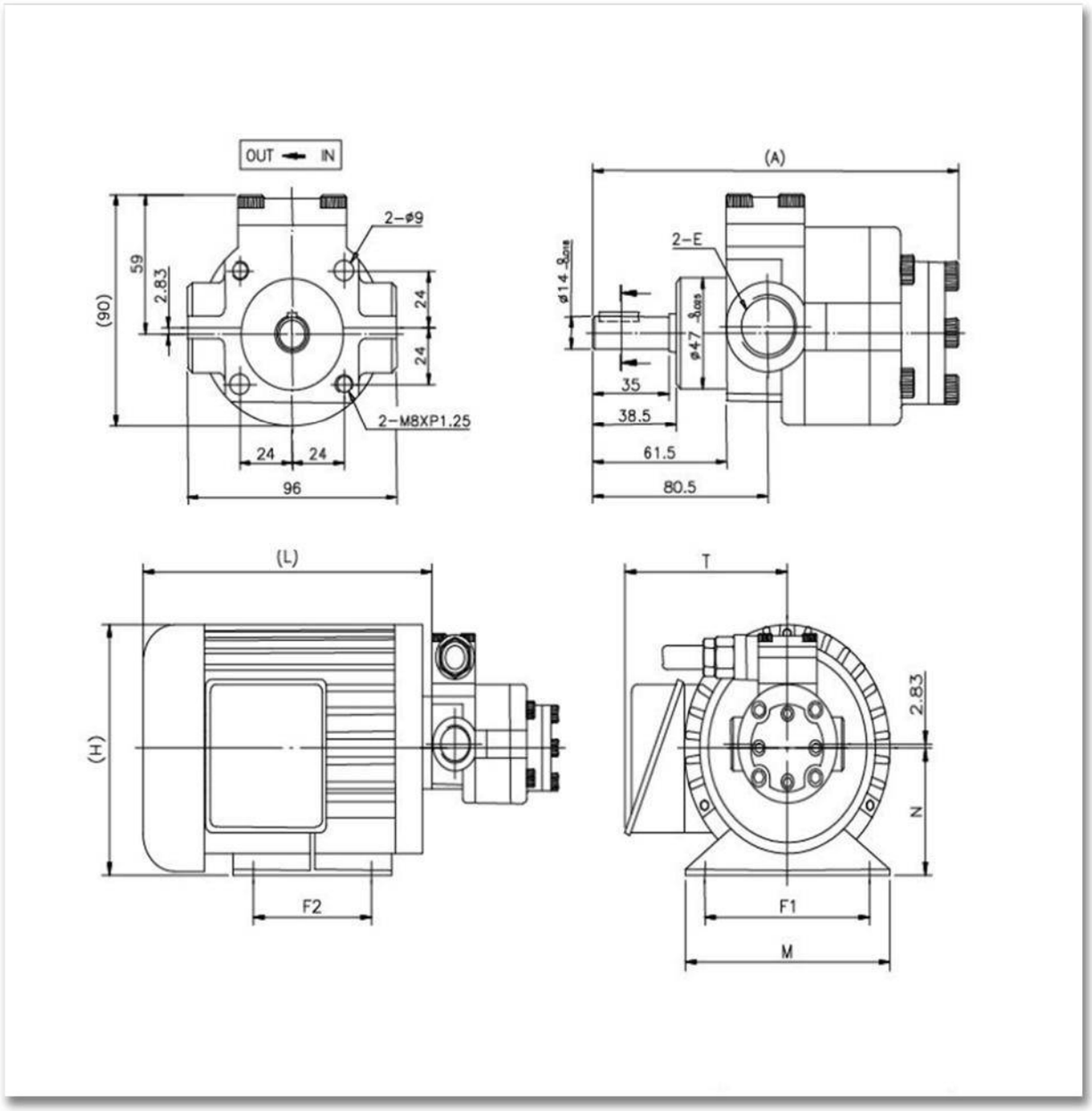
MOTOR OUTPUT	L	H	F2	F1	M	N	T
1/2 HP	246.00	168.00	100	125	158.00	80	138.00
1 HP	261.00	168.00	100	125	158.00	80	138.00
2 HP	285.00	188.00	125	140	174.00	90	152.00

*** Flow Rate & Speed is given in r.p.m..*
**** Metered volume is determinde by c.c./stroke.*
***** Maximum Output Pressure is determined in Mpa (Kgf/cm²).*
****** All dimensions are given in millimeters.*

ISH VOP-216
SM VOP-216

VOP OIL FEEDING PUMP

a) The structure of the valve is simple and easy to adjust.
b) It works together with TOP type feed pumps to regulate the pressure of the pipes.
c) The pressure adjustment range is: 0.20 ~ 0.50 MPa(Kgf/cm²)


OUT
IN
2-ø9
59
2.83
(90)
24
24
2-M8XP1.25
24
24
96
(A)
2-E
ø14
ø47
35
38.5
61.5
80.5
(L)
(H)
F2
T
2.83
N
F1
M

Characteristics & Dimensions

ISH VOP SERIES

MODEL	FLOW RATE			MAXIMUM OUTPUT PRESSURE	MAXIMUM SPEED	A	E	WEIGHT (Gr.)
	c.c./rev	1/1500	1/1800					
VOP-204	4.00	6.00	7.20	2.50 (25.00)	1,800	148.00	PT 1/2"	3.70
VOP-206	6.00	9.00	10.80	2.50 (25.00)	1,800	153.00	PT 1/2"	4.00
VOP-208	8.00	12.00	14.40	2.50 (25.00)	1,800	158.00	PT 1/2"	4.20
VOP-210	10.00	15.00	18.00	2.50 (25.00)	1,800	160.00	PT 3/4"	4.30
VOP-212	12.00	18.00	21.60	2.50 (25.00)	1,800	168.00	PT 3/4"	4.50
VOP-216	16.00	24.00	28.80	2.50 (25.00)	1,500	-	PT 3/4"	4.80
VOP-220	20.00	30.00	36.00	2.50 (25.00)	1,500	-	PT 3/4"	5.30

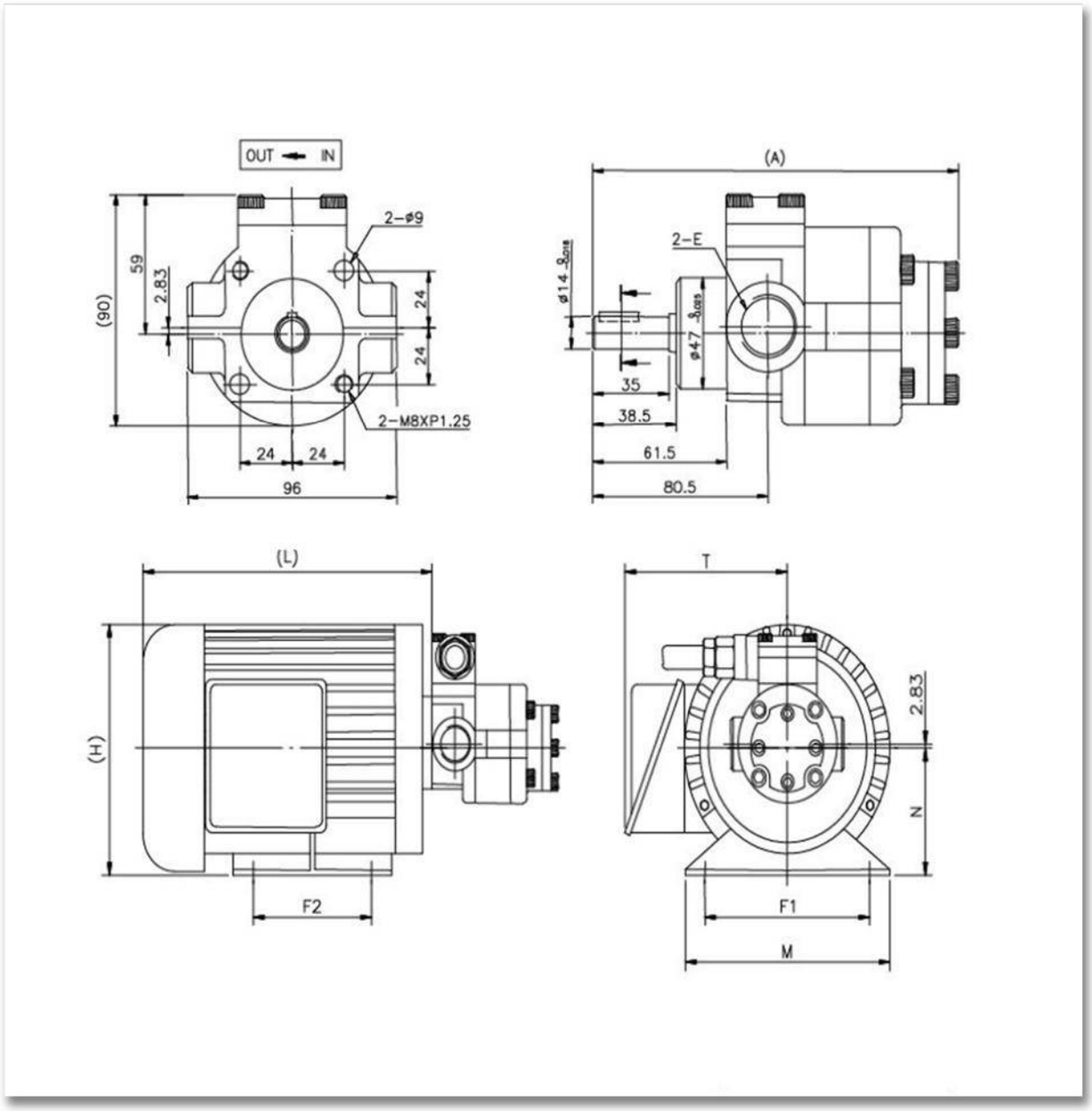
MOTOR OUTPUT	L	H	F2	F1	M	N	T
1/2 HP	246.00	168.00	100	125	158.00	80	138.00
1 HP	261.00	168.00	100	125	158.00	80	138.00
2 HP	285.00	188.00	125	140	174.00	90	152.00

*** Flow Rate & Speed is given in r.p.m..*
**** Metered volume is determinde by c.c./stroke.*
***** Maximum Output Pressure is determined in Mpa (Kgf/cm²).*
****** All dimensions are given in millimeters.*

ISH VOP-220
SM VOP-220

VOP OIL FEEDING PUMP

a) The structure of the valve is simple and easy to adjust.
b) It works together with TOP type feed pumps to regulate the pressure of the pipes.
c) The pressure adjustment range is: 0.20 ~ 0.50 MPa(Kgf/cm²)


OUT
IN
2-ø9
59
2.83
(90)
24
24
2-M8XP1.25
24
24
96
(A)
2-E
ø14
ø47
35
38.5
61.5
80.5
(L)
(H)
F2
T
2.83
N
F1
M

Characteristics & Dimensions

ISH VOP SERIES

MODEL	FLOW RATE			MAXIMUM OUTPUT PRESSURE	MAXIMUM SPEED	A	E	WEIGHT (Gr.)
	c.c./rev	1/1500	1/1800					
VOP-204	4.00	6.00	7.20	2.50 (25.00)	1,800	148.00	PT 1/2"	3.70
VOP-206	6.00	9.00	10.80	2.50 (25.00)	1,800	153.00	PT 1/2"	4.00
VOP-208	8.00	12.00	14.40	2.50 (25.00)	1,800	158.00	PT 1/2"	4.20
VOP-210	10.00	15.00	18.00	2.50 (25.00)	1,800	160.00	PT 3/4"	4.30
VOP-212	12.00	18.00	21.60	2.50 (25.00)	1,800	168.00	PT 3/4"	4.50
VOP-216	16.00	24.00	28.80	2.50 (25.00)	1,500	-	PT 3/4"	4.80
VOP-220	20.00	30.00	36.00	2.50 (25.00)	1,500	-	PT 3/4"	5.30

MOTOR OUTPUT	L	H	F2	F1	M	N	T
1/2 HP	246.00	168.00	100	125	158.00	80	138.00
1 HP	261.00	168.00	100	125	158.00	80	138.00
2 HP	285.00	188.00	125	140	174.00	90	152.00

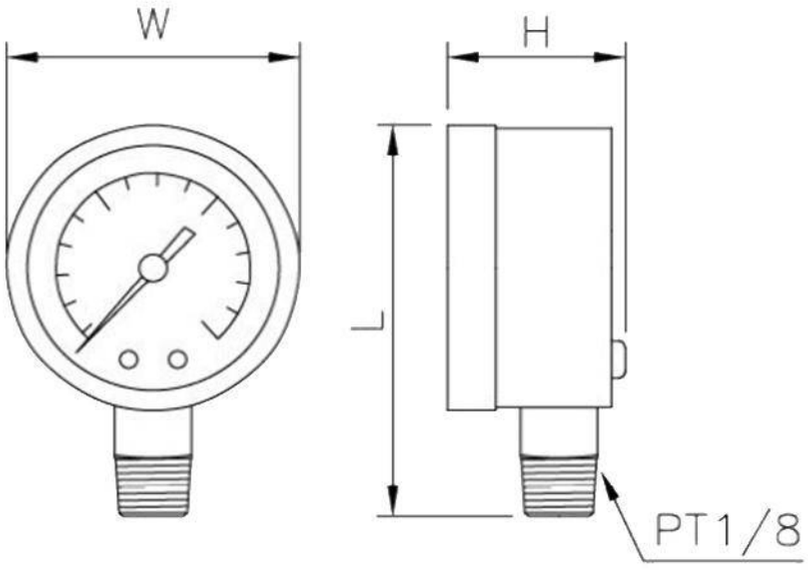
*** Flow Rate & Speed is given in r.p.m..*
**** Metered volume is determinde by c.c./stroke.*
***** Maximum Output Pressure is determined in Mpa (Kgf/cm²).*
****** All dimensions are given in millimeters.*

ISH VPG SERIES
SM VPG SERIES

VERTICAL PRESSURE METER

ISH VPG
SM VPG

VERTICAL PRESSURE GAUGE


W
H
L
PT1/8

Characteristics & Dimensions

MODEL	GRADUATED SPECIFICATIONS	W	L	WEIGHT (gr)
327203	*1.50*	*42.00*	*38.00*	*50*
327204	*3.50*	*42.00*	*38.00*	*50.00*

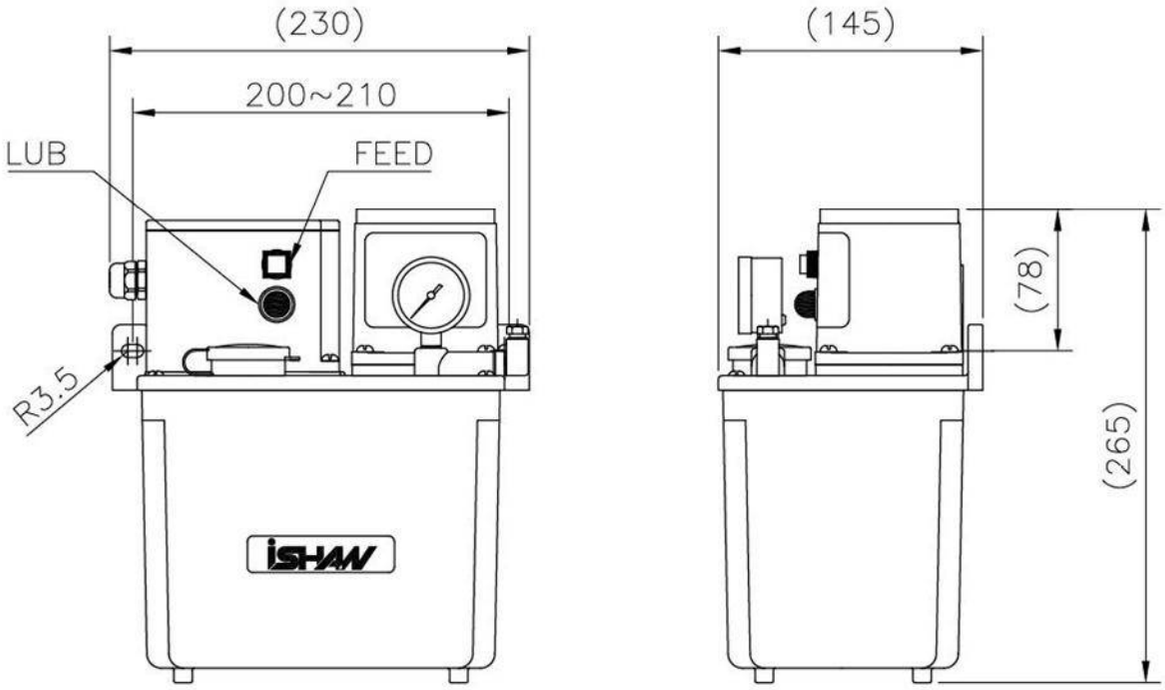
*** Graduation are given in Bar (Mpa).*
**** Based on maximum working pressure of 0.40 Mpa (4.00 Kgf/cm²)*
***** All dimensions are given in millimeters.*

ISH YAC-B2 SERIES
SM YAC-B2 SERIES

VOLUMETRIC TYPE ELECTRICAL PISTON LUBRICANT

ISH YAC-B2
SM YAC-B2

VOLUMETRIC TYPE
ELECTRIC LUBRICATOR


(230)
200~210
LUB
FEED
R3.5
(145)
(78)
(265)

Characteristics & Dimensions

Model	ISH YAC-B2P2
Voltage (Single Phase)	*110 / 220*
Consumption Power *(Watts)*	*56.00*
Output Power (Watts)	*25.00*
Capacity Of Terminal Output	*AC 240 volts / DC 200 volts (Floating Switch)* *AC 250 volts / 3 Amp (Pressure Switch)*
Lubrication Time (second/minute)	*Cooperates With PLC Control Systems.*
Intermittent Time (second/minute/hour/cycle)	*Cooperates With PLC Control Systems.*
Output Bore	*Ø4 or Ø6*
Maximum Output Pressure Mpa *(kgf/cm²)*	*2.0(20)*
Output Volume (c.c. / min)	*150.00*
Floating Switch	*Included*
Pressure Release Device	*Included*
Pressure Switch *(kgf/cm²)*	*Included*
Pressure Gauge	*Included*
Alarm Beeper	*Included*
Tank Capacity (L)	*3L & 4L (Resin), 4L (Aluminum), 6L, 8L & 20L (Steel)*
Total Weight (Kg)	*4.40 & 4.80 / 5.20 / 6.70, 8.50 & 17.10*

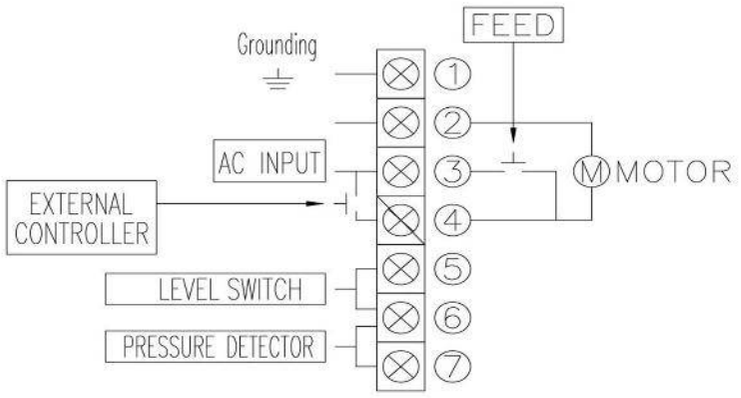
*** Special model can be manufacture under customer specifications.*
**** All dimensions are given in millimeters.*

伊山精密工業股份有限公司
ISHAN PRECISION INDUSTRY, CO, LTD

LUBRICATION SYSTEM

LUBRICATING SYSTEM WIRING DIAGRAM

ISH YAC-B2



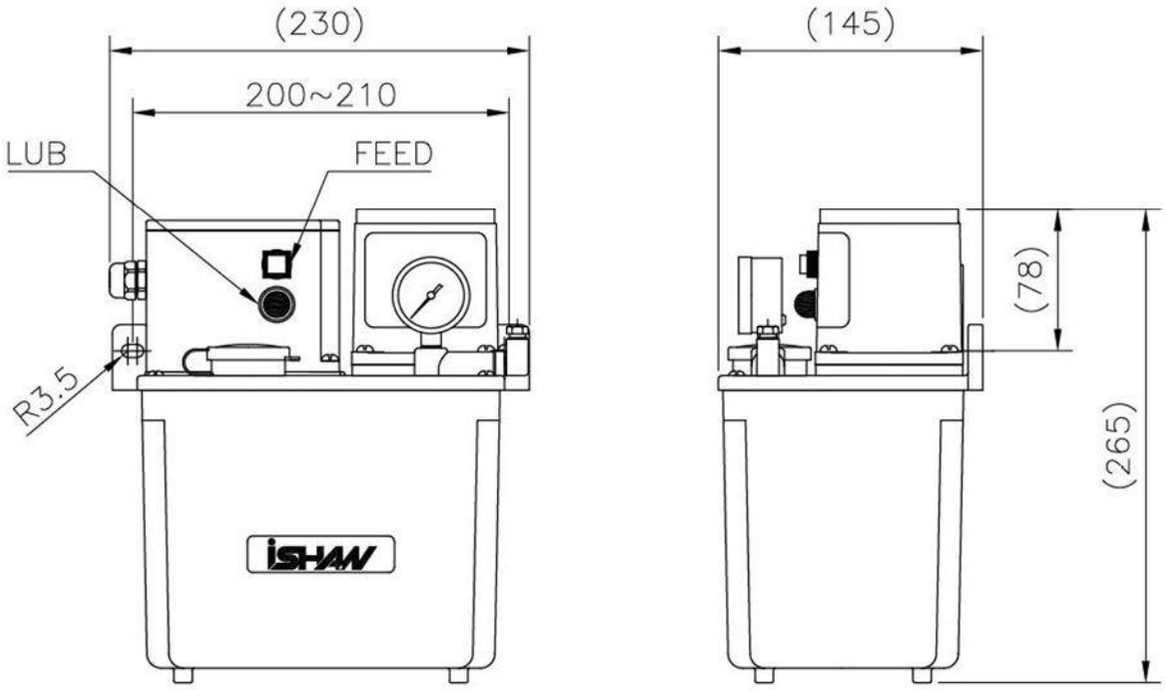
ORDERING CODE

YAC - B2 P2 003 P B 0 - 1 06 A

Control type	Pressure switch	Reservoir	Reservoir material	Mounting	Oil return device	Voltage	Output bore	Output
B2=PLC	P2 =with Null = without	003 = 3L 004 =4L 006 = 6L 008 = 8L 008 = 8L 020 = 20L	P = Resin (3/4L) S = Steel (6L up) A=Aluminum (Only 4L)	B= Rear bracket	0=without	1 = 110V 2 = 220V	04=4mm 06=6mm	A=25W 150 c.c./min

ISH YAC-B2P2
SM YAC-B2P2

VOLUMETRIC TYPE
ELECTRIC LUBRICATOR


(230)
200~210
LUB
FEED
R3.5
(145)
(78)
(265)

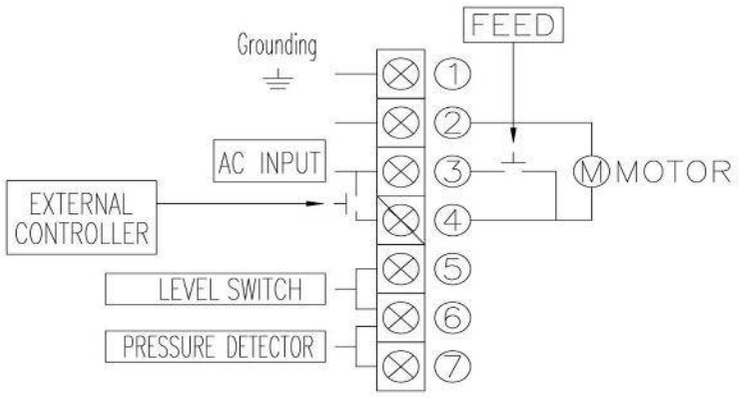
Characteristics & Dimensions

Model	ISH YAC-B2P2
Voltage (Single Phase)	*110 / 220*
Consumption Power *(Watts)*	*56.00*
Output Power (Watts)	*25.00*
Capacity Of Terminal Output	*AC 240 volts / DC 200 volts (Floating Switch)* *AC 250 volts / 3 Amp (Pressure Switch)*
Lubrication Time (second/minute)	*Cooperates With PLC Control Systems.*
Intermittent Time (second/minute/hour/cycle)	*Cooperates With PLC Control Systems.*
Output Bore	*Ø4 or Ø6*
Maximum Output Pressure Mpa *(kgf/cm²)*	*2.0(20)*
Output Volume (c.c. / min)	*150.00*
Floating Switch	*Included*
Pressure Release Device	*Included*
Pressure Switch *(kgf/cm²)*	*Included*
Pressure Gauge	*Included*
Alarm Beeper	*Included*
Tank Capacity (L)	*3L & 4L (Resin), 4L (Aluminum), 6L, 8L & 20L (Steel)*
Total Weight (Kg)	*4.40 & 4.80 / 5.20 / 6.70, 8.50 & 17.10*

*** Special model can be manufacture under customer specifications.*
**** All dimensions are given in millimeters.*

LUBRICATING SYSTEM WIRING DIAGRAM

ISH YAC-B2P2



ORDERING CODE

YAC - B2 P2 003 P B 0 - 1 06 A

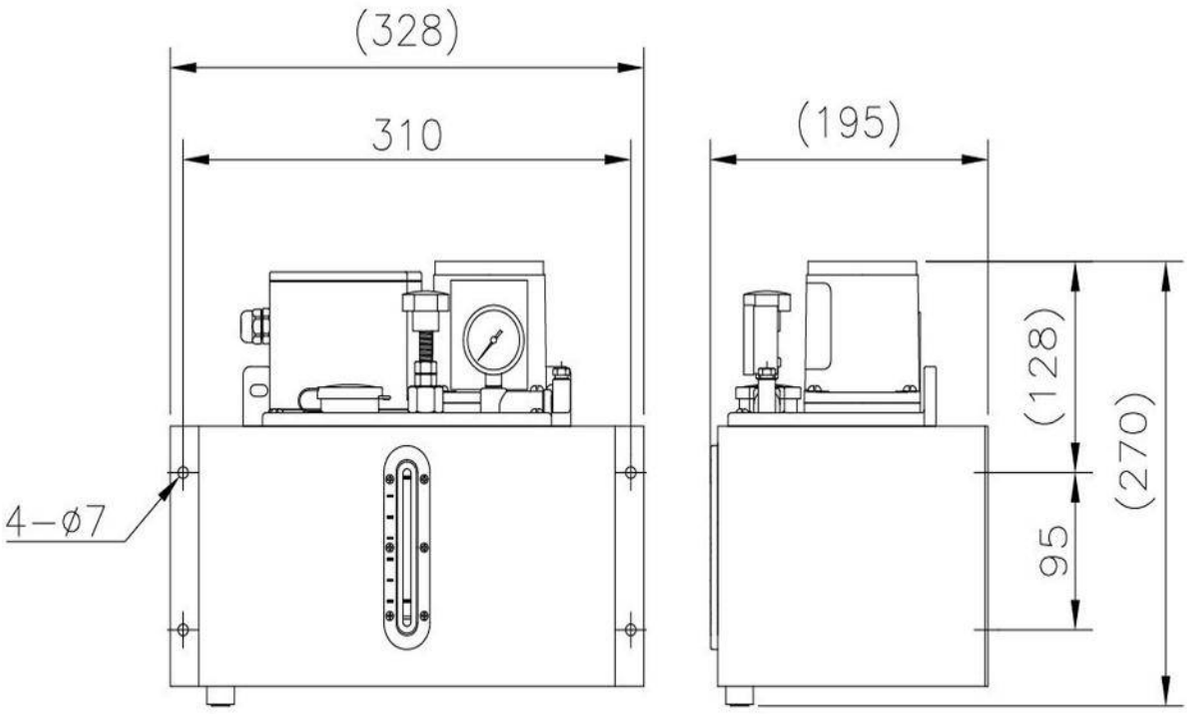
Control type	Pressure switch	Reservoir	Reservoir material	Mounting	Oil return device	Voltage	Output bore	Output
B2=PLC	P2 =with Null = without	003 = 3L 004 =4L 006 = 6L 008 = 8L 008 = 8L 020 = 20L	P = Resin (3/4L) S = Steel (6L up) A=Aluminum (Only 4L)	B= Rear bracket	0=without	1 = 110V 2 = 220V	04=4mm 06=6mm	A=25W 150 c.c./min

ISH YAC-H1 SERIES
SM YAC-H1 SERIES

RESISTANCE TYPE ELECTRIC LUBRICANT

ISH YAC-H1
SM YAC-H1

RESISTANT TYPE
ELECTRIC LUBRICATOR


(328)
310
(195)
(128)
(270)
95
4−ø7

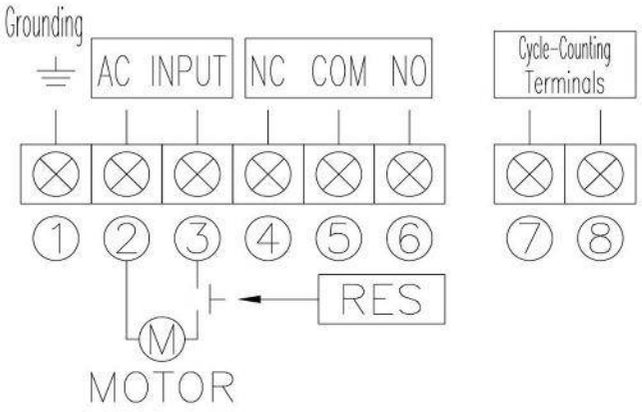
Characteristics & Dimensions

MODEL	ISH YAC-H1
Voltage (Single Phase)	*110 or 220*
Consumption Power *(Watts)*	*56.00*
Output Power (Watts)	*25.00*
Capacity Of Terminal Output	*AC 240 Volts/DC 200 Volts 0.5 Amp (Floating Switch) DC 12 Volts 3 Amp (Pressure Switch)*
Lubrication Time (second/minute)	*Cooperates With PLC Control System*
Intermittent Time (second/minute/hour/cycle)	*Cooperates With PLC Control System*
Output Bore	*Ø4 ó Ø6*
Maximum Output Pressure Mpa *(kgf/cm²)*	*1.00 (10.00)*
Output Volume (c.c. / min)	*250 (Standard) / 400 (Optional)*
Floating Switch	*Included*
Pressure Release Device	*NOT Included*
Pressure Switch *(kgf/cm²)*	*NOT Included*
Pressure Gauge	*Included*
Alarm Beeper	*NOT Included*
Tank Capacity (L)	*3L & 4L (Resin), 4L (Aluminum) & 8L (Metal)*
Total Weight (Kg)	*4.20 & 4.50 (Acrylic), 4.90 (Aluminum) & 10.30 (Metal)*

*** Special characteristics can be applied to device by customers request.*
**** All dimensions are given in millimeters.*

Lubricating System Wiring Diagram

ISH YAC-HIP1



ORDERING CODE

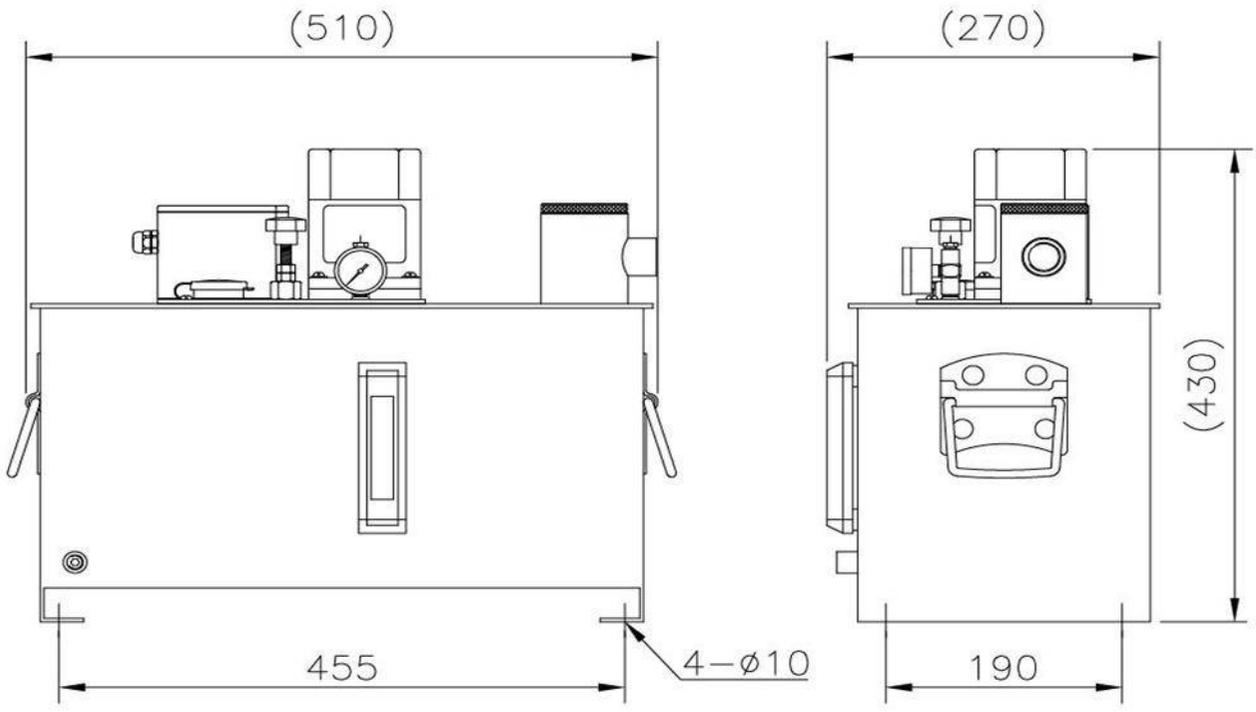
Order Code | YAC - H1 P1 006 ■ B 0 - 1 06 B

Control type	Pressure monitoring	Reservoir	Reservoir material	Mounting	Oil return device	Voltage	Output bore	Output
HI =PLC	PI =with Null = without	003 = 3L 004 = 4L 006 = 6L 008 = 8L 020 = 20L	P = Resin (3/4L) S = Steel (6L up) A=Aluminum (Only 4L)	B= Rear bracket	0 =without	1 = 110V 2 = 220V	04 =4mm 06=6mm	B=2.5 W 250 c.c./min. C=2.5 W 400 c.c./min.

ISH YAC-H1
SM YAC-H1

RESISTANT TYPE ELECTRIC LUBRICATOR

(75 Watts & 90 Watts)



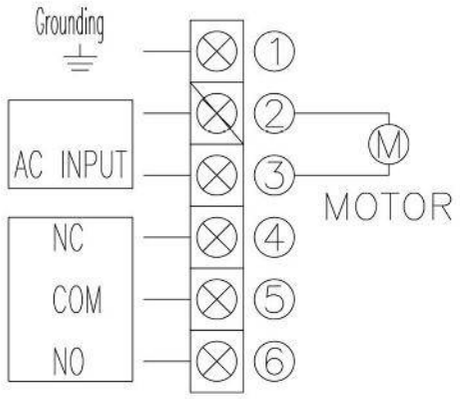
20L with oil return device(75W)

Characteristics & Dimensions

MODEL	ISH YAC-H1 (75-90)
Voltage (Single Phase)	*110 or 220*
Consumption Power *(Watts)*	*176 / 210*
Output Power (Watts)	*75 / 90*
Capacity Of Terminal Output	*AC 240 Volts/DC 200 Volts 0.5 Amp (Floating Switch)* *DC 12 Volts 3 Amp (Pressure Switch)*
Lubrication Time (second/minute)	*Cooperates With PLC Control System*
Intermittent Time (second/minute/hour/cycle)	*Cooperates With PLC Control System*
Output Bore	*Ø4 ó Ø6*
Maximum Output Pressure Mpa *(kgf/cm²)*	*3.00 (30.00)*
Output Volume (c.c. / min)	*600.00*
Floating Switch	*Included*
Pressure Release Device	*NOT Included*
Pressure Switch *(kgf/cm²)*	*NOT Included*
Pressure Gauge	*Included*
Alarm Beeper	*NOT Included*
Tank Capacity (L)	*8.00*
Total Weight (Kg)	*10.00*

*** Special characteristics can be applied to device by customers request.*
**** All dimensions are given in millimeters.*

Lubricating System Wiring Diagram
ISH YAC-H1 (75-90)



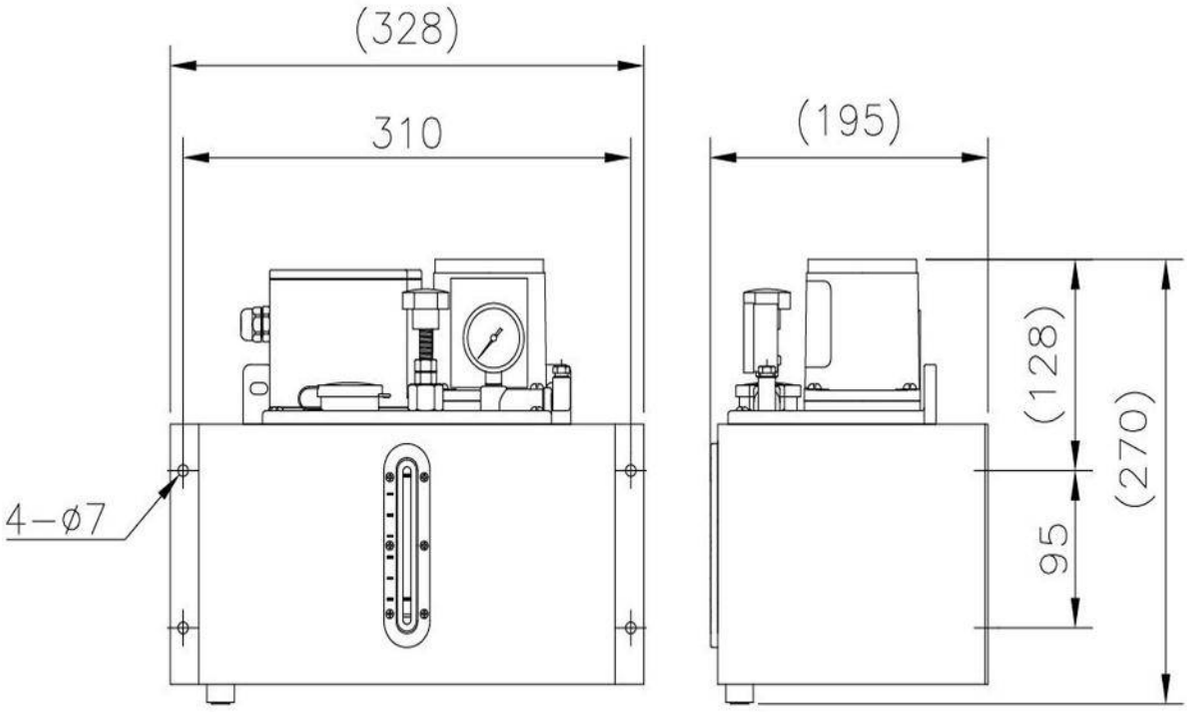
ORDERING CODE

Order Code | YAC - H1 P1 020 S 0 - 1 06 - D

Control type	Pressure monitoring	Reservoir	Reservoir material	Mounting	Oil return device	Voltage	Output bore	Output
H1 = PLC	Pf = with Null = without	008 = 8L 020 = 20L	S = Steel	B= Rear bracket S=Standing mount (20L up)	0 = without 1 = with	1 = 110V 2 = 220V	04=4mm 06=6mm	D=75W 600 c.c./min. E= 90W 600 c.c./min.

ISH YAC-H1P1
SM YAC-H1P1

RESISTANT TYPE
ELECTRIC LUBRICATOR


(328)
310
(195)
(128)
(270)
95
4−ø7

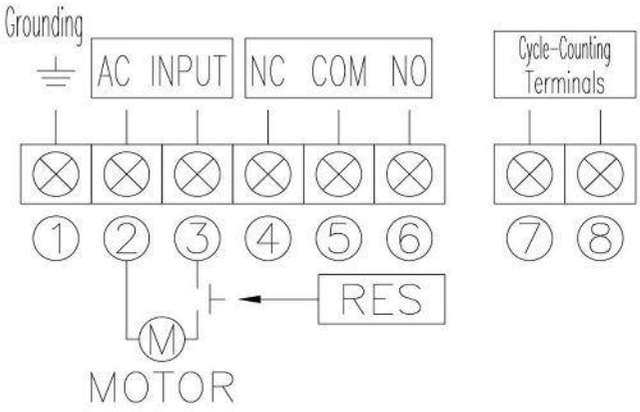
Characteristics & Dimensions

MODEL	ISH YAC-H1P1
Voltage (Single Phase)	*110 or 220*
Consumption Power *(Watts)*	*56.00*
Output Power (Watts)	*25.00*
Capacity Of Terminal Output	*AC 240 Volts/DC 200 Volts 0.5 Amp (Floating Switch) DC 12 Volts 3 Amp (Pressure Switch)*
Lubrication Time (second/minute)	*Cooperates With PLC Control System*
Intermittent Time (second/minute/hour/cycle)	*Cooperates With PLC Control System*
Output Bore	*Ø4 ó Ø6*
Maximum Output Pressure Mpa *(kgf/cm²)*	*1.00 (10.00)*
Output Volume (c.c. / min)	*250 (Standard) / 400 (Optional)*
Floating Switch	*Included*
Pressure Release Device	*NOT Included*
Pressure Switch *(kgf/cm²)*	*Included*
Pressure Gauge	*Included*
Alarm Beeper	*NOT Included*
Tank Capacity (L)	*3L & 4L (Resin), 4L (Aluminum) & 8L (Metal)*
Total Weight (Kg)	*4.20 & 4.50 (Acrylic), 4.90 (Aluminum) & 10.30 (Metal)*

*** Special characteristics can be applied to device by customers request.*
**** All dimensions are given in millimeters.*

Lubricating System Wiring Diagram

ISH YAC-HIP1



ORDERING CODE

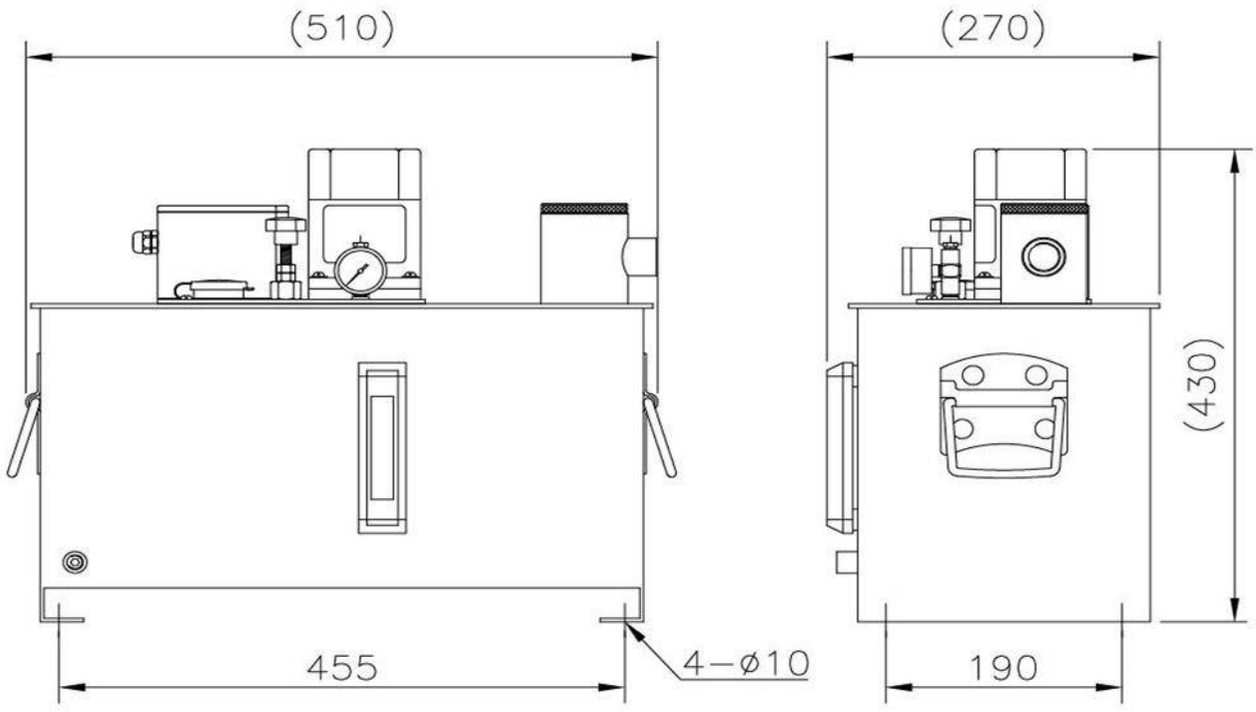
Order Code | YAC - H1 P1 006 ■ B 0 - 1 06 B

Control type	Pressure monitoring	Reservoir	Reservoir material	Mounting	Oil return device	Voltage	Output bore	Output
HI =PLC	PI =with Null = without	003 = 3L 004 = 4L 006 = 6L 008 = 8L 020 = 20L	P = Resin (3/4L) S = Steel (6L up) A=Aluminum (Only 4L)	B= Rear bracket	0 =without	1 = 110V 2 = 220V	04 =4mm 06=6mm	B=2.5 W 250 c.c./min. C=2.5 W 400 c.c./min.

ISH YAC-H1P1
SM YAC-H1P1

RESISTANT TYPE ELECTRIC LUBRICATOR

(75 Watts & 90 Watts)



20L with oil return device(75W)

Characteristics & Dimensions

MODEL	ISH YAC-H1P1 (75-90)
Voltage (Single Phase)	*110 ó 220*
Consumption Power *(Watts)*	*176 / 210*
Output Power (Watts)	*75 / 90*
Capacity Of Terminal Output	*AC 240 Volts/DC 200 Volts 0.5 Amp (Floating Switch)* *DC 12 Volts 3 Amp (Pressure Switch)*
Lubrication Time (second/minute)	*Cooperates With PLC Control System*
Intermittent Time (second/minute/hour/cycle)	*Cooperates With PLC Control System*
Output Bore	*Ø4 ó Ø6*
Maximum Output Pressure Mpa *(kgf/cm²)*	*3.00 (30.00)*
Output Volume (c.c. / min)	*600.00*
Floating Switch	*Included*
Pressure Release Device	*NOT Included*
Pressure Switch *(kgf/cm²)*	*Included*
Pressure Gauge	*Included*
Alarm Beeper	*NOT Included*
Tank Capacity (L)	*8.00*
Total Weight (Kg)	*10.00*

*** Special characteristics can be applied to device by customers request.*
**** All dimensions are given in millimeters.*

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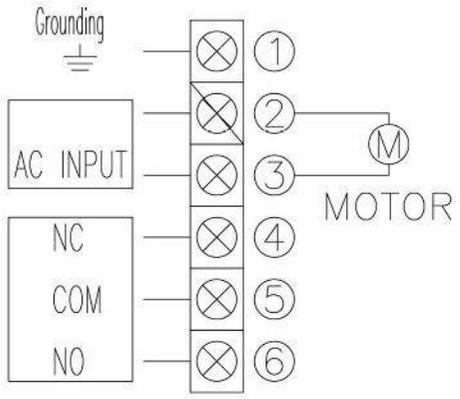
ISHAN PRECISION INDUSTRY, CO, LTD

ISHAN LUBRICATION SYSTEM

Lubricating System Wiring Diagram
ISH YAC-H1P1 (75-90)



ORDERING CODE

Order Code | YAC - H1 P1 020 S ■ 0 - 1 06 - D

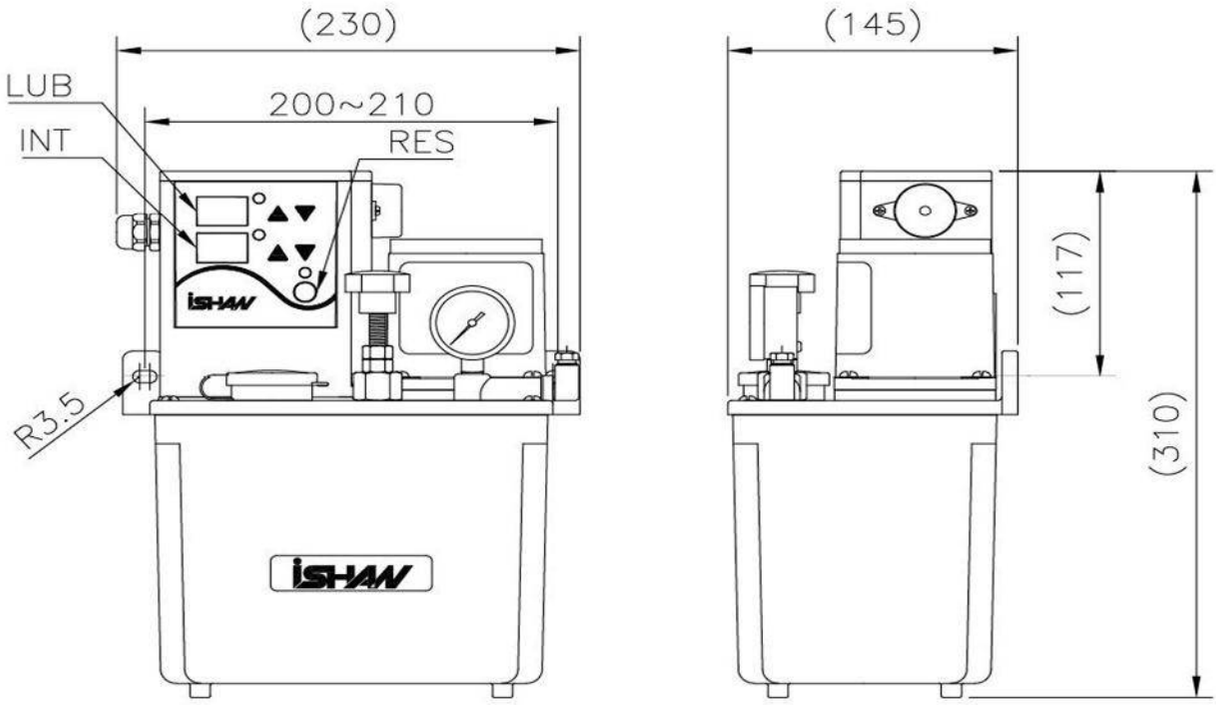
Control type	Pressure monitoring	Reservoir	Reservoir material	Mounting	Oil return device	Voltage	Output bore	Output
H1 = PLC	Pf = with Null = without	008 = 8L 020 = 20L	S = Steel	B= Rear bracket S=Standing mount (20L up)	0 = without 1 = with	1 = 110V 2 = 220V	04=4mm 06=6mm	D=75W 600 c.c./min. E= 90W 600 c.c./min.

ISH YAE-A1 SERIES
SM YAE-A1 SERIES

RESISTANCE TYPE ELECTRIC LUBRICANT

ISH YAE-A1
SM YAE-A1

RESISTANT TYPE
ELECTRIC LUBRICATOR

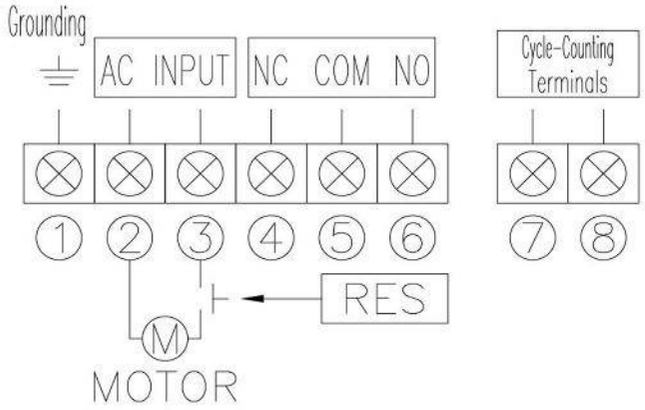

(230)
LUB
200~210
INT
RES
R3.5
(145)
(117)
(310)

Characteristics & Dimensions

MODEL	ISH YAE-A1
Voltage (Single Phase)	*110 or 220*
Consumption Power (Watts)	*56.00*
Output Power *(Watts)*	*25.00*
Terminal Output Capacity (Amp)	*0.50*
Lubrication Time (second/minute)	*1 - 999*
Intermittent Time (second/minute/hour/cycle)	*1 - 999*
Output Bore	*Ø4 or Ø6*
Maximum Output Pressure Mpa (Kgf/cm^2)	*1.00 (10.00)*
Output Volume (c.c./min)	*250.00 (Standard) ~ 400.00 (Optional)*
Pressure Release Device	*NOT Included*
Floating Switch	*Included*
Pressure Switch	*NOT Included*
Pressure Gauge	*Included*
Alarm Beeper	*Included*
Tank Capacity (L)	*3.00L & 4.00L (Acrylic), 4.00L (Aluminum) & 8.00L (Metal)*
Total Weight (Kg)	*4.20 & 4.50, 4.90 & 10.30*

*** Special characteristics can be applied to device by customers request.*
**** All dimensions are given in millimeters.*

WIRING DIAGRAM
ISH YAE-A1



ORDERING CODE

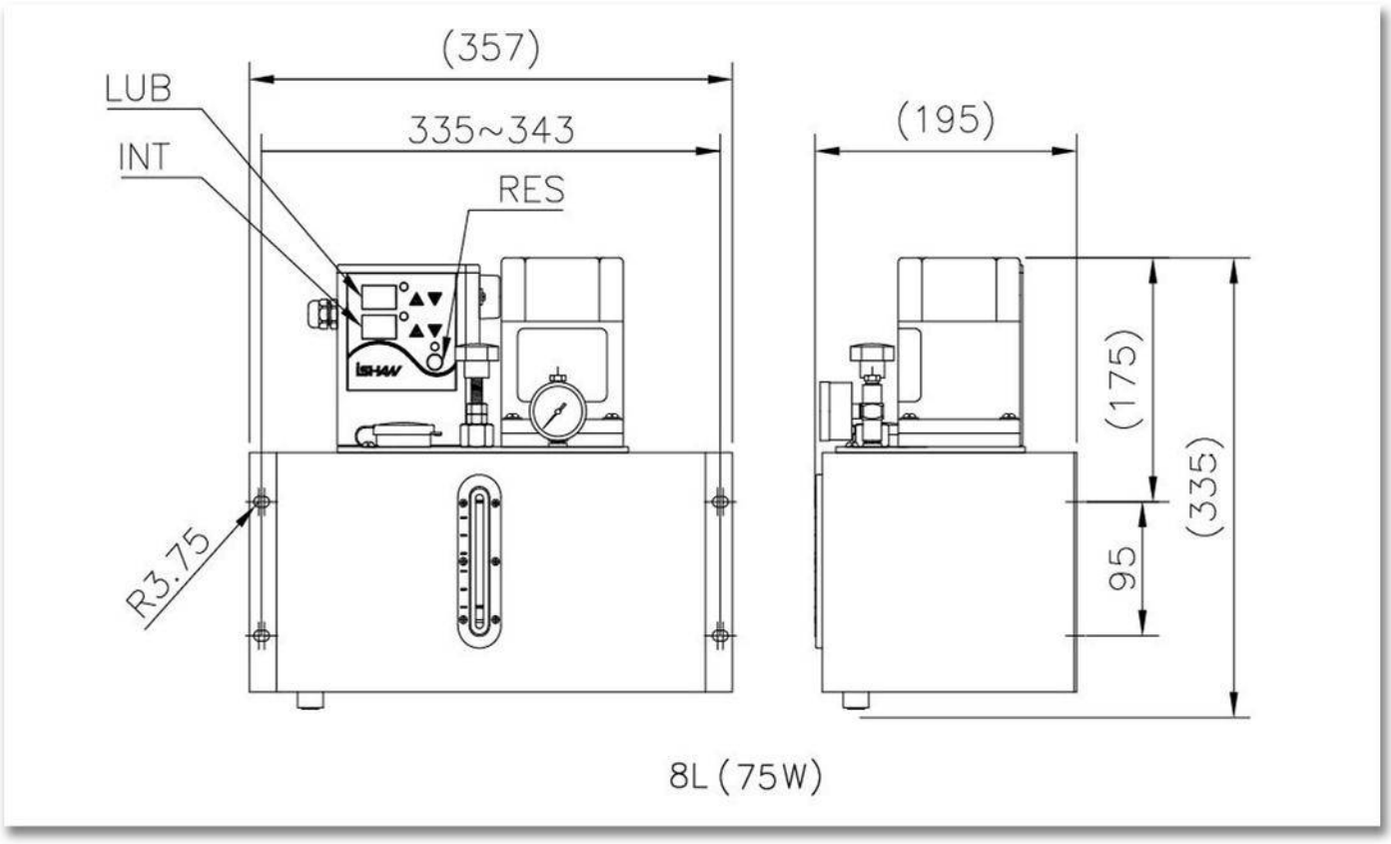
YAE - A1	P1	008	S	B	0 -	1	06	D

Control type	Pressure monitoring	Reservoir	Reservoir material	Mounting	Oil return device	Voltage	Output bore	Output
A1 = Digital timer	P1 = with Null = without	008 = 8L 020 = 20L	S = Steel	B= Rear bracket S=Standing mount	0 = without 1 = with	1 = 110V 2 = 220V	04 = 4mm 06 = 6mm	D = 75W 600 c.c./min. E = 90W 600 c.c./min.

ISH YAE-A1
SM YAE-A1

RESISTANT TYPE ELECTRIC LUBRICATOR

(75 Watts & 90 Watts)

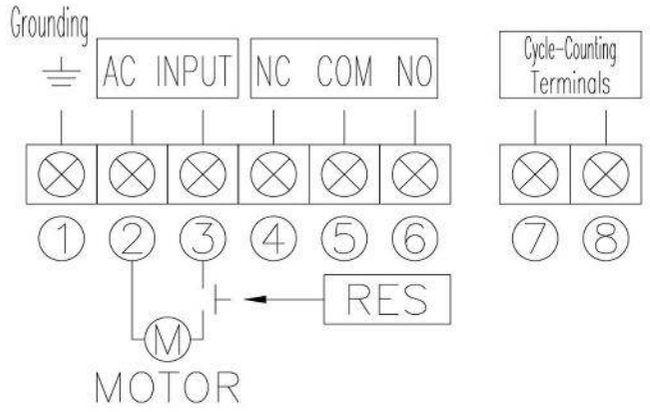

(357)
LUB
335~343
INT
RES
(195)
(175)
(335)
95
R3.75
8L (75W)

Characteristics & Dimensions

MODEL	ISH YAE-A1 (75Watts - 90Watts)
Voltage (Single Phase)	*110 or 220*
Consumption Power (Watts)	*176 / 210*
Output Power *(Watts)*	*75 / 90*
Terminal Output Capacity (Amp)	*0.50*
Lubrication Time (second/minute)	*1 - 999*
Intermittent Time (second/minute/hour/cycle)	*1 - 999*
Output Bore	*Ø4 or Ø6*
Maximum Output Pressure Mpa (Kgf/cm^2)	*3.00 (30.00)*
Output Volume (c.c./min)	*600.00*
Pressure Release Device	*NOT Included*
Floating Switch	*Included*
Pressure Switch	*NOT Included*
Pressure Gauge	*Included*
Alarm Beeper	*Included*
Tank Capacity (L)	*8.00*
Total Weight (Kg)	*10.00*

*** Special characteristics can be applied to device by customers request.*
**** All dimensions are given in millimeters.*

WIRING DIAGRAM
ISH YAE-A1 (75-90)



ORDERING CODE

YAE - A1	P1	008	S	B	0 -	1	06	D

Control type	Pressure monitoring	Reservoir	Reservoir material	Mounting	Oil return device	Voltage	Output bore	Output
A1 = Digital timer	P1 = with Null = without	008 = 8L 020 = 20L	S = Steel	B= Rear bracket S=Standing mount	0 = without 1 = with	1 = 110V 2 = 220V	04 = 4mm 06 = 6mm	D = 75W 600 c.c./min. E = 90W 600 c.c./min.

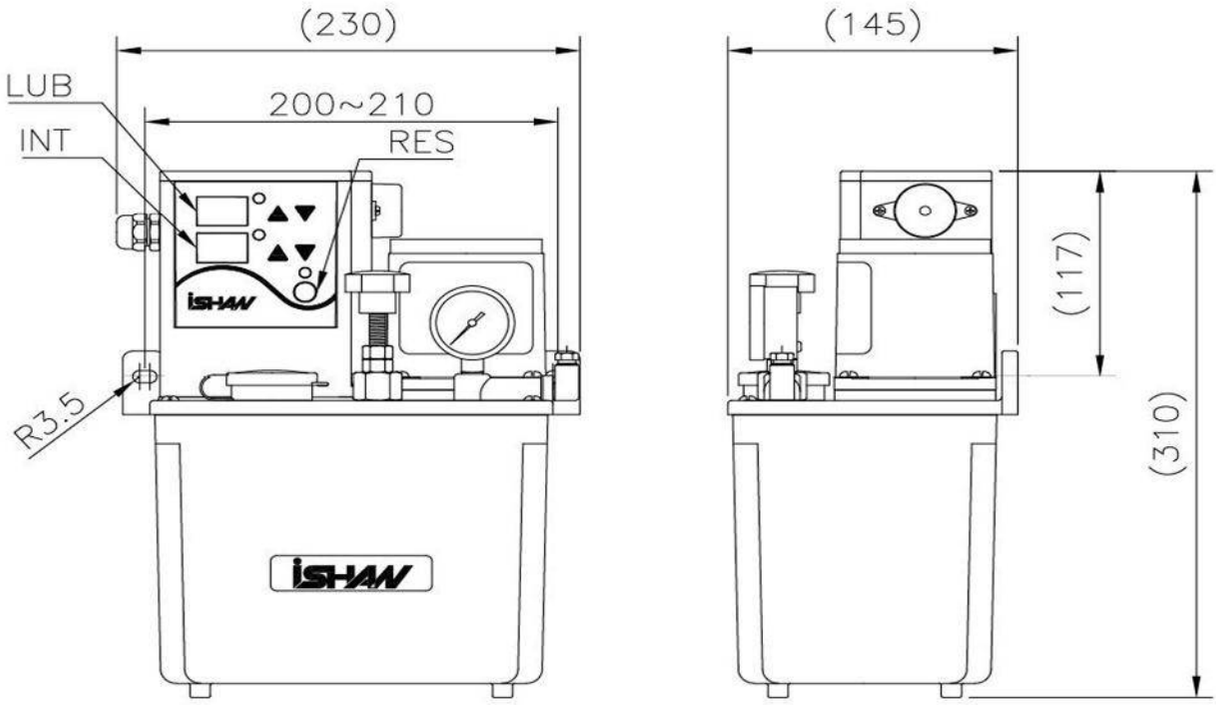
ISH YAE-A1P1
SM YAE-A1P1

RESISTANT TYPE
ELECTRIC LUBRICATOR

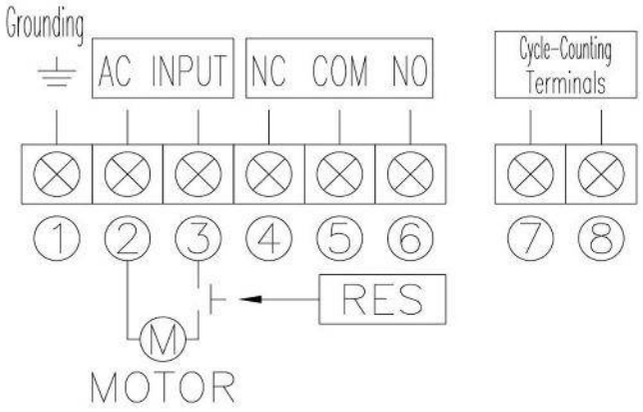
Characteristics & Dimensions

MODEL	ISH YAE-A1P1
Voltage (Single Phase)	*110 or 220*
Consumption Power (Watts)	*56.00*
Output Power *(Watts)*	*25.00*
Terminal Output Capacity (Amp)	*0.50*
Lubrication Time (second/minute)	*1 - 999*
Intermittent Time (second/minute/hour/cycle)	*1 - 999*
Output Bore	*Ø4 or Ø6*
Maximum Output Pressure Mpa (Kgf/cm^2)	*1.00 (10.00)*
Output Volume (c.c./min)	*250.00 (Standard) ~ 400.00 (Optional)*
Pressure Release Device	*NOT Included*
Floating Switch	*Included*
Pressure Switch	*Included*
Pressure Gauge	*Included*
Alarm Beeper	*Included*
Tank Capacity (L)	*3.00L & 4.00L (Acrylic), 4.00L (Aluminum) & 8.00L (Metal)*
Total Weight (Kg)	*4.20 & 4.50, 4.90 & 10.30*

*** Special characteristics can be applied to device by customers request.*
**** All dimensions are given in millimeters.*


(230)
LUB
INT
200~210
RES
R3.5
(145)
(117)
(310)

WIRING DIAGRAM
ISH YAE-A1P1



ORDERING CODE

YAE - A1	P1	008	S	B	0 -	1	06	D

Control type	Pressure monitoring	Reservoir	Reservoir material	Mounting	Oil return device	Voltage	Output bore	Output
A1 = Digital timer	P1 = with Null = without	008 = 8L 020 = 20L	S = Steel	B= Rear bracket S=Standing mount	0 = without 1 = with	1 = 110V 2 = 220V	04 = 4mm 06 = 6mm	D = 75W 600 c.c./min. E = 90W 600 c.c./min.

ISH YAE-A1P1
SM YAE-A1P1

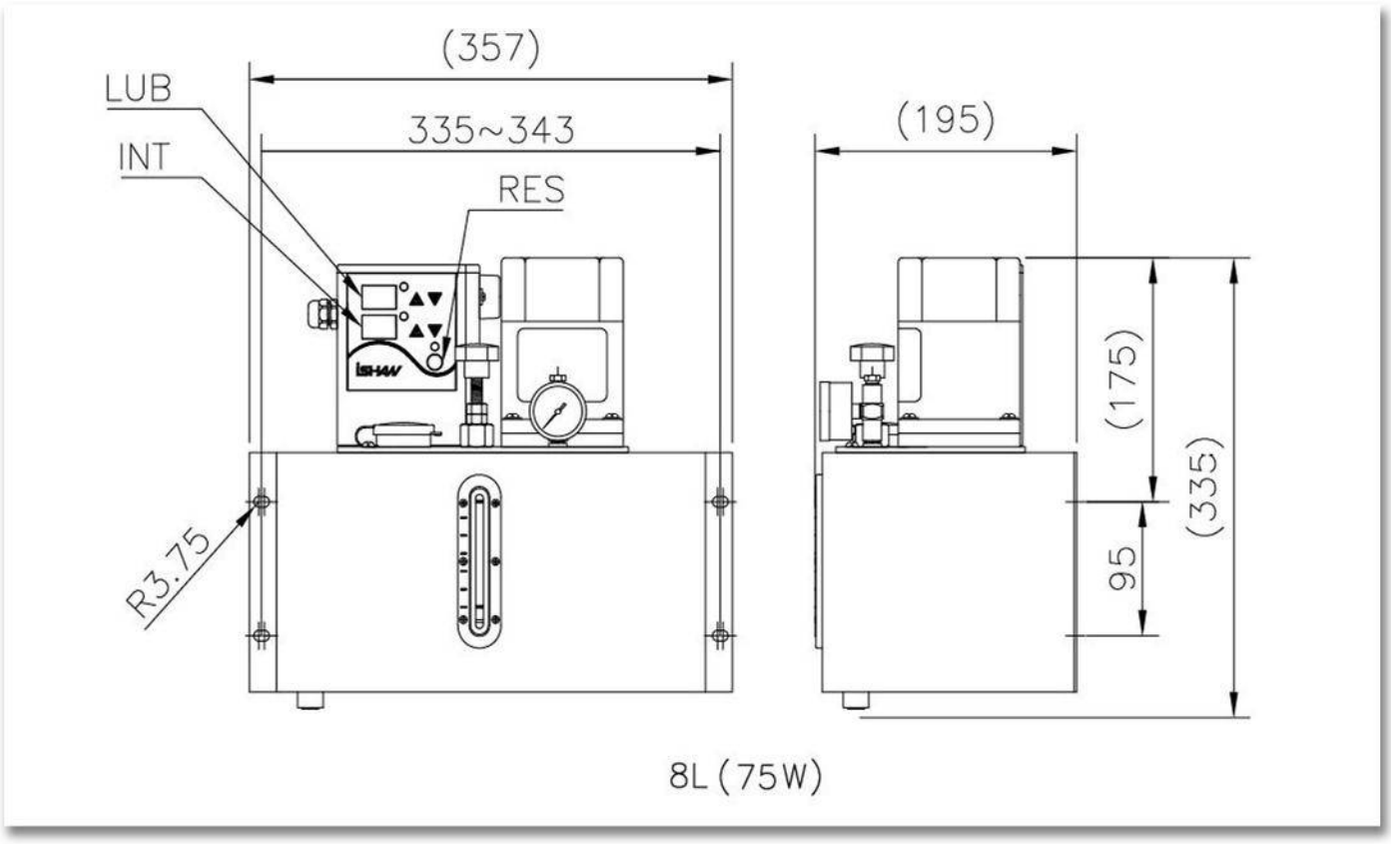
RESISTANT TYPE ELECTRIC LUBRICATOR

(75 Watts & 90 Watts)

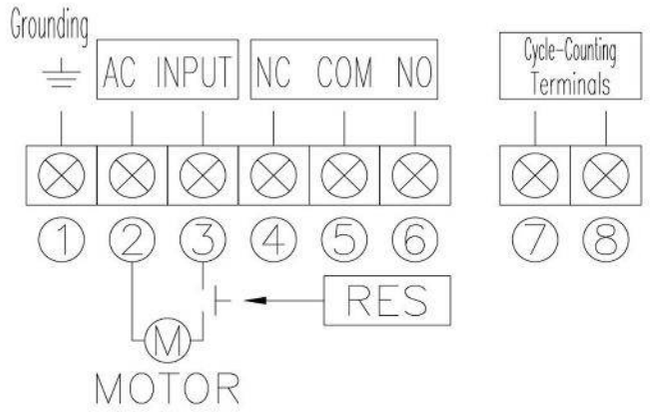
Characteristics & Dimensions

MODEL	ISH YAE-A1P1 (75Watts - 90Watts)
Voltage (Single Phase)	*110 or 220*
Consumption Power (Watts)	*176 / 210*
Output Power *(Watts)*	*75 / 90*
Terminal Output Capacity (Amp)	*0.50*
Lubrication Time (second/minute)	*1 - 999*
Intermittent Time (second/minute/hour/cycle)	*1 - 999*
Output Bore	*Ø4 or Ø6*
Maximum Output Pressure Mpa (Kgf/cm^2)	*3.00 (30.00)*
Output Volume (c.c./min)	*600.00*
Pressure Release Device	*NOT Included*
Floating Switch	*Included*
Pressure Switch	*Included*
Pressure Gauge	*Included*
Alarm Beeper	*Included*
Tank Capacity (L)	*8.00*
Total Weight (Kg)	*10.00*

*** Special characteristics can be applied to device by customers request.*
**** All dimensions are given in millimeters.*


(357)
LUB
335~343
INT
RES
(195)
(175)
(335)
95
R3.75
8L (75W)

WIRING DIAGRAM
ISH YAE-A1P1 (75-90)



Codigo Para Ordenar

YAE - A1 P1 008 S B 0 - 1 06 D

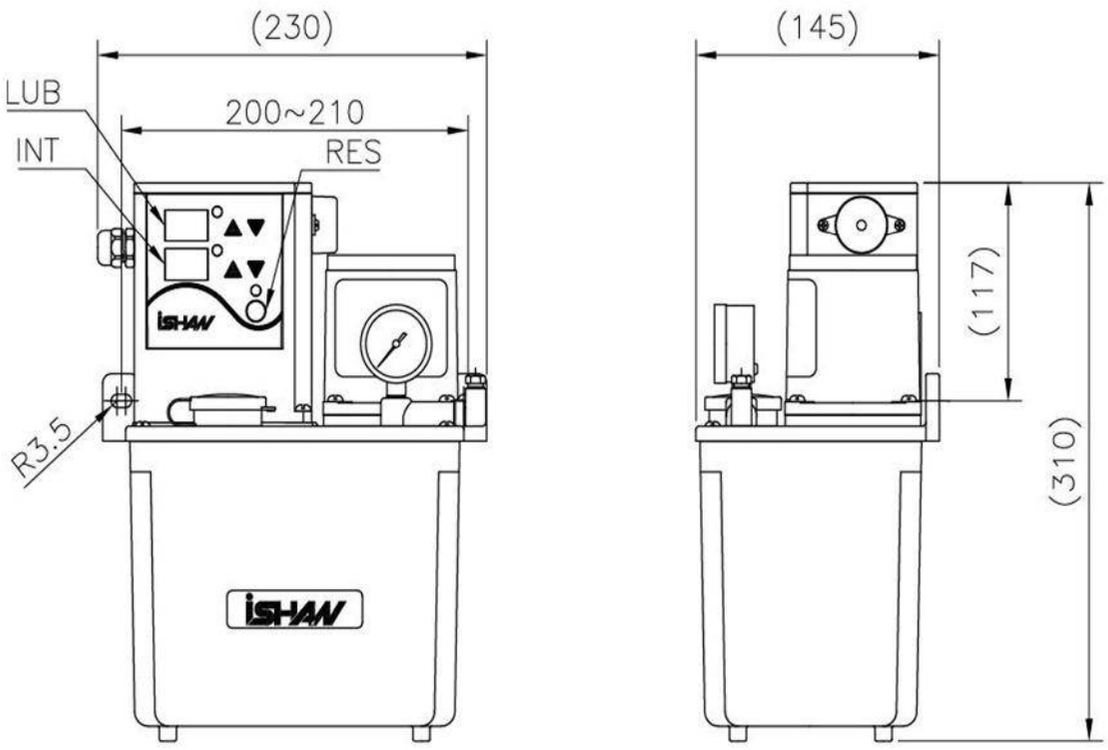
Tipo De Control	Monitor De Presión	Deposito	Material Del Deposito	Montaje	Dispositivo De Retorno De Aceite	Voltaje	Diametro De Salida	Salida
A1 = Temporizador Digital	P1 = Incluido Ø = NO Incluido	008 = 8 Litros 020 = 20 Litros	S = Acero	B = Montura Trasera S = Montaje Sobre Base	0 = NO Incluido 1 = Incluido	1 = 110 volts 2 = 220 volts	04 = 4mm 06 = 6mm	D = 75 Watts 600 c.c./min. E = 90 Watts 600c.c./min.

ISH YAE-A2 SERIES
SM YAE-A2 SERIES

VOLUMETRIC TYPE PISTON ELECTRIC LUBRICANT

ISH YAE-A2
SM YAE-A2

VOLUMETRIC TYPE ELECTRIC LUBRICATOR

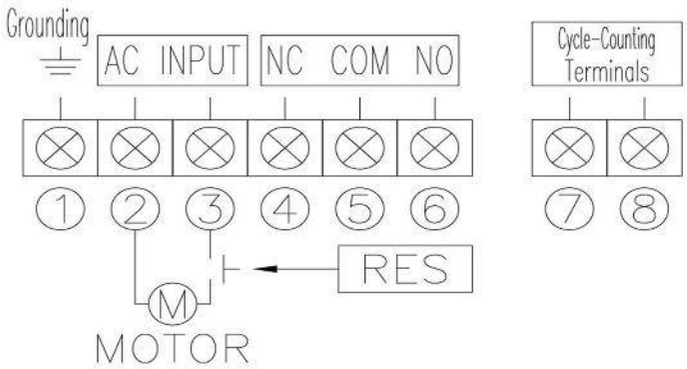

(230)
LUB
200~210
INT
RES
R3.5
(145)
(117)
(310)

Characteristics & Dimensions

MODEL	ISH YAE-A2
Voltage (Single Phase)	*110 or 220*
Consumption Power (Watts)	*56.00*
Output Power *(Watts)*	*25.00*
Terminal Output Capacity (Amp)	*0.50*
Lubrication Time (second/minute)	*1 - 999*
Intermittent Time (second/minute/hour/cycle)	*1 - 999*
Output Bore	*Ø4 or Ø6*
Maximum Output Pressure Mpa (Kgf/cm^2)	*2.00 (20.00)*
Output Volume (c.c./min)	*150.00*
Pressure Release Device	*Included*
Floating Switch	*Included*
Pressure Switch	*NOT Included*
Pressure Gauge	*Included*
Alarm Beeper	*Included*
Tank Capacity (L)	*2.00L & 4.00L (Acrylic), 4.00L (Aluminum) & 6.00L,8.00L & 20.00 (Metal)*
Total Weight (Kg)	*4.50 & 4.80, 5.20 & 6.70,9.40 & 18.00*

*** Special characteristics can be applied to device by customers request.*
**** All dimensions are given in millimeters.*

WIRING DIAGRAM ISH YAE-A2



ORDERING CODE

YAE - A2 P2 003 P B 0 - 1 06 A

Control type	Pressure switch	Reservoir	Reservoir material	Mounting	Oil return device	Voltage	Output bore	Output
A2 = Digital timer	P2 = with Null = without	003 = 3L 004 = 4L 006 = 6L 008 = 8L 008 = 8L 020 = 20L	P = Resin (3/4L) S = Steel (6L up) A = Aluminum (Only 4L)	B= Rear bracket	0 = without	1 = 110V 2 = 220V	04 = 4mm 06 = 6mm	A = 25W 150 c.c./min

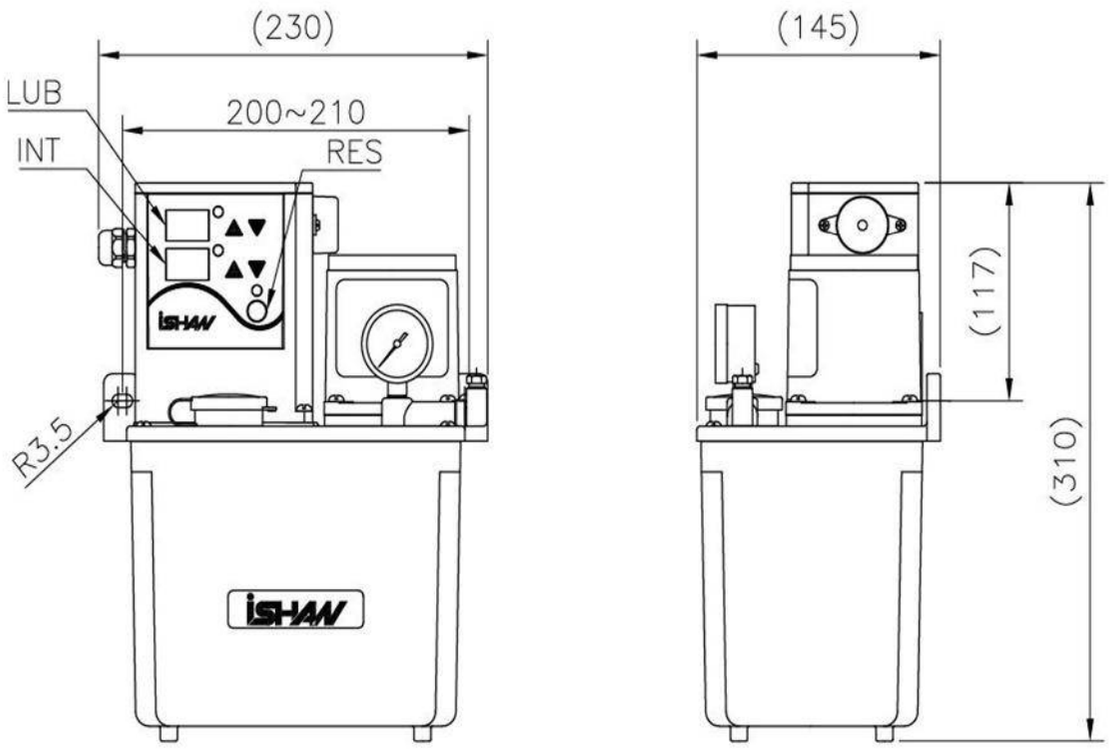
ISH YAE-A2P2
SM YAE-A2P2

VOLUMETRIC TYPE
ELECTRIC LUBRICATOR

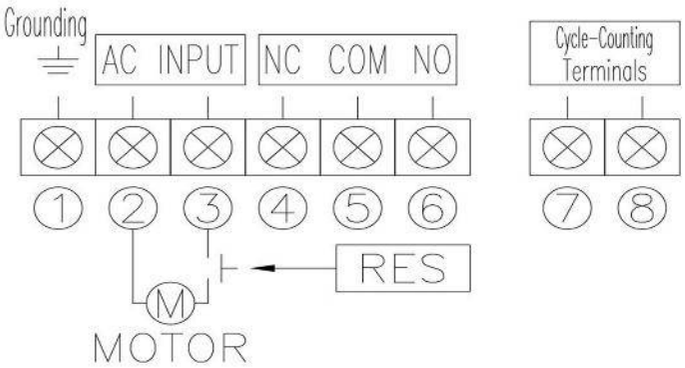
Characteristics & Dimensions

MODEL	ISH YAE-A2P2
Voltage (Single Phase)	*110 or 220*
Consumption Power (Watts)	*56.00*
Output Power *(Watts)*	*25.00*
Terminal Output Capacity (Amp)	*0.50*
Lubrication Time (second/minute)	*1 - 999*
Intermittent Time (second/minute/hour/cycle)	*1 - 999*
Output Bore	*Ø4 or Ø6*
Maximum Output Pressure Mpa (Kgf/cm^2)	*2.00 (20.00)*
Output Volume (c.c./min)	*150.00*
Pressure Release Device	*Included*
Floating Switch	*Included*
Pressure Switch	*Included*
Pressure Gauge	*Included*
Alarm Beeper	*Included*
Tank Capacity (L)	*2.00L & 4.00L (Acrylic), 4.00L (Aluminum) & 6.00L,8.00L & 20.00 (Metal)*
Total Weight (Kg)	*4.50 & 4.80, 5.20 & 6.70,9.40 & 18.00*

*** Special characteristics can be applied to device by customers request.*
**** All dimensions are given in millimeters.*


(230)
LUB
200~210
INT
RES
R3.5
(145)
(117)
(310)

WIRING DIAGRAM ISH YAE-A2P2



ORDERING CODE

YAE - A2 P2 003 P B 0 - 1 06 A

Control type	Pressure switch	Reservoir	Reservoir material	Mounting	Oil return device	Voltage	Output bore	Output
A2 = Digital timer	P2 = with Null = without	003 = 3L 004 = 4L 006 = 6L 008 = 8L 008 = 8L 020 = 20L	P = Resin (3/4L) S = Steel (6L up) A = Aluminum (Only 4L)	B= Rear bracket	0 = without	1 = 110V 2 = 220V	04 = 4mm 06 = 6mm	A = 25W 150 c.c./min

ISH YAH SERIES
SM YAH SERIES

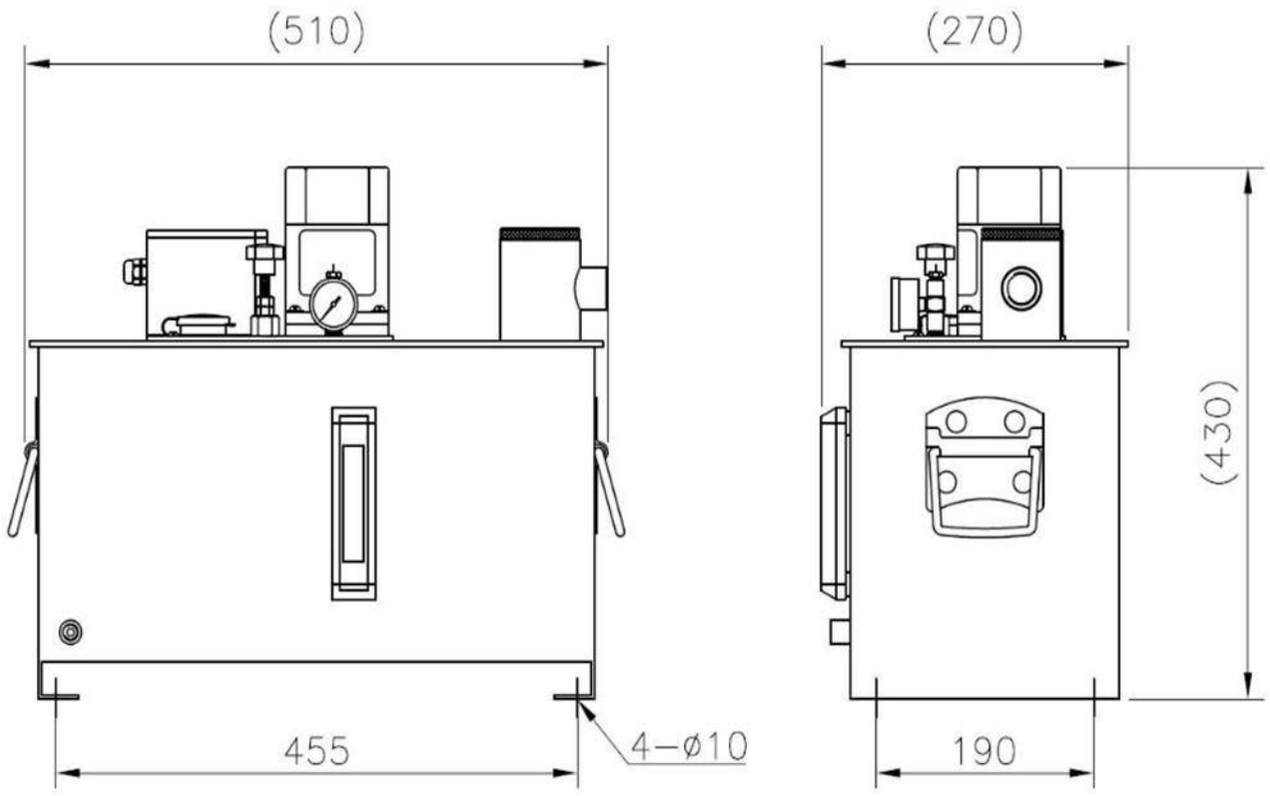
RESISTANCE TYPE ELECTRIC LUBRICANT

ISH YAH
SM YAH

SMUS
ISHAN LUBRICATION SYSTEM
伊山精密工業股份有限公司
ISHAN PRECISION INDUSTRY, CO, LTD

ISHAN LUBRICATION SYSTEM

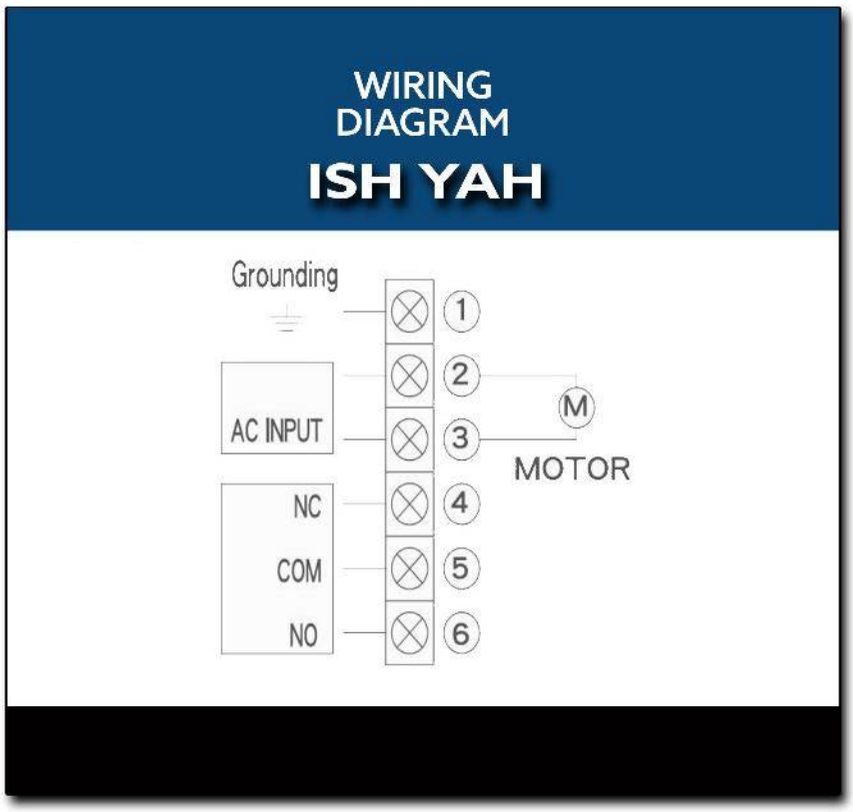
RESISTANT ELECTRIC LUBRICATOR


(510)
(270)
(430)
455
4−ø10
190

Characteristics & Dimensions

MODEL	ISH YAH-8
System Lubrication Type	*Resistance*
Distributor	*DB Series / DE Series / DV Series*
Voltage *(Single Phase)*	*110 volts/60Hz ó 220 volts/60Kz*
Power Consumption *(watts)*	*210.00*
Output Power *(watts)*	*90.00*
Capacity Of Terminal Output	*0.50A 240Vac/200Vdc (Floating Switch)* *3A (Pressure Switch)*
Lubrication Time *(Second/Minute)*	*Cooperate With PLC Control System*
Intermmitent Time *(Second/Minute/Hour/Cycle)*	*Cooperate With PLC Control System*
Output Bore	*Ø4 | Ø6*
Maximum Output Pressure *Mpa (Kgf/cm²)*	*3.00 (30.00)*
Output Volume (cc/min)	*600.00*
Floatting Switch	*O*
Pressure Release Devices	*X (Optional)*
Pressure Switch *Kgf/cm²*	*X (Optional)*
Pressure Gauge	*O*
Alarm Beeper	*X*
Tank Capacity *(Liters)*	*8.00*
System Total Weight *(Kg)*	*9.50*
Tank Material	*Steel*

**** *All dimensions are given in millimeters.*


WIRING
DIAGRAM
ISH YAH
Grounding
AC INPUT
NC
COM
NO
1
2
3
4
5
6
M
MOTOR

ISH YAK SERIES
SM YAK SERIES

VOLUMETRIC TYPE ELECTRIC LUBRICANT

ISH YAK
SM YAK

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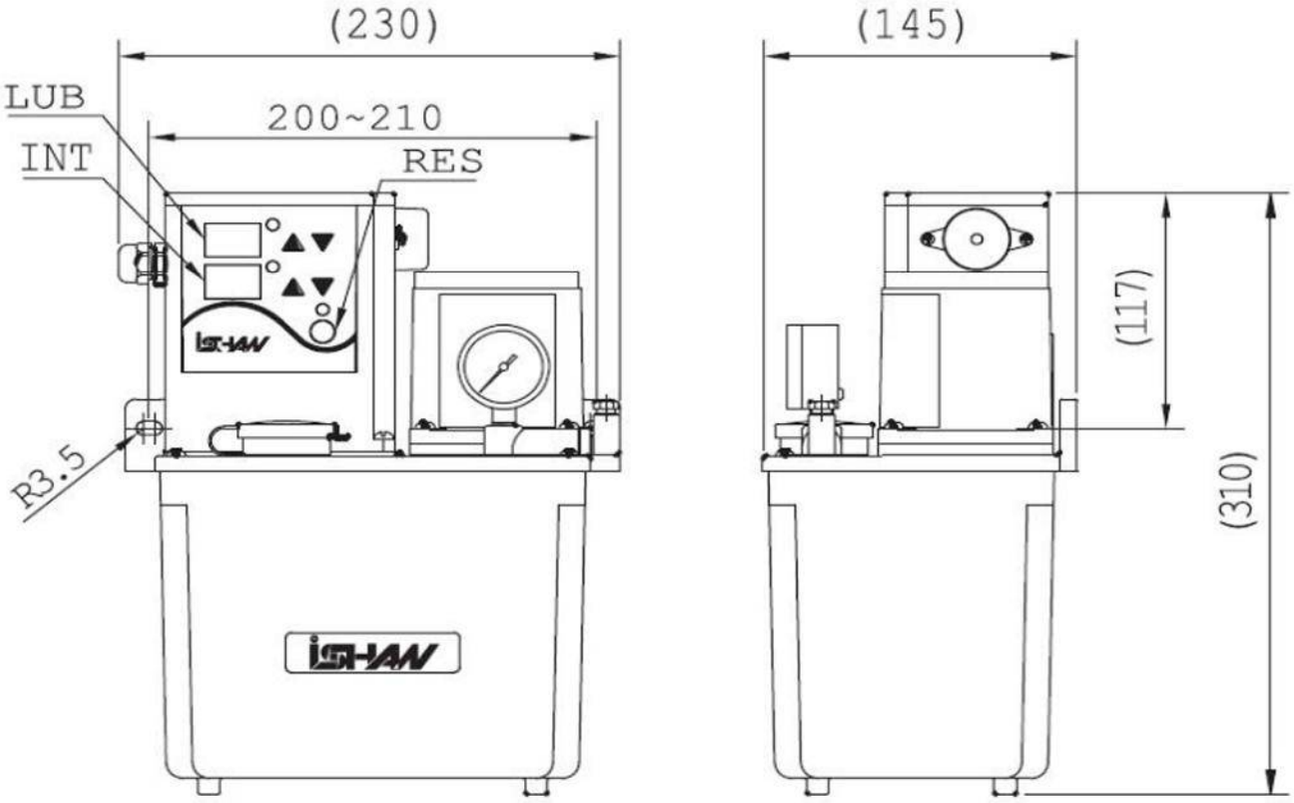
ISHAN PRECISION INDUSTRY, CO, LTD

VOLUMETRIC TYPE ELECTRIC LUBRICATOR


(230)
LUB
INT
200~210
RES
R3.5
(145)
(117)
(310)

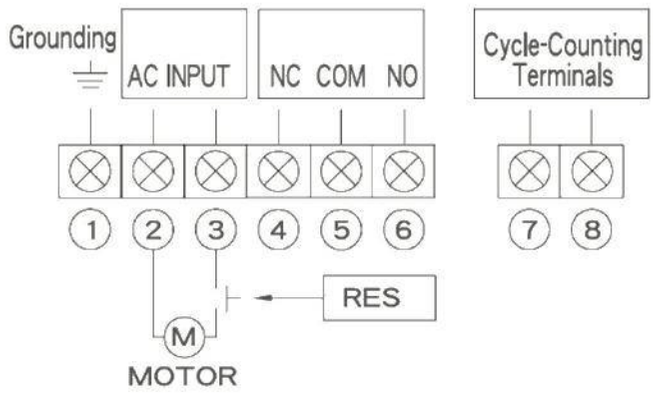
Characteristics & Dimensions

Model	ISH YAK	
Type Of Lubrication System	*Piston*	
Distributor	*DT Series or DX Series*	
Voltage (Single Phase)	*110 volts/60Hz*	
Power Consumption (Watts)	*56.00*	
Output Power (Watts)	*25.00*	
Output Terminal Capacity	*DC / AC 250 volts/3A*	
Lubrication Period (Second/Minute)	*1-999*	
Intermittent Time (Second/Minute/Hour/Cycle)	*1-999*	
Outlet Diameter	*Ø4 | Ø6*	
Maximum Outlet Pressure (Mpa(Kgf/cm2))	*2.00 (20.00)*	
Outlet Volume (cc/min)	*150.00*	
Pressure Released By The System	■	
Float System	■	
Pressure Switch (Kgf/cm2)	*X (Optional)*	
Pressure Gauge	■	
Sound Alarm	■	
Oil Tank Capacity (Liters)	*3.00*	*4.00*
Total System Weight (Kg)	*3.50*	*5.20*
Oil Tank Material	*Acrylic*	*Aluminum*

*** The flow should be multiplied by the serial number sequence.*
**** More models available for selection, please ask.*
***** All dimensions are given in millimeters.*

Lubrication System
Wiring Diagram

ISH YAC-B2

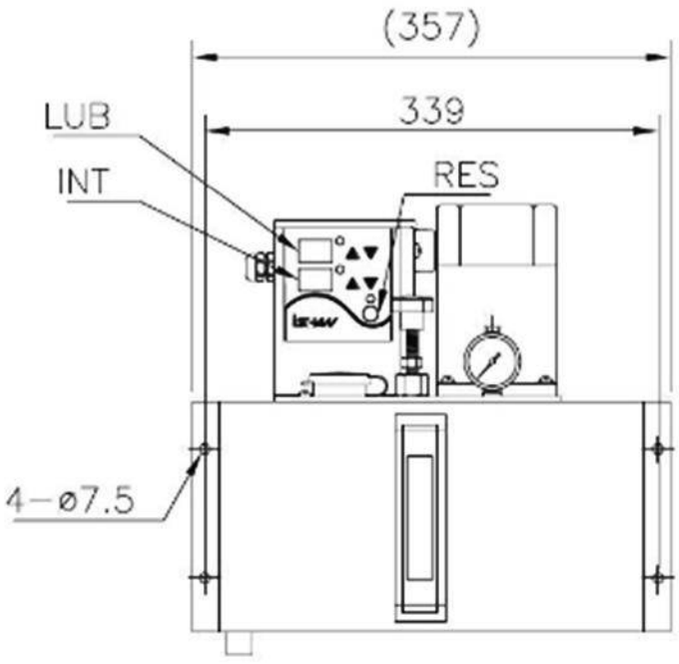


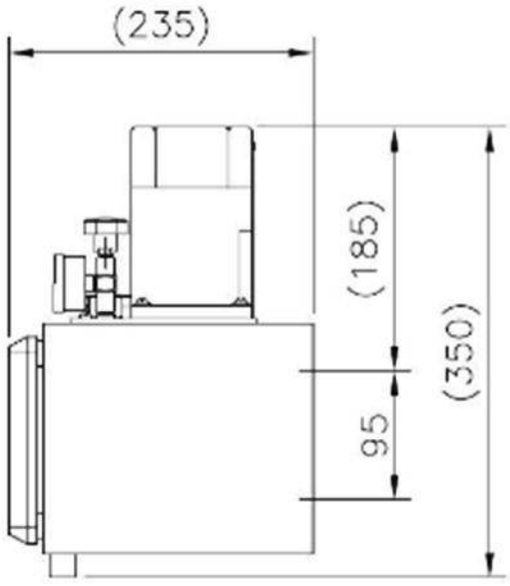
ISH YAP SERIES
SM YAP SERIES

VOLUMETRIC TYPE ELECTRIC LUBRICANT

ISH YAP
SM YAP

RESISTANCE ELECTRIC LUBRICATOR

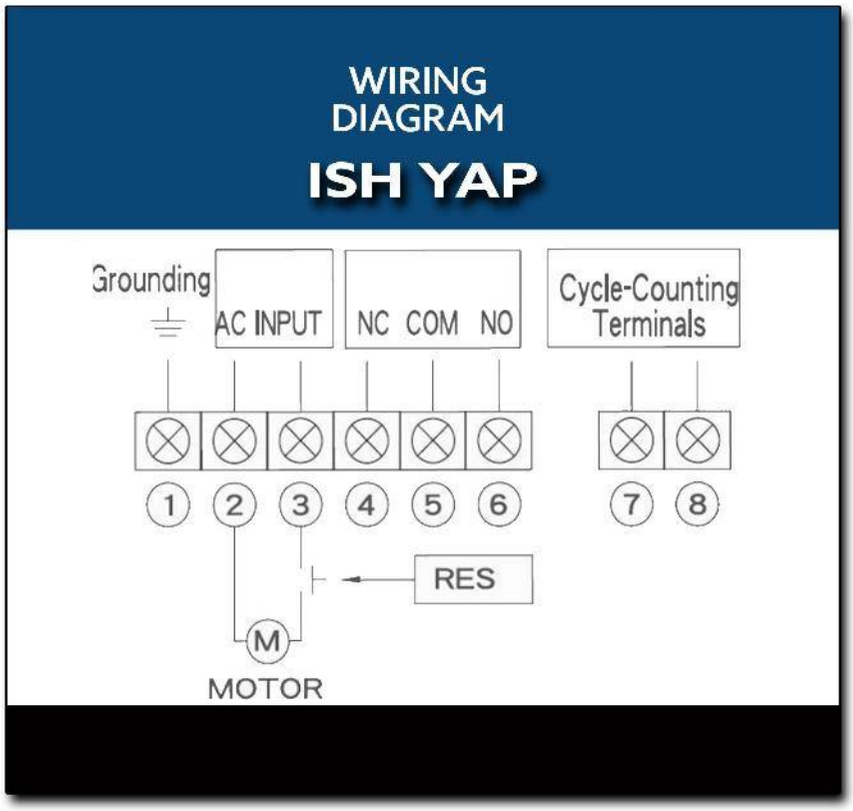

(357)
339
LUB
INT
RES
4−ø7.5


(235)
(185)
(350)
95

Characteristics & Dimensions

MODEL	ISH YAP-8
System Lubrication Type	*Resistance*
Distributor	*DB Series / DE Series / DV Series*
Voltage *(Single Phase)*	*110 volts/60Hz ó 220 volts/60Kz*
Power Consumption *(watts)*	*210.00*
Output Power *(watts)*	*90.00*
Capacity Of Terminal Output	*DV/AC 250V 3A*
Lubrication Time *(Second/Minute)*	*1 ~ 999*
Intermmitent Time *(Second/Minute/Hour/Cycle)*	*1 ~ 999*
Output Bore	*Ø4 | Ø6*
Maximum Output Pressure Mpa (Kgf/cm²)	*3.00 (30.00)*
Output Volume (cc/min)	*600.00*
Floatting Switch	*O*
Pressure Release Devices	*X (Optional)*
Pressure Switch *Kgf/cm²*	*X (Optional)*
Pressure Gauge	*O*
Alarm Beeper	*O*
Tank Capacity *(Liters)*	*8.00*
System Total Weight *(Kg)*	*10.00*
Tank Material	*Steel*

**** *All dimensions are given in millimeters.*


WIRING
DIAGRAM
ISH YAP
Grounding
AC INPUT
NC COM NO
Cycle-Counting
Terminals
1 2 3 4 5 6
7 8
RES
M
MOTOR

ISH YEL-C SERIES
SM YEL-C SERIES

FIXED FLOW ELECTRO MAGNETIC PUMP

ISH YEL-C
SM YEL-C

FIXED FLOW
ELECTRO MAGNETIC

Characteristics & Dimensions

MODEL	YEL - C
Power Consumption	*13.00*
Voltage In One Phase (Volts)	*110.00 Volts o 220.00 Volts*
Suction (M)	*1 - 15*
Outlet Maximum Presure (Kgf/cm^2)	*1.00*
Output Volume At 68 cSt (L/H)	*6.00*
Output Volume At 150 cSt (L/H)	*3.00*
Function	*Fixed Flow*

**** *All dimensions are given in millimeters.*

ISH YEL-D SERIES
SM YEL-D SERIES

ELECTRO MAGNETIC PUMP WITH ADJUSTABLE FLOW

ISH YEL-D
SM YEL-D

VARIABLE FLOW
ELECTRO MAGNETIC

Characteristics & Dimensions

MODEL	YEL - D
Power Consumption	*13.00*
Voltage In One Phase (Volts)	*110.00 Volts o 220.00 Volts*
Suction (M)	*1 - 15*
Outlet Maximum Presure (Kgf/cm^2)	*1.00*
Output Volume At 68 cSt (L/H)	*6.00*
Output Volume At 150 cSt (L/H)	*3.00*
Function	*Adjustable Flow*

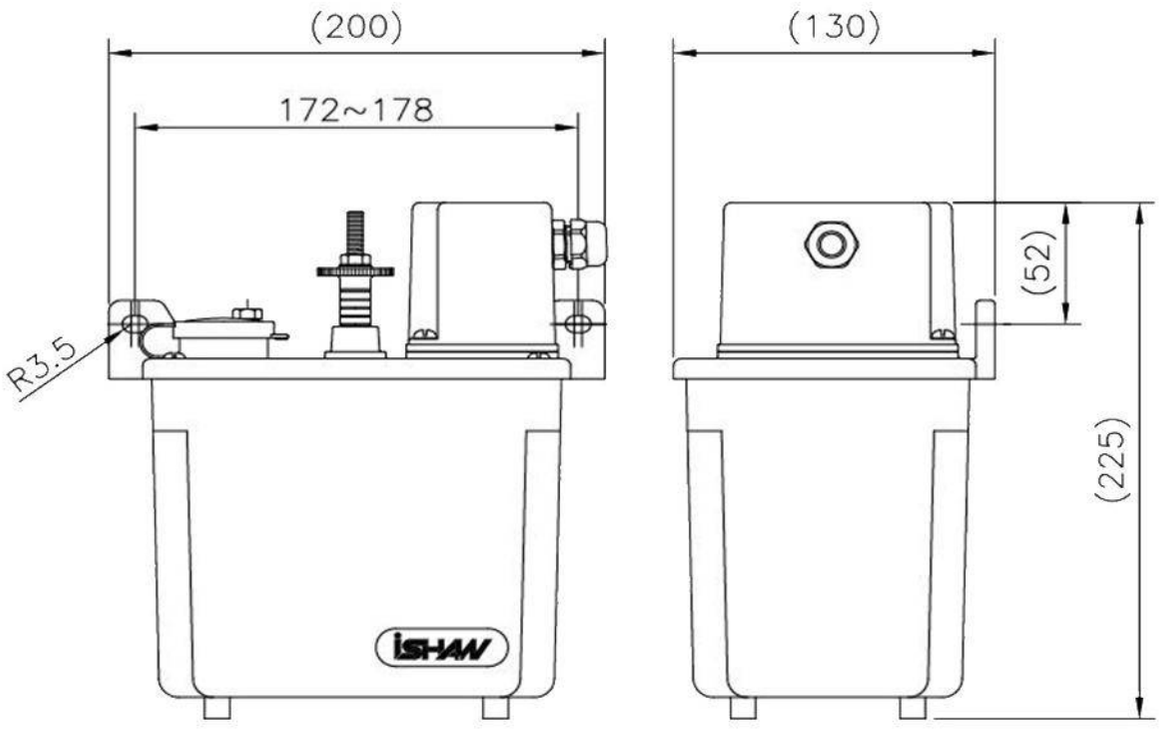
**** *All dimensions are given in millimeters.*

ISH YESA SERIES
SM YESA SERIES

AUTOMATIC LUBRICATOR

ISH YESA
SM YESA

AUTOMATIC LUBRICATOR

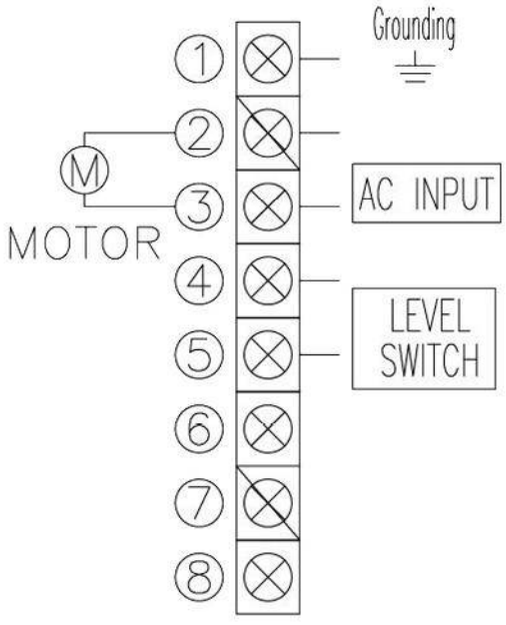

(200)
172~178
R3.5
(130)
(52)
(225)

Characteristics & Dimensions

MODEL	ISH YESA
Intermittent Time *(minutes)*	***3, 5, 10, 15, 30 & 60*** *(Without Adjustment)*
Voltage *(Single Phase)*	***110 Volts - 220 Volts***
Power Consumption *(W)*	***5.00***
Capacity Of Terminal Tank	-
Output Bore	***Ø4 - Ø6***
Floatting Switch	-
Discharge Pressure *Mpa(Kgf/cm²)*	***0.30 (3.00)***
Output Volume *(c.c./cicle)*	***3.00 ~ 6.00***
Tank Capacity *(Liters)*	***2.00***

* *Complies with* ***CE*** *(Conformité Européenne)*
** *Floatting Switch is optional.*
*** *Intermittent Time is to be determined by customer.*
**** *All dimensions are given in millimeters.*

WIRING DIAGRAMS
ISH YESA & ISH YESB SYSTEMS

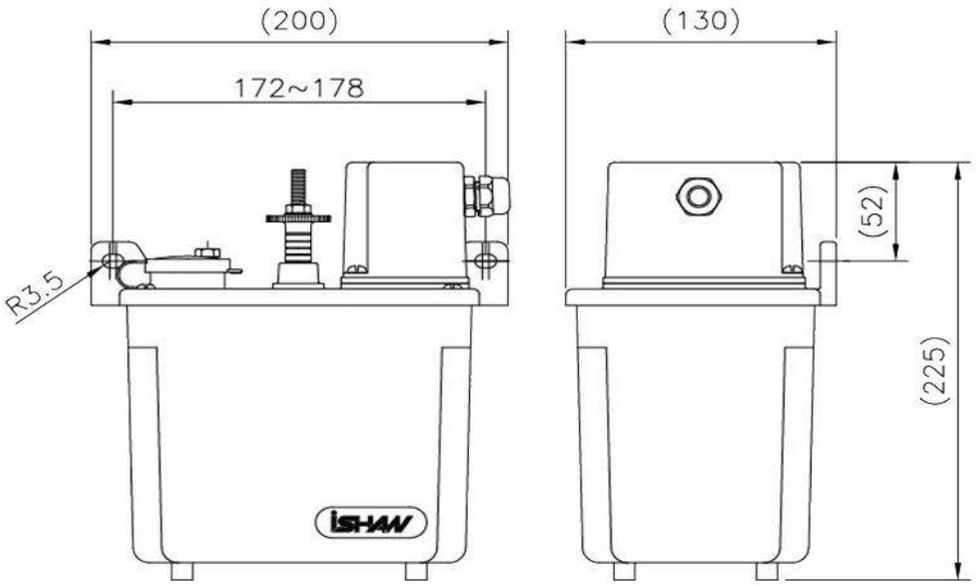


ISH YESB SERIES
SM YESB SERIES

AUTOMATIC LUBRICATOR

ISH YESB
SM YESB

MANUAL
LUBRICATION

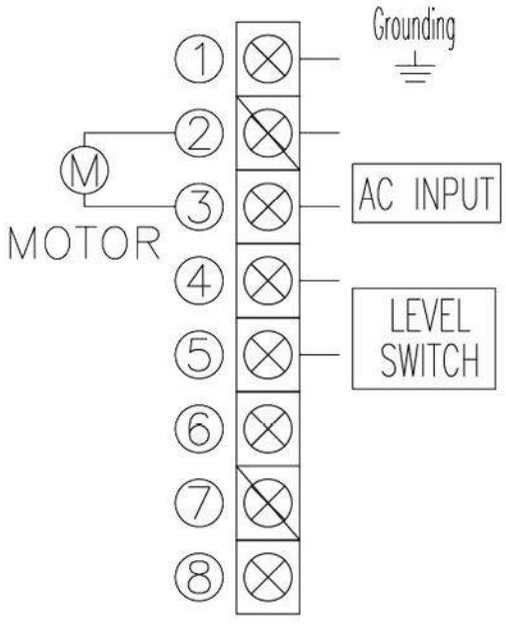

(200)
172~178
R3.5
(130)
(52)
(225)

Characteristics & Dimensions

MODEL	ISH YESB
Intermittent Time *(minutes)*	***3, 5, 10, 15, 30 & 60*** *(Without Adjustment)*
Voltage *(Single Phase)*	***110 Volts o 220 Volts***
Power Consumption *(W)*	***5.00***
Capacity Of Terminal Tank	***AC 240 V*** ***DC 200V 0.50Amp*** *(Floatting Switch)*
Output Bore	***Ø4 o Ø6***
Floatting Switch	***Included***
Discharge Pressure *Mpa(Kgf/cm²)*	***0.30 (3.00)***
Output Volume *(c.c./cicle)*	***3.00 ~ 6.00***
Tank Capacity *(Liters)*	***2.00***

* *Complies with* ***CE*** *(Conformité Européenne)*
** *Floatting Switch is optional.*
*** *Intermittent Time is to be determined by customer.*
**** *All dimensions are given in millimeters.*

WIRING DIAGRAMS
ISH YESA & ISH YESB SYSTEMS

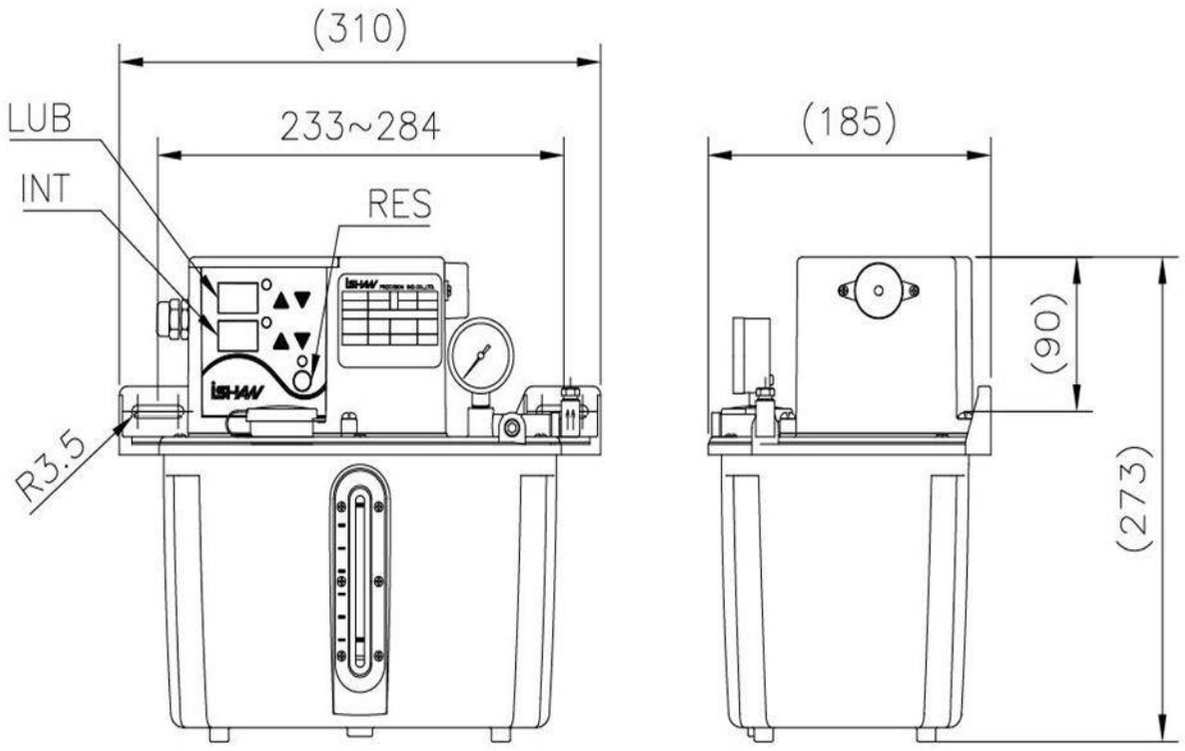


ISH YET-A1 SERIES
SM YET-A1 SERIES

RESISTANCE TYPE ELECTRICAL LUBRICANT

ISH YET-A1
SM YET-A1

RESISTANCE TYPE
ELECTRIC LUBRICATOR

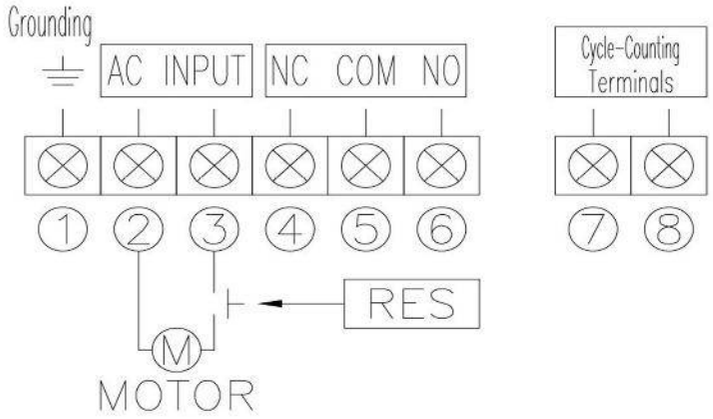

(310)
LUB
233~284
INT
RES
R3.5
(185)
(90)
(273)

Characteristics & Dimensions

MODEL	ISH YET-A1
Voltage *(Single Phase)*	***110 or 220***
Consumption Power *(watts)*	***78.00***
Output Power (Watts)	***11.00***
Terminal Output Capacity	***0.50***
Lubrication Time *(second/minute)*	***1 - 999***
Intermittence Time *(second/minute/hour/cycle)*	***1 - 999***
Output Bore	***Ø4 or Ø6***
Maximum Output Pressure *MPa (Kgf/cm²)*	***0.70 (7.00)***
Output Volume *(c.c./minute)*	***200.00***
Pressure release Device	***NOT Included***
Floating Switch	***Included***
Pressure Switch *(Kgf/cm²)*	***NOT Included***
Pressure Gauge	***Included***
Alarm Beeper	***Included***
Tank Capacity *(L)*	***2, 3 & 4 (Acrylic), 4 (Aluminum)***
Total Weight *(Kg)*	***2.70, 2.90 & 3.30, 3.70***

*** Special products can be manufactured under customer order.*
**** All dimensions are given in millimeters.*

WIRING DIAGRAM
ISH YET-A1



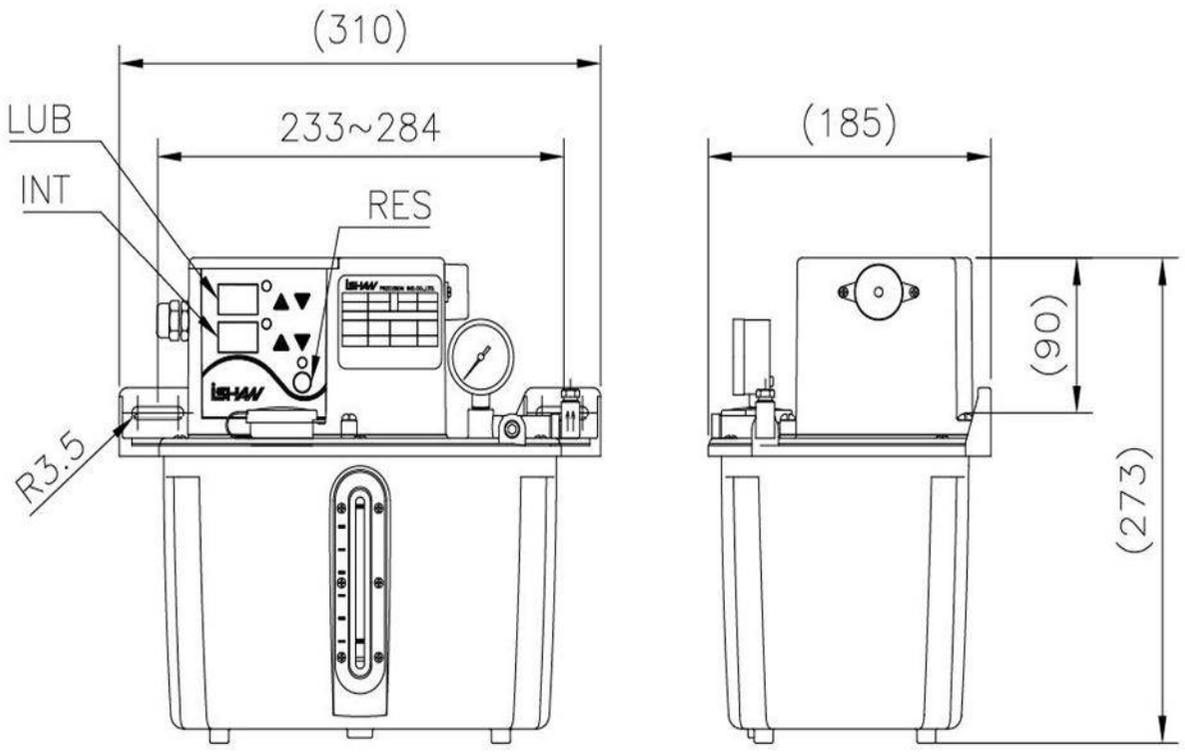
ORDERING CODE

YET - A1 P1 004 A B 0 - 1 06

Control type	Pressure monitoring	Reservoir	Reservoir material	Mounting	Oil return device	Voltage	Output bore
A1 = Digital timer	P1 = with Null = without	002 = 2L 003 = 3L 004 = 4L 006 = 6L 008 = 8L	P = Resin (2/3/4L) S = Steel (6L up) A = Aluminum (Only 4L)	B= Rear bracket	0 = without	1 = 110V 2 = 220V	04 = 4mm 06 = 6mm

ISH YET-A1P1
SM YET-A1P1

RESISTANCE TYPE
ELECTRIC LUBRICATOR

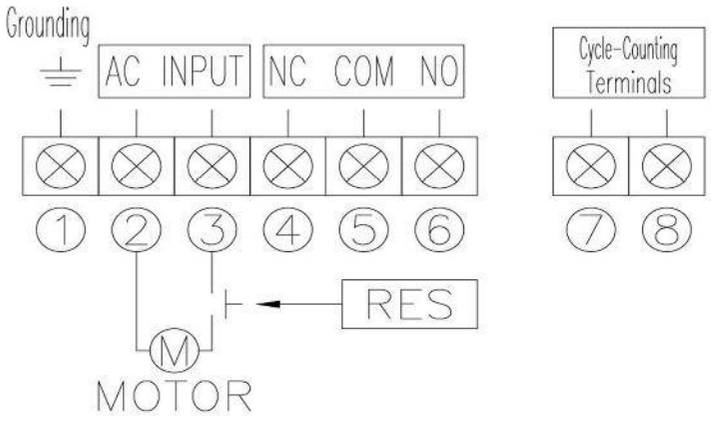

(310)
LUB
233~284
INT
RES
R3.5
(185)
(90)
(273)

Characteristics & Dimensions

MODEL	ISH YET-A1P1
Voltage *(Single Phase)*	***110 or 220***
Consumption Power *(watts)*	***78.00***
Output Power (Watts)	***11.00***
Terminal Output Capacity	***0.50***
Lubrication Time *(second/minute)*	***1 - 999***
Intermittence Time *(second/minute/hour/cycle)*	***1 - 999***
Output Bore	***Ø4 or Ø6***
Maximum Output Pressure *MPa (Kgf/cm²)*	***0.70 (7.00)***
Output Volume *(c.c./minute)*	***200.00***
Pressure release Device	***NOT Included***
Floating Switch	***Included***
Pressure Switch *(Kgf/cm²)*	***Included***
Pressure Gauge	***Included***
Alarm Beeper	***Included***
Tank Capacity *(L)*	***2, 3 & 4 (Acrylic), 4 (Aluminum)***
Total Weight *(Kg)*	***2.70, 2.90 & 3.30, 3.70***

*** Special products can be manufactured under customer order.*
**** All dimensions are given in millimeters.*

WIRING DIAGRAM
ISH YET-A1P1



ORDERING CODE

YET - A1 P1 004 A B 0 - 1 06

Control type	Pressure monitoring	Reservoir	Reservoir material	Mounting	Oil return device	Voltage	Output bore
A1 = Digital timer	P1 = with Null = without	002 = 2L 003 = 3L 004 = 4L 006 = 6L 008 = 8L	P = Resin (2/3/4L) S = Steel (6L up) A = Aluminum (Only 4L)	B= Rear bracket	0 = without	1 = 110V 2 = 220V	04 = 4mm 06 = 6mm

ISH YET-A2 SERIES
SM YET-A2 SERIES

VOLUMETRIC TYPE ELECTRIC PISTON LUBRICANT

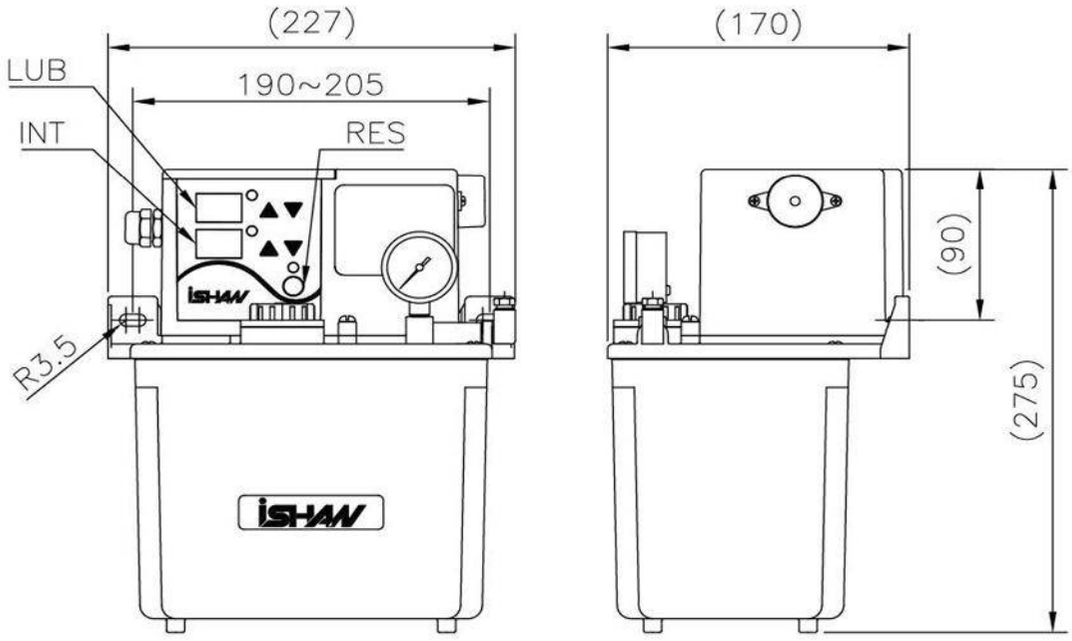
ISH YET-A2
SM YET-A2

VOLUMETRIC TYPE PISTON ELECTRIC LUBRICATOR

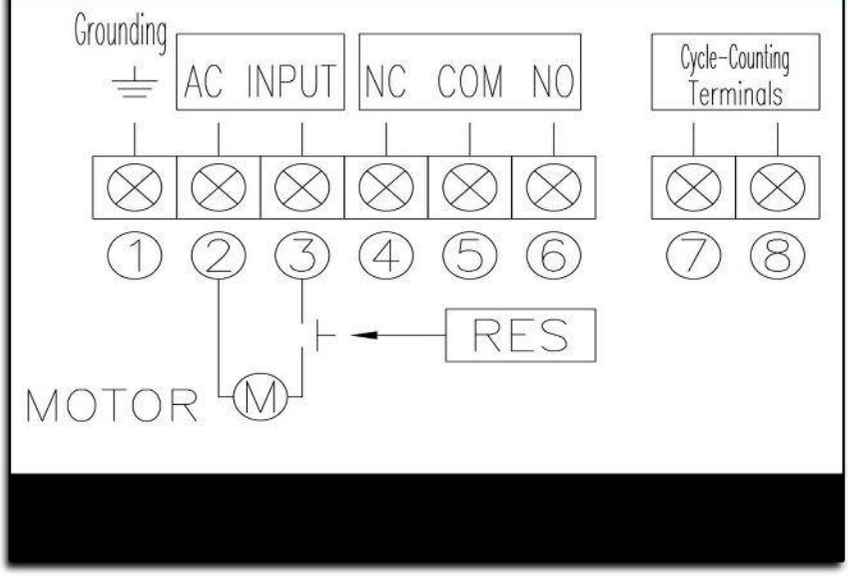
Characteristics & Dimensions

MODEL	ISH YET-A2
Voltage (Single Phase)	*110 Volts or 220 Volts*
Consumption Power (watts)	*78.00*
Output Power (Watts)	*11.00*
Terminal Output Capacity	*0.50*
Lubrication Time (second/minute)	*1-999*
Intermittence Time (second/minute/hour/cycle)	*1-999*
Output Bore	*Ø4 ó Ø6*
Maximum Output Pressure MPa (Kgf/cm^2)	*1.50 (15.00)*
Output Volume (c.c./minute)	*150.00*
Pressure Release Device	*Included*
Floating Switch	*Included*
Pressure Switch (Kgf/cm^2)	*NOT Included*
Pressure Gauge	*Included*
Alarm Beeper	*Included*
Tank Capacity (L)	*2, 3 & 4*
Total Weight (kg)	*2.70, 2.90 & 3.30*

*** Special characteristics can be applied to device by customers request.*
**** All dimensions are given in millimeters.*


(227)
LUB
190~205
INT
RES
R3.5
(170)
(90)
(275)

WIRING DIAGRAM
ISH YET-A2



ORDERING CODE

YET - A2 P2 003 P B 0 - 1 06

Control type	Pressure swith	Reservoir	Reservoir material	Mounting	Oil return device	Voltage	Output bore
A2 = Digital timer	P2 = with Null = without	002 = 2L 003 = 3L 004 = 4L 006 = 6L 008 = 8L	P = Resin (2/3/4L) S = Steel (6L up) A = Aluminum (Only 4L)	B= Rear bracket	0 = without	1 = 110V 2 = 220V	04 = 4mm 06 = 6mm

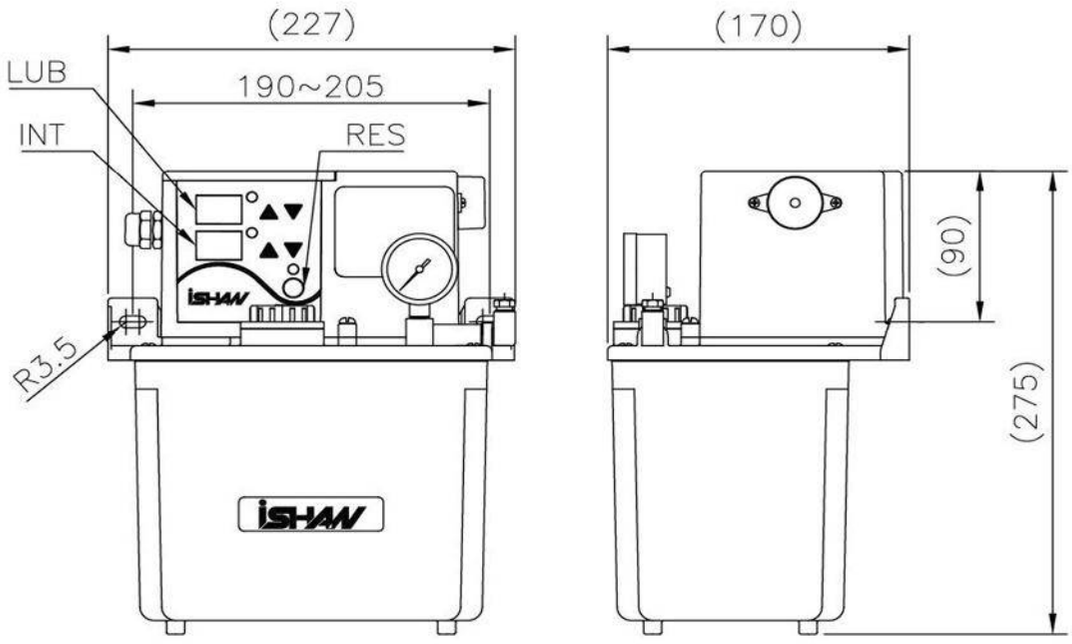
ISH YET-A2P2
SM YET-A2P2

VOLUMETRIC TYPE PISTON ELECTRIC LUBRICATOR

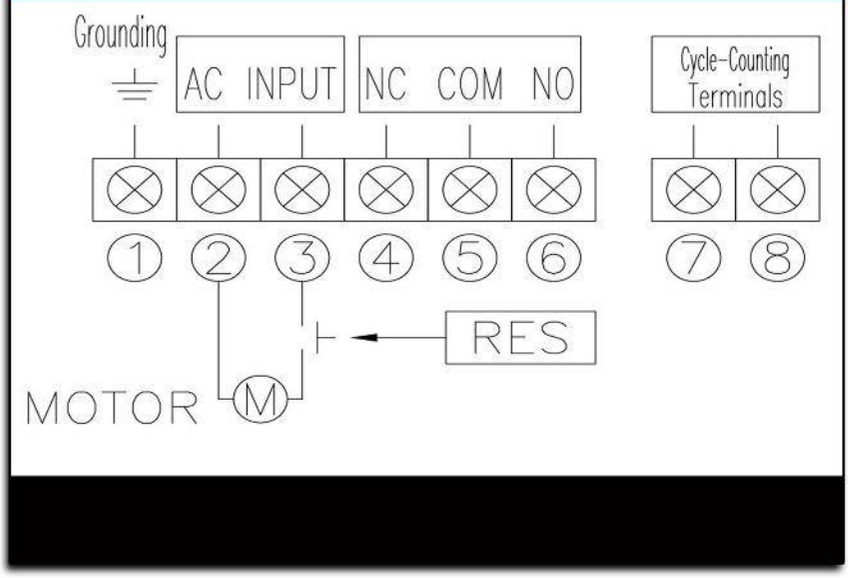
Characteristics & Dimensions

MODEL	ISH YET-A2P2
Voltage (Single Phase)	*110 Volts or 220 Volts*
Consumption Power (watts)	*78.00*
Output Power (Watts)	*11.00*
Terminal Output Capacity	*0.50*
Lubrication Time (second/minute)	*1-999*
Intermittence Time (second/minute/hour/cycle)	*1-999*
Output Bore	*Ø4 ó Ø6*
Maximum Output Pressure MPa (Kgf/cm^2)	*1.50 (15.00)*
Output Volume (c.c./minute)	*150.00*
Pressure Release Device	*Included*
Floating Switch	*Included*
Pressure Switch (Kgf/cm^2)	*12.00 ~ 9.00*
Pressure Gauge	*Included*
Alarm Beeper	*Included*
Tank Capacity (L)	*2, 3 & 4*
Total Weight (kg)	*2.70, 2.90 & 3.30*

*** Special characteristics can be applied to device by customers request.*
**** All dimensions are given in millimeters.*


(227)
LUB
190~205
INT
RES
R3.5
(170)
(90)
(275)

WIRING DIAGRAM
ISH YET-A2P2



ORDERING CODE

YET - A2 P2 003 P B 0 - 1 06

Control type	Pressure swith	Reservoir	Reservoir material	Mounting	Oil return device	Voltage	Output bore
A2 = Digital timer	P2 = with Null = without	002 = 2L 003 = 3L 004 = 4L 006 = 6L 008 = 8L	P = Resin (2/3/4L) S = Steel (6L up) A = Aluminum (Only 4L)	B= Rear bracket	0 = without	1 = 110V 2 = 220V	04 = 4mm 06 = 6mm

ISH YET-C1 SERIES
SM YET-C1 SERIES

RESISTANCE TYPE ELECTRICAL LUBRICANT

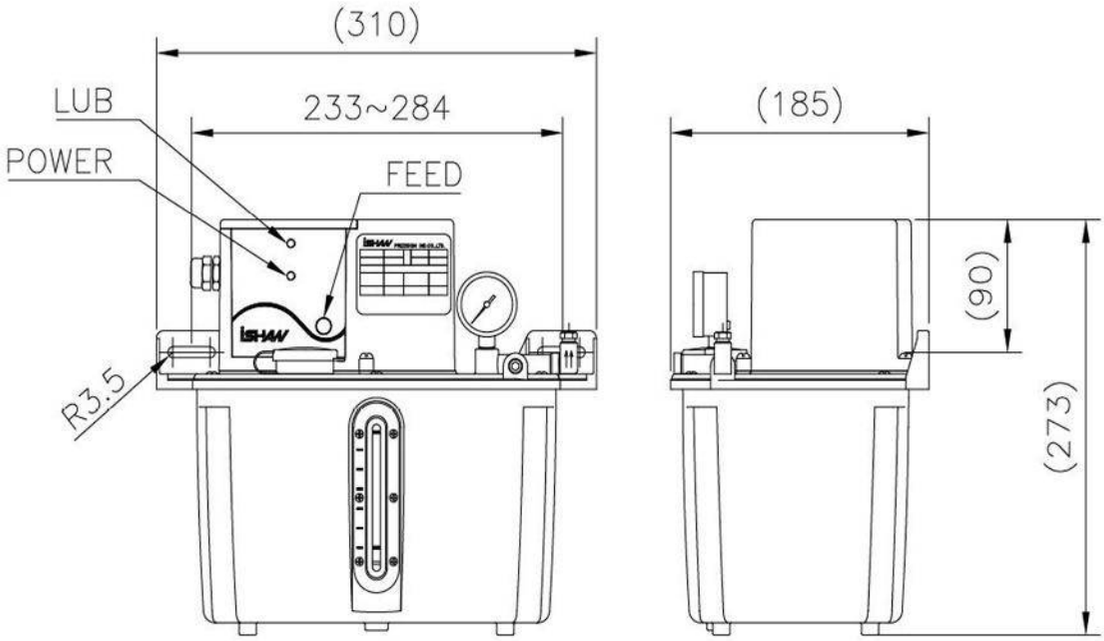
ISH YET-C1
SM YET-C1

RESISTANCE TYPE
ELECTRIC LUBRICATION

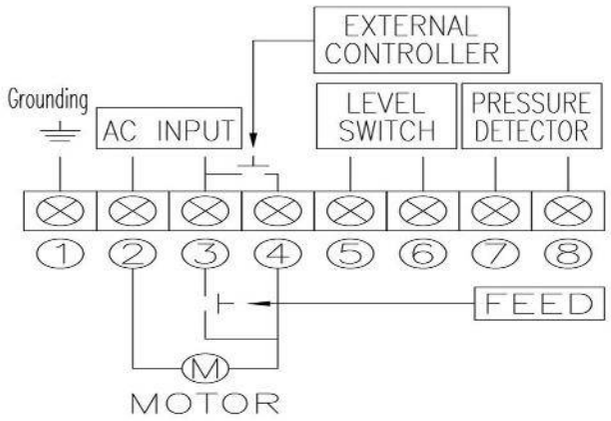
Characteristics & Dimensions

Model	ISH YET-C1
Voltage *(Single Phase)*	*110 or 220*
Consumption Power *(watts)*	*64.00*
Output Power (Watts)	*8.00*
Terminal Output Capacity	*AC 240V/DC 200V 0.50 Amp (Floating Switch) DC 12V 3 Amp (Pressure Switch)*
Lubrication Time *(second/minute)*	*In Cooperation With PLC Control System*
Intermittence Time *(second/minute/hour/cycle)*	*In Cooperation With PLC Control System*
Output Bore	*Ø4 or Ø6*
Maximum Output Pressure *MPa (Kgf/cm²)*	*0.60 (6.00)*
Output Volume *(c.c./minute)*	*200.00*
Pressure release Device	*NOT Included*
Floating Switch	*Included*
Pressure Switch *(Kgf/cm²)*	*NOT Included*
Pressure Gauge	*Included*
Alarm Beeper	*NOT Included*
Tank Capacity *(L)*	*2L, 3L & 4L (Resin), 4L (Aluminum)*
Total Weight *(Kg)*	*2.60, 2.90 & 3.20 3.60*

*** Special products can be manufactured under customer order.*
**** All dimensions are given in millimeters.*


(310)
LUB
233~284
POWER
FEED
R3.5
(185)
(90)
(273)

WIRING DIAGRAM
ISH YET-C1



ORDERING CODE

YET - C1 P1 004 A B 0 - 1 06

Control type	Pressure monitoring	Reservoir	Reservoir material	Mounting	Oil return device	Voltage	Output bore
C1 = PLC	P1 = with Null = without	002 = 2L 003 = 3L 004 = 4L 006 = 6L 008 = 8L	P = Resin (2/3/4L) S = Steel (6L up) A = Aluminum (Only 4L)	B= Rear bracket	0 = without	1 = 110V 2 = 220V	04 = 4mm 06 = 6mm

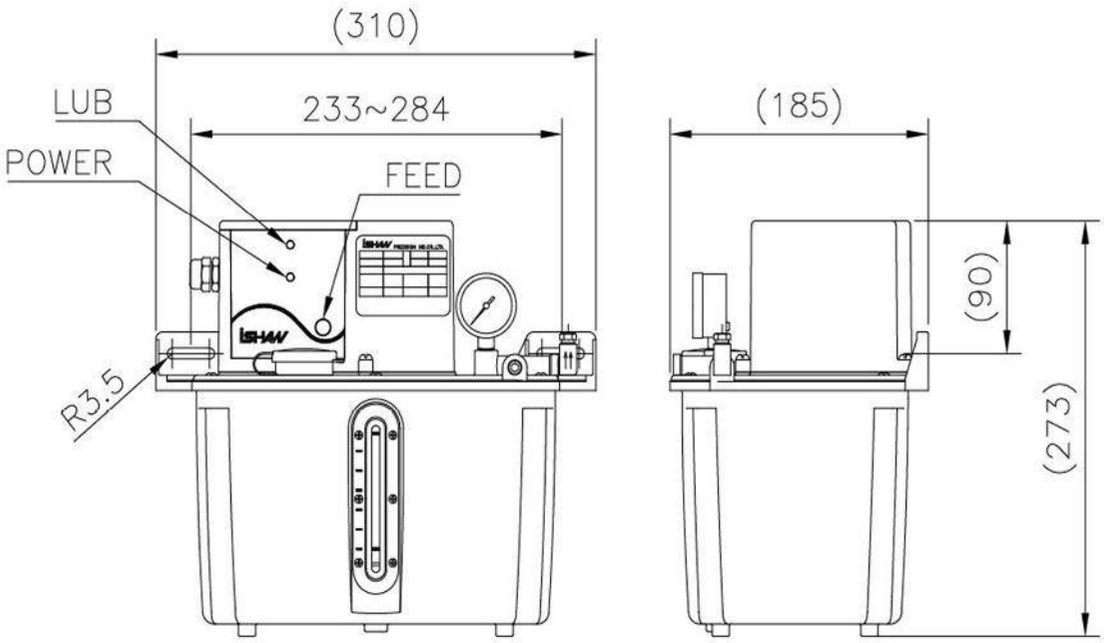
ISH YET-C1P1
SM YET-C1P1

RESISTANCE TYPE
ELECTRIC LUBRICATION

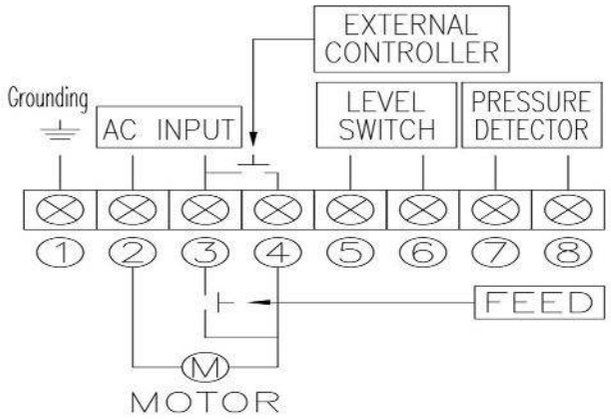
Characteristics & Dimensions

Model	ISH YET-C1P1
Voltage *(Single Phase)*	*110 or 220*
Consumption Power *(watts)*	*64.00*
Output Power (Watts)	*8.00*
Terminal Output Capacity	*AC 240V/DC 200V 0.50 Amp (Floating Switch) DC 12V 3 Amp (Pressure Switch)*
Lubrication Time *(second/minute)*	*In Cooperation With PLC Control System*
Intermittence Time *(second/minute/hour/cycle)*	*In Cooperation With PLC Control System*
Output Bore	*Ø4 or Ø6*
Maximum Output Pressure *MPa (Kgf/cm²)*	*0.60 (6.00)*
Output Volume *(c.c./minute)*	*200.00*
Pressure release Device	*NOT Included*
Floating Switch	*Included*
Pressure Switch *(Kgf/cm²)*	*Included*
Pressure Gauge	*Included*
Alarm Beeper	*NOT Included*
Tank Capacity *(L)*	*2L, 3L & 4L (Resin), 4L (Aluminum)*
Total Weight *(Kg)*	*2.60, 2.90 & 3.20 3.60*

*** Special products can be manufactured under customer order.*
**** All dimensions are given in millimeters.*


(310)
LUB
233~284
POWER
FEED
R3.5
(185)
(90)
(273)

WIRING DIAGRAM
ISH YET-C1P1



ORDERING CODE

YET - C1 P1 004 A B 0 - 1 06

Control type	Pressure monitoring	Reservoir	Reservoir material	Mounting	Oil return device	Voltage	Output bore
C1 = PLC	P1 = with Null = without	002 = 2L 003 = 3L 004 = 4L 006 = 6L 008 = 8L	P = Resin (2/3/4L) S = Steel (6L up) A = Aluminum (Only 4L)	B= Rear bracket	0 = without	1 = 110V 2 = 220V	04 = 4mm 06 = 6mm

ISH YET-C2 SERIES
SM YET-C2 SERIES

VOLUMETRIC TYPE ELECTRIC PISTON LUBRICANT

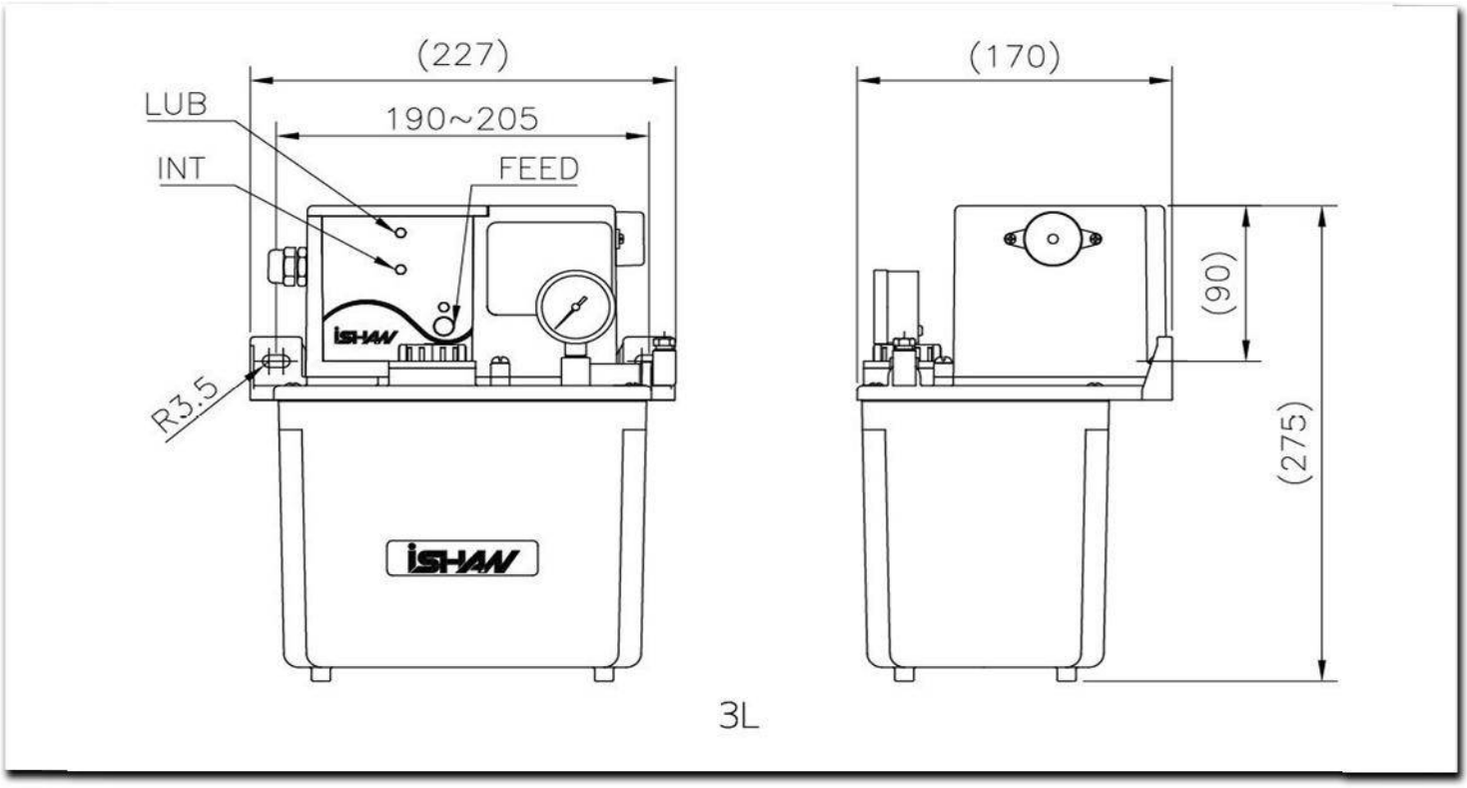
ISH YET-C2
SM YET-C2

VOLUMETRIC TYPE
ELECTRIC LUBRICATOR

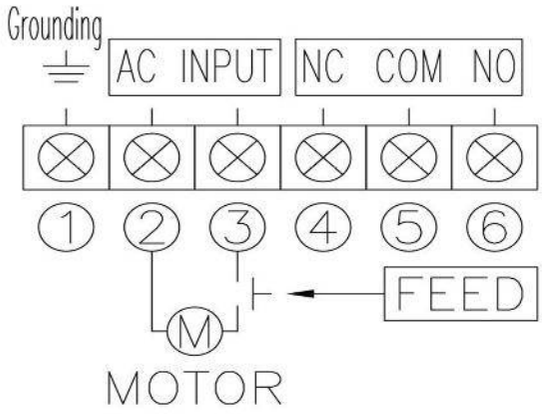
Characteristics & Dimensions

MODEL	ISH YET-C2
Voltage (Single Phase)	*110 or 220*
Consumption Power (watts)	*78.00*
Output Power (Watts)	*11.00*
Terminal Output Capacity	*AC 240V/DC 200V 0.50 Amp (Floating Switch) DC 12V 3 Amp (Pressure Switch)*
Lubrication Time (second/minute)	*In Cooperation With PLC Control System*
Intermittence Time (second/minute/hour/cycle)	*In Cooperation With PLC Control System*
Output Bore	*Ø4 or Ø6*
Maximum Output Pressure MPa (Kgf/cm^2)	*1.50 (15.00)*
Output Volume (c.c./minute)	*150.00*
Pressure release Device	*Included*
Floating Switch	*Included*
Pressure Switch (Kgf/cm^2)	*NOT Included*
Pressure Gauge	*Included*
Alarm Beeper	*NOT Included*
Tank Capacity (L)	*2L, 3L & 4L (Resin), 4L (Aluminum)*
Total Weight (kg)	*2.60, 2.90, 3.20 & 3.60*

*** Special characteristics can be applied to device by customers request.*
**** All dimensions are given in millimeters.*


(227)
LUB
190~205
INT
FEED
R3.5
(170)
(90)
(275)
3L

WIRING DIAGRAM
ISH YET-C2



ORDERING CODE

YET - C2 P2 003 P B 0 - 1 06

Control type	Pressure swith	Reservoir	Reservoir material	Oil return device	Mounting	Voltage	Output bore
C2 = PLC	P2 = with Null = without	002 = 2L 003 = 3L 004 = 4L 006 = 6L 008 = 8L	P = Resin (2/3/4L) S = Steel (6L up) A = Aluminum (Only 4L)	0 = without	B= Rear bracket	1 = 110V 2 = 220V	04 = 4mm 06 = 6mm

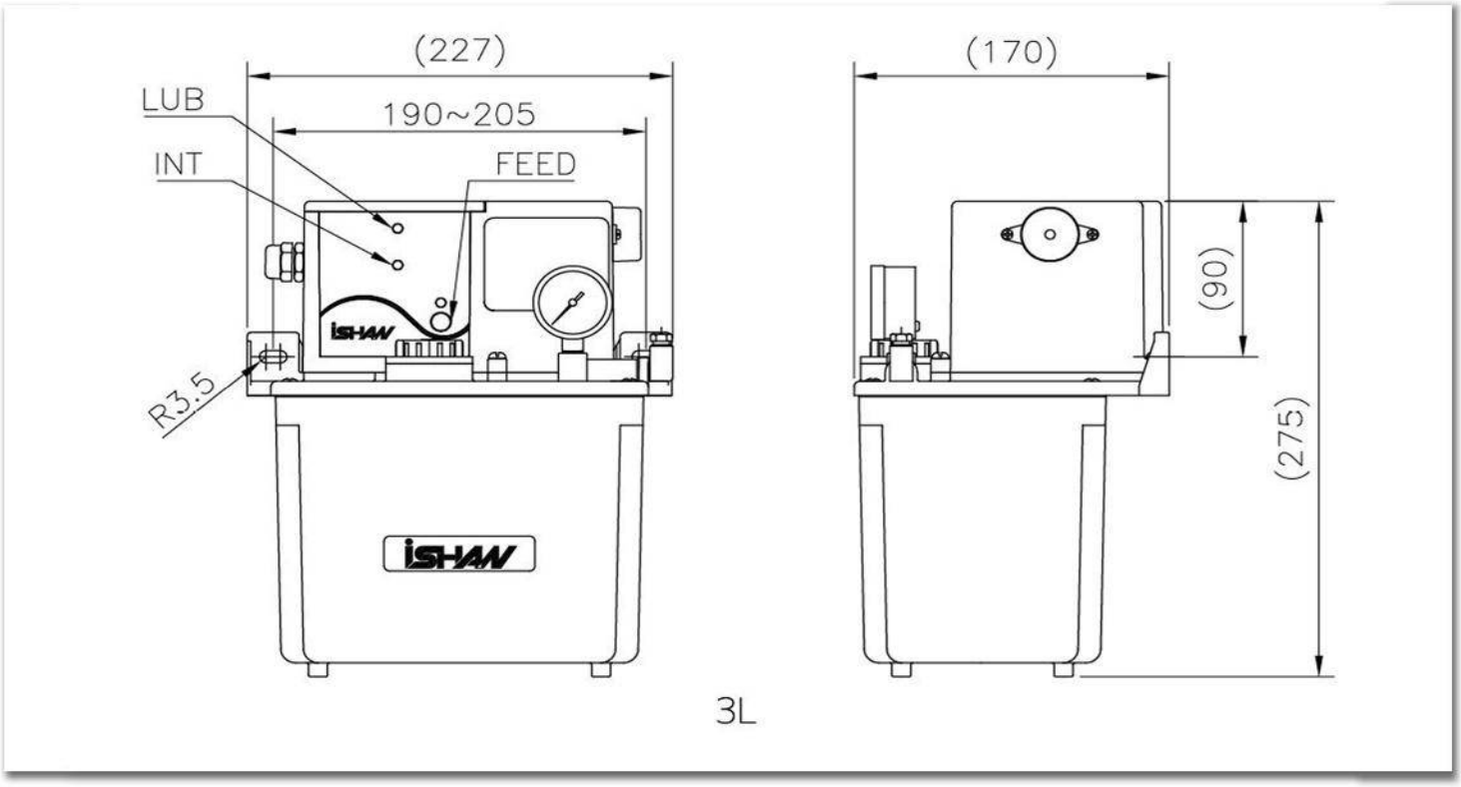
ISH YET-C2P2
SM YET-C2P2

VOLUMETRIC TYPE
ELECTRIC LUBRICATOR

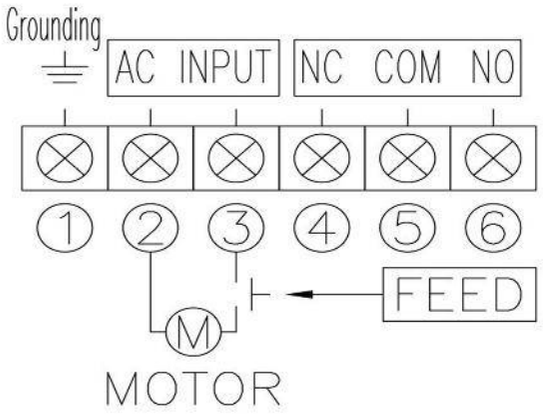
Characteristics & Dimensions

MODEL	ISH YET-C2P2
Voltage (Single Phase)	*110 or 220*
Consumption Power (watts)	*78.00*
Output Power (Watts)	*11.00*
Terminal Output Capacity	*AC 240V/DC 200V 0.50 Amp (Floating Switch) DC 12V 3 Amp (Pressure Switch)*
Lubrication Time (second/minute)	*In Cooperation With PLC Control System*
Intermittence Time (second/minute/hour/cycle)	*In Cooperation With PLC Control System*
Output Bore	*Ø4 or Ø6*
Maximum Output Pressure MPa (Kgf/cm^2)	*1.50 (15.00)*
Output Volume (c.c./minute)	*150.00*
Pressure release Device	*Included*
Floating Switch	*Included*
Pressure Switch (Kgf/cm^2)	*12.00 ~ 9.00*
Pressure Gauge	*Included*
Alarm Beeper	*NOT Included*
Tank Capacity (L)	*2L, 3L, 4L (Resin) & 4L (Aluminum)*
Total Weight (kg)	*2.60, 2.90, 3.20 & 3.60*

*** Special characteristics can be applied to device by customers request.*
**** All dimensions are given in millimeters.*


(227)
LUB
190~205
INT
FEED
R3.5
(170)
(90)
(275)
3L

WIRING DIAGRAM
ISH YET-C2P2



ORDERING CODE

YET - C2 P2 003 P B 0 - 1 06

Tipo De Control	Interruptor De Presión	Deposito	Material Del Deposito	Deposito De Retorno De Aceite	Montaje	Voltaje	Diametro De Salida
C2 = Mediante PLC	P2 = Incluido Ø = NO Incluido	002 = 2 Litros 003 = 3 Litros 004 = 4 Litros 006 = 6 Litros 008 = 8 Litros	P = Resina (2/3/4 Litros) S = Acero (6 Litros y mayores) A= Aluminio (Unicamente 4 Litros)	0 = NO Incluido	B = Montura Trasera	1 = 110 volts 2 = 220 volts	04 = 4mm 06 = 6mm

ISH YET-D1 SERIES
SM YET-D1 SERIES

ELECTRICAL RESISTANCE TYPE LUBRICANT

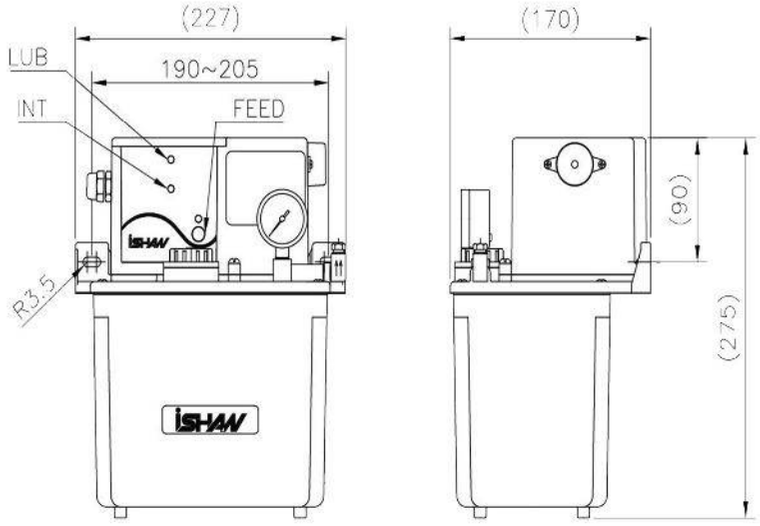
ISH YET-D1
SM YET-D1

RESISTENCE TYPE LUBRICATOR

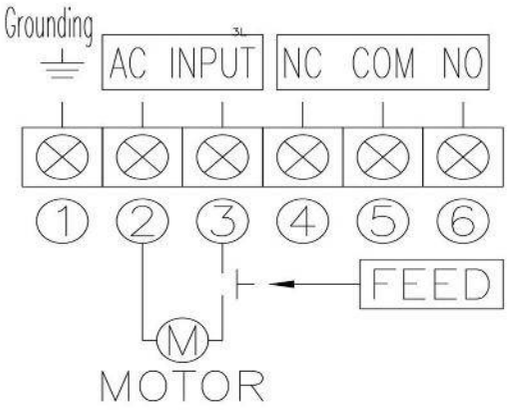
Características Y Dimensiones

Modelo	ISH YET-D1
Voltaje En Una Sola Fase *(volts)*	*110 ó 220*
Consumo De Potencia *(Watts)*	*64.00*
Salida De Potencia *(Watts)*	*8.00*
Capacidad De Salida Terminal	*0.50 Amp*
Tiempo De Lubricacion (segundo / minuto)	*3/5/10/15/20/30/40/50*
Tiempo De Intermitencia *(segundo/minuto/hora/ciclo)*	*5/10/15/20/35/40/50/60/70/90/100*
Diametro De Salida *(mm)*	*Ø4 ó Ø6*
Presión Máxima De Salida Mpa *(kgf/cm²)*	*0.60 (6.00)*
Volumen De Salida (c.c. / min)	*200.00*
Dispositivo De Liberacón De Presión	*NO Incluido*
Interruptor De Flotación	*Incluido*
Interruptor De Presión *(kgf/cm²)*	*NO Incluido*
Medidor De Presión	*Incluido*
Alarma Auditiva	*Incluido*
Capacidad Del Deposito De Lubricante *(L)*	*2, 3 & 4 En Resina* *4 En Aluminio*
Peso Del Dispositivo *(kg)*	*2.70, 2.9 & 3.00* *3.50 (Aluminio)*

**** Pueden ser producidos modelos especiales de acuerdo a solicitud del cliente.*
***** Todas las dimensiones estan dadas en milimetros.*


(227)
LUB
190~205
INT
FEED
R3.5
(170)
(90)
(275)

WIRING DIAGRAM
ISH YET-D1



ORDERING CODE

YET - D2 003 P B 0 - 1 06

Control type	Reservoir	Reservoir material	Mounting	Oil return device	Voltage	Output bore
D2 = Dip timer	002 = 2L 003 = 3L 004 = 4L 006 = 6L 008 = 8L	P = Resin (2/3/4L) S = Steel (6L up) A = Aluminum (Only 4L)	B= Rear bracket	0 = without	1 = 110V 2 = 220V	04 = 4mm 06 = 6mm

ISH YET-D2 SERIES
SM YET-D2 SERIES

VOLUMETRIC TYPE ELECTRIC PISTON LUBRICANT

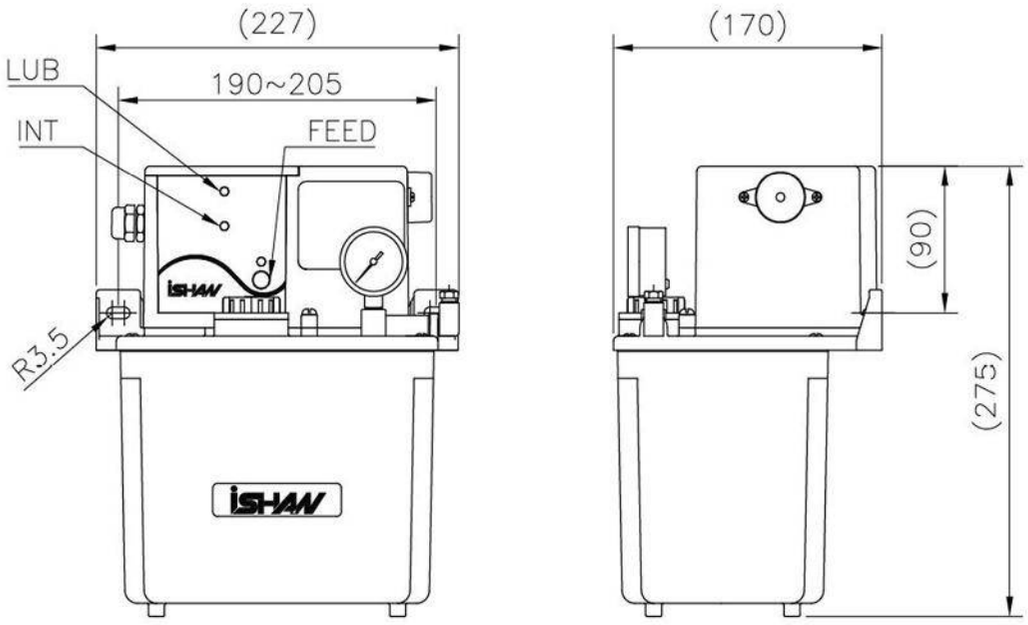
ISH YET-D2
SM YET-D2

RESISTANCE TYPE
ELECTRIC LUBRICATOR

Characteristics & Dimensions

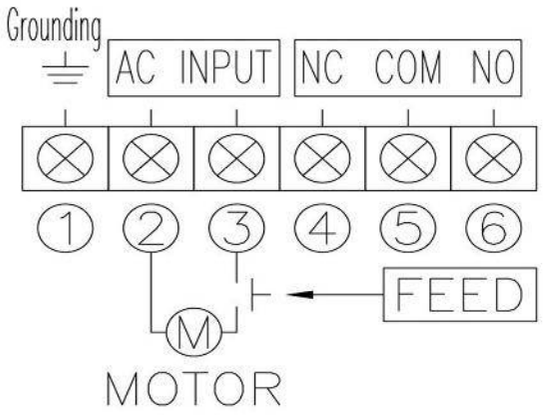
Model	ISH YET-D2
Voltage (Single Phase)	*110 or 220*
Consumption Power (watts)	*78.00*
Output Power (Watts)	*11.00*
Terminal Output Capacity	*0.5 A*
Lubrication Time (second/minute)	*3 / 5 / 10 / 15 / 20 / 30 / 40 / 50*
Intermittence Time (second/minute/hour/cycle)	*5 / 10 / 15 / 20 / 35 / 40 / 50 / 60 / 70 / 90 / 100*
Output Bore	*Ø4 or Ø6*
Maximum Output Pressure MPa (Kgf/cm^2)	*1.50 (15.00)*
Output Volume (c.c./minute)	*150.00*
Pressure release Device	*Included*
Floating Switch	*Included*
Pressure Switch (Kgf/cm^2)	*NOT Included*
Pressure Gauge	*Included*
Alarm Beeper	*Included*
Tank Capacity (L)	*2L, 3L, 4L (Resin) & 4L (Aluminum)*
Total Weight (kg)	*2.70, 2.90, 3.00 & 3.50*

*** Special characteristics can be applied to device by customers request.*
**** All dimensions are given in millimeters.*


(227)
LUB
190~205
INT
FEED
R3.5
(170)
(90)
(275)

WIRING DIAGRAM

ISH YET-D2



ORDERING CODE

YET - D2 003 P B 0 - 1 06

Control type	Reservoir	Reservoir material	Mounting	Oil return device	Voltage	Output bore
D2 = Dip timer	002 = 2L 003 = 3L 004 = 4L 006 = 6L 008 = 8L	P = Resin (2/3/4L) S = Steel (6L up) A = Aluminum (Only 4L)	B= Rear bracket	0 = without	1 = 110V 2 = 220V	04 = 4mm 06 = 6mm

ISH YET-E SERIES
SM YET-E SERIES

ELECTRICAL RESISTANCE TYPE LUBRICANT

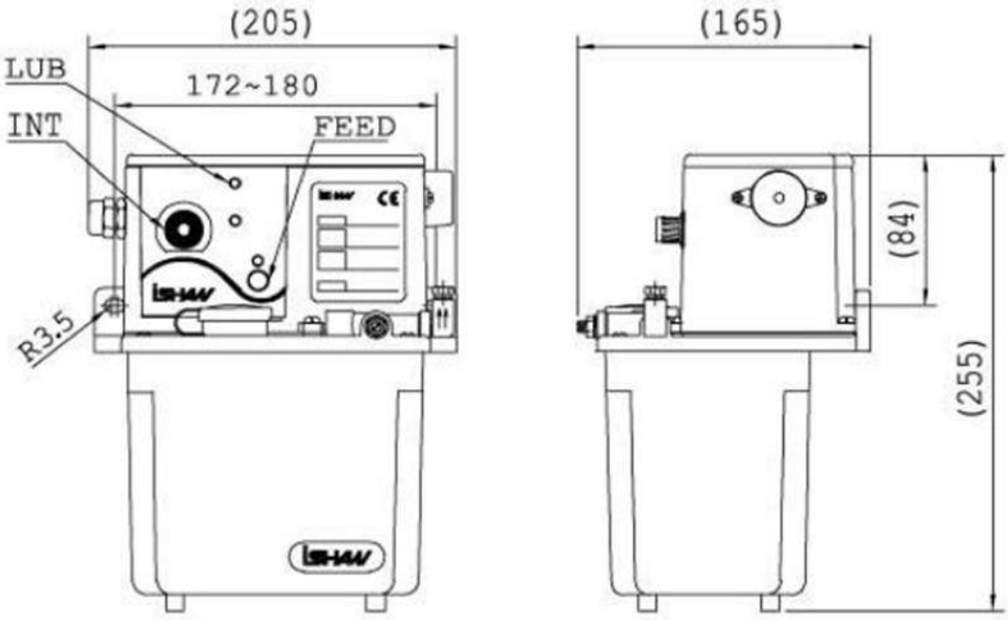
ISH YET-E
SM YET-E

RESISTANCE LUBRICATION UNIT

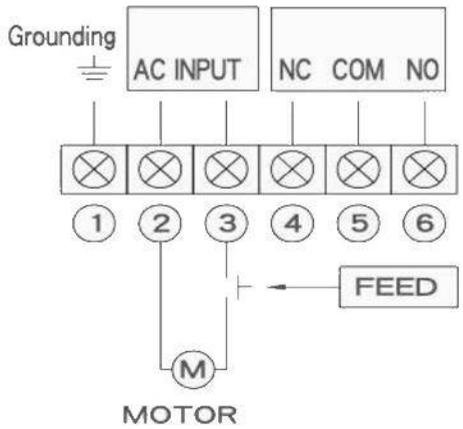
Características Y Dimensiones

Modelo	ISH YET-E		
Voltaje En Una Sola Fase *(volts)*	*110 ó 220*		
Consumo De Potencia *(Watts)*	*80.00*		
Salida De Potencia *(Watts)*	*-*		
Capacidad De Salida Terminal	*3.00 Amp*		
Tiempo De Lubricacion *(segundos)*	*-*		
Tiempo De Intermitencia *(minutos)*	*0.00 ~ 60.00*		
Diametro De Salida *(mm)*	*Ø4 ó Ø6*		
Presión Máxima De Salida Mpa *(kgf/cm²)*	*0.70 (7.00)*		
Volumen De Salida (c.c. / min)	*6.00 (Estandars) | 15.00 (Opcional)*		
Dispositivo De Liberacón De Presión	*NO Incluido*		
Interruptor De Flotación	*Incluido*		
Interruptor De Presión *(kgf/cm²)*	*NO Incluido*		
Medidor De Presión	*NO Incluido*	*Incluido*	*Incluido*
Alarma Auditiva	*NO Incluido*		
Capacidad Del Deposito De Lubricante *(L)*	*2.00*	*3.00*	*4 En Aluminio*
Peso Del Dispositivo *(kg)*	*2.60*	*2.90*	*3.60*

**** Pueden ser producidos modelos especiales de acuerdo a solicitud del cliente.*
***** Todas las dimensiones estan dadas en milimetros.*


(205)
LUB
172~180
INT
FEED
R3.5
(165)
(84)
(255)

WIRING DIAGRAM
ISH YET-E



ISH YET-N SERIES
SM YET-N SERIES

RESISTANCE TYPE LUBRICATION UNIT

ISH YET-N
SM YET-N

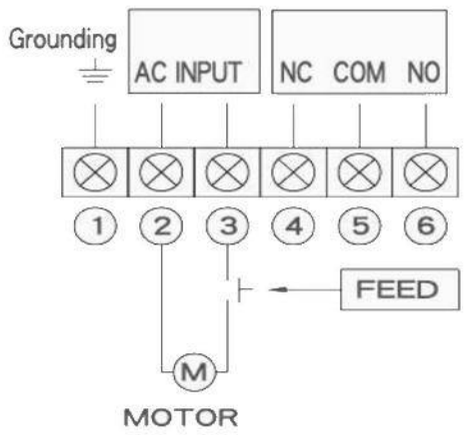
RESISTANCE TYPE
LUBRICATING UNIT

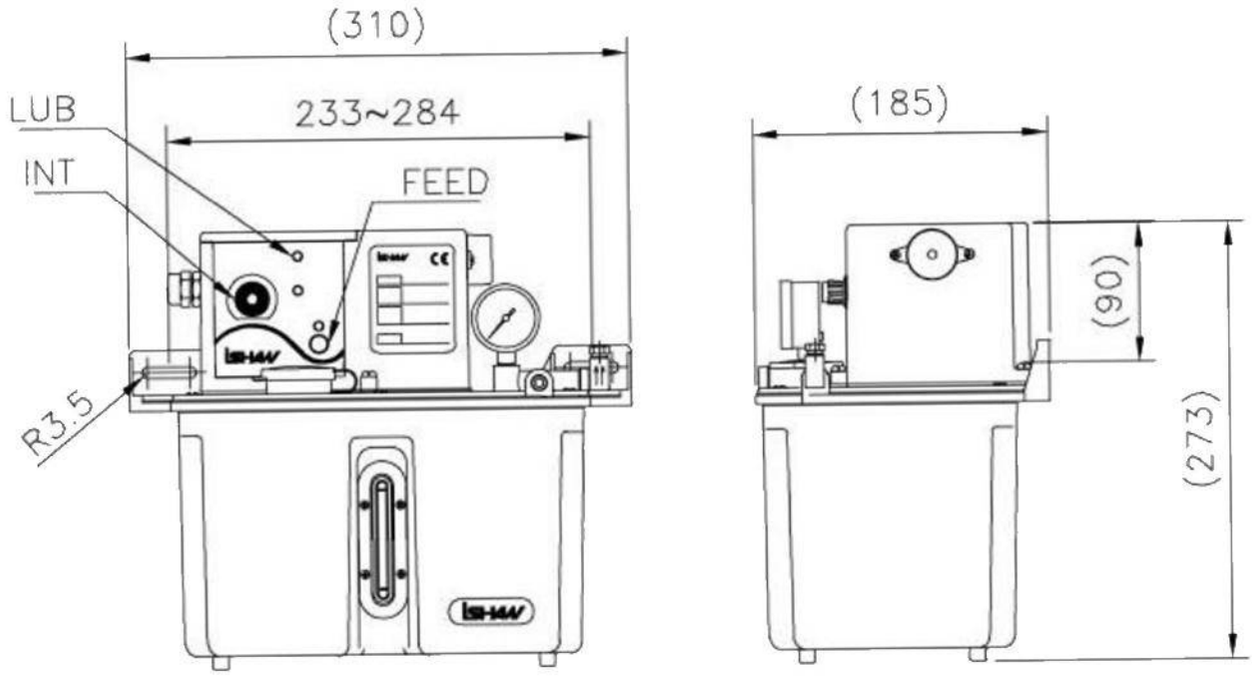
Características Y Dimensiones

Modelo	ISH YET-N		
Voltaje En Una Sola Fase *(volts)*	*110 ó 220*		
Consumo De Potencia *(Watts)*	*80.00*		
Salida De Potencia *(Watts)*	*11.00*		
Capacidad De Salida Terminal	*3.00 Amp*		
Tiempo De Lubricacion *(minutos)*	*-*		
Tiempo De Intermitencia *(minutos)*	*0.00 ~ 60.00*		
Diametro De Salida *(mm)*	*Ø4 ó Ø6*		
Presión Máxima De Salida Mpa *(kgf/cm²)*	*0.70 (7.00)*		
Volumen De Salida (c.c. / min)	*6.00 (Estandars) | 15.00 (Opcional)*		
Dispositivo De Liberacón De Presión	*NO Incluido*		
Interruptor De Flotación	*Incluido*		
Interruptor De Presión *(kgf/cm²)*	*NO Incluido*		
Medidor De Presión	*NO Incluido*	*Incluido*	*Incluido*
Alarma Auditiva	*Incluido*		
Capacidad Del Deposito De Lubricante *(L)*	*2.00*	*3.00*	*4 En Aluminio*
Peso Del Dispositivo *(kg)*	*2.60*	*2.90*	*3.60*

**** Pueden ser producidos modelos especiales de acuerdo a solicitud del cliente.*
***** Todas las dimensiones estan dadas en milímetros.*

WIRING DIAGRAM
ISH YET-N




(310)
233~284
LUB
INT
FEED
R3.5
(185)
(90)
(273)

ISH YET-R2 SERIES
SM YET-R2 SERIES

VOLUMETRIC TYPE ELECTRIC PISTON LUBRICANT

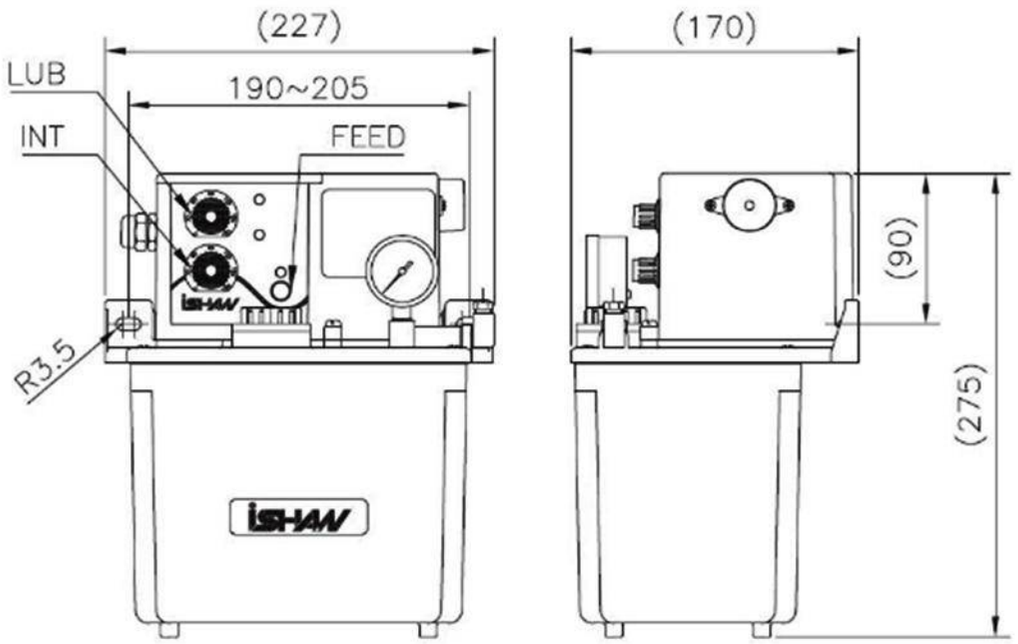
ISH YET-R2
SM YET-R2

VOLUMETRIC TYPE ELECTRIC LUBRICATOR

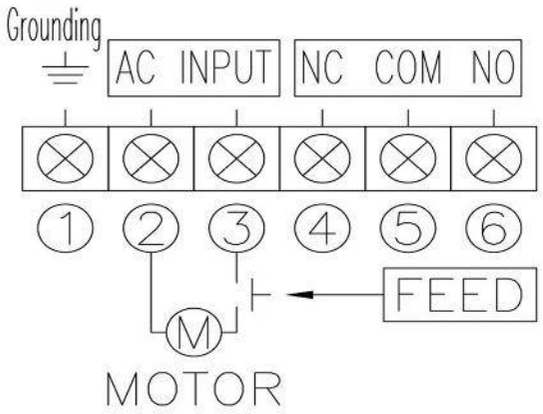
Characteristics & Dimensions

MODEL	ISH YET-R2
Lubricating System Type	*Piston*
Distribuitor	*DT Series / DX Series*
Voltage (Single Phase)	*110 volts/60Hz*
Power Consumption (watts)	*100*
Output Power (watts)	*11*
Terminal Output Capacity	*DC / AC 250 volts/3A*
Lubrication Time (Seconds)	*1-180*
Intermittance Time (Minuts)	*1-180*
Output Bore	*Ø4 | Ø6*
Maximum Pressure Output (Mpa(Kgf/cm2))	*1.50 (15.00)*
Output Volume (cc/min)	*150*
Preassure Release Valve	*0*
Floating Switch	*0*
Pressure Switch (Kgf/cm2)	*X*
Pressure Gauge	*0*
Alarm Beeper	*0*
Tank Capacity (Liter)	*3.00*
Device Total Weight (Kg)	*2.90*
Oil Deposit Material	*Acrilic*

*** Special characteristics can be applied to device by customers request.*
**** All dimensions are given in millimeters.*


(227)
LUB
190~205
INT
FEED
R3.5
(170)
(90)
(275)

WIRING DIAGRAM
ISH YET-R2



ORDERING CODE

YET - R2 003 P B 0 - 1 06

Tipo De Control	Deposito	Material Del Deposito	Montaje	Deposito De Retorno De Aceite	Voltaje	Diametro De Salida
R2 = Perilla De Ajuste	002 = 2 Litros 003 = 3 Litros 004 = 4 Litros 006 = 6 Litros 008 = 8 Litros	P = Resina (2/3/4 Litros) S = Acero (6 Litros y mayores) A= Aluminio (Unicamente 4 Litros)	B = Montura Trasera	0 = NO Incluido	1 = 110 volts 2 = 220 volts	04 = 4mm 06 = 6mm

ISH YGL-A SERIES
SM YGL-A SERIES

RESISTANCE TYPE GREASE LUBRICATION SYSTEM

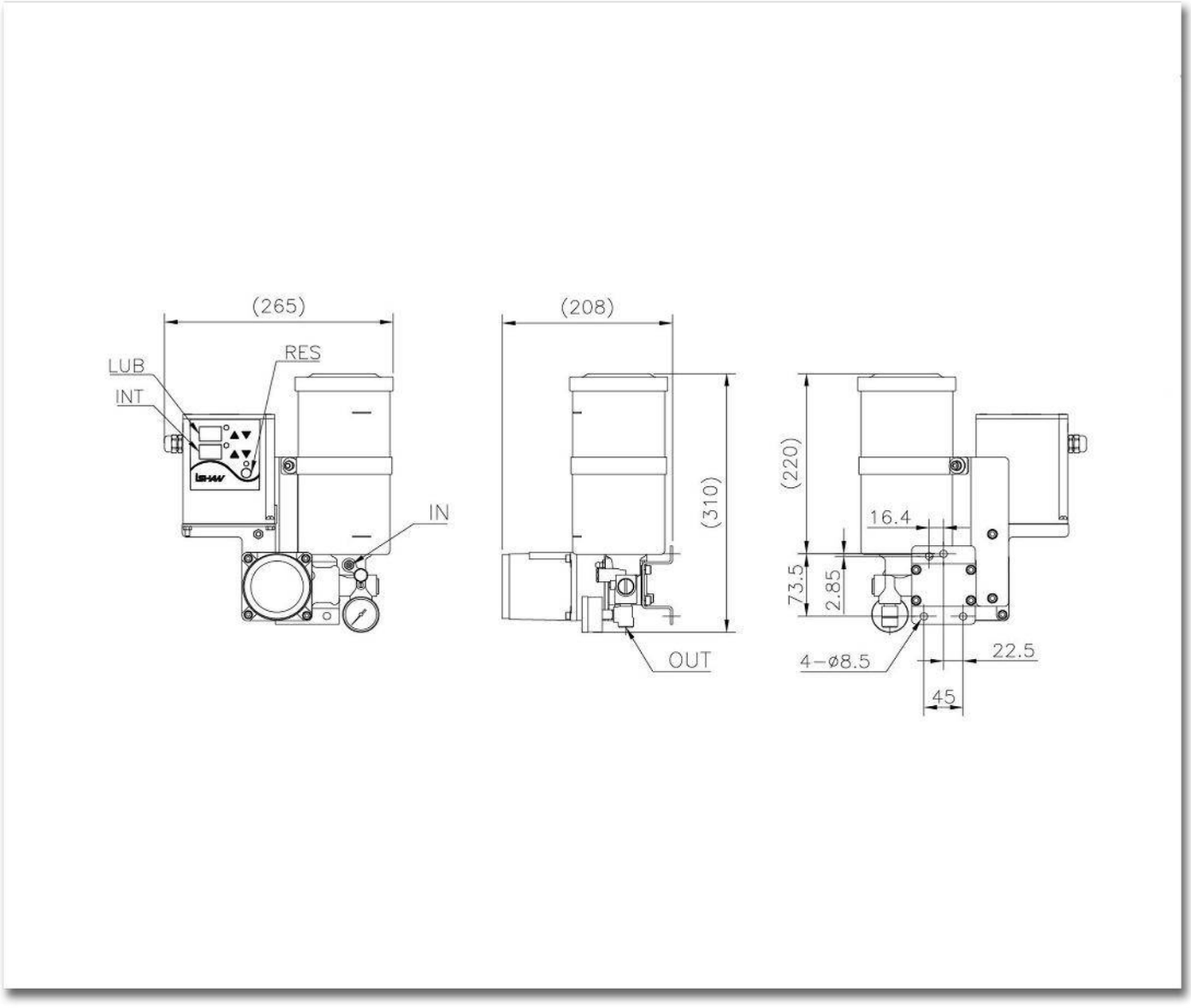
ISH YGL-A
SM YGL-A

RESISTANCE TYPE GREASE LUBRICATING SYSTEM

Características Y Dimensiones

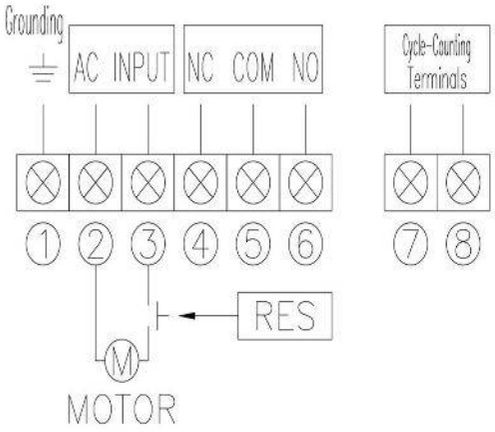
Modelo	ISH YGL-A	
Voltaje	*110 o 220 EN UNA SOLA FASE*	*DC 24 Volts*
Consumo De Potencia (Watts)	*56.00*	*75.00*
Potencia De Salida (Watts)	*25.00*	*28.00*
Capacidad Terminal De Salida	*DC/AC 250 Volts 3.00 Amp*	
Tiempo De Lubricación (Segundos)	*1 - 999*	
Tiempo De Intermitencia (Minutos/Horas/Ciclos)	*1 - 999*	
Diámetro De Salida	*PT1 / 4*	
Presión Máxima De Zaida Mpa (Kgf/cm^2)	*8 - 10 (80 - 100)*	
Volumen De Salida (c.c./min)	*Superior A 13.00*	
Medidor De Presión	*Incluido*	
Capacidad Del Deposito De Lubricante	*800, 1,200 & 2,000*	
Peso Del Dispositivo (Kg)	*3.70, 4.60 & 5.00*	

**** Pueden ser producidos modelos especiales de acuerdo a solicitud del cliente.*
***** Todas las dimensiones están dadas en milimetros.*


(265)
RES
LUB
INT
IN
(208)
(310)
OUT
(220)
16.4
73.5
2.85
4−ø8.5
22.5
45

WIRING DIAGRAM

ISH YGL-A



ORDERING CODE

Order Code | YGL - A 120 - 1 06

Control type	Reservoir volume	Voltage
A = Digital timer	080 = 800 c.c. 120 = 1200 c.c. 200 = 2000 c.c.	1 = 110V 2 = 220V 3 = DC 24V

ISH YGL-C SERIES
SM YGL-C SERIES

RESISTANCE TYPE GREASE LUBRICATION SYSTEM

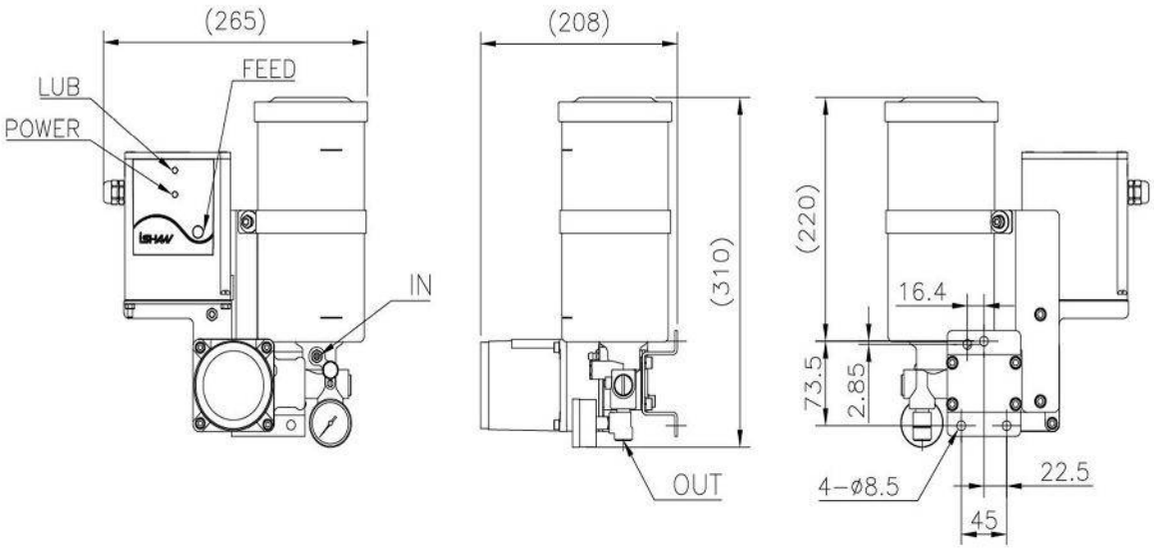
ISH YGL-C

GREASE RESISTANCE LUBRICATOR

Characteristics & Dimensions

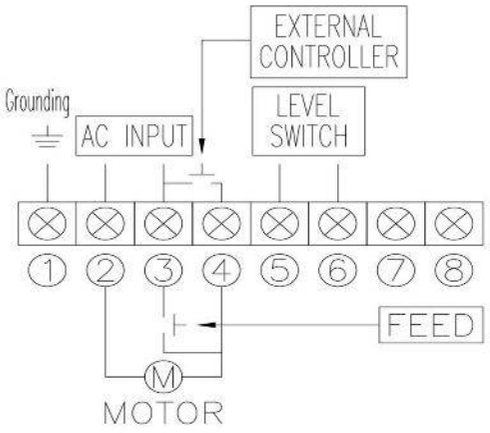
MODEL	ISH YGL-C
Voltage (Single Phase)	*110 or 220*
Power Consumption (Watts)	*56.00*
Power Output (Watts)	*25.00*
Terminal Output Capacity	*Cooperates With PLC Control System*
Lubrication Time (seconds)	*Cooperates With PLC Control System*
Intermittent Time (minute/hour/cycle)	*PT¼*
Output Bore	*8.00~10.00 (80.00~100.00)*
Maximum Output Pressure Mpa (Kgf/cm^2)	*8 - 10 (80 - 100)*
Output Volume (c.c./min)	*Superior A 13.00*
Pressure Gauge	*Incluido*
Cup Capacity (c.c.)	*800, 1,200 & 2,000*
Total Weight (kg)	*3.60, 4.40 & 4.90*

*** Special products can be manufactured under customer order.*
**** All dimensions are given in millimeters.*


(265)
FEED
LUB
POWER
IN
(208)
(310)
OUT
(220)
16.4
73.5
2.85
4-ø8.5
22.5
45

WIRING DIAGRAM

ISH YGL-C



ORDERING CODE

Order Code | YGL - C 120 - 1 06

Control type	Reservoir volume	Voltage
C = PLC	080 = 800 c.c. 120 = 1200 c.c. 200 = 2000 c.c.	1 = 110V 2 = 220V

ISH YGL-D SERIES
SM YGL-D SERIES

RESISTANCE TYPE GREASE LUBRICATION SYSTEM

ISH YGL-D
SM YGL-D

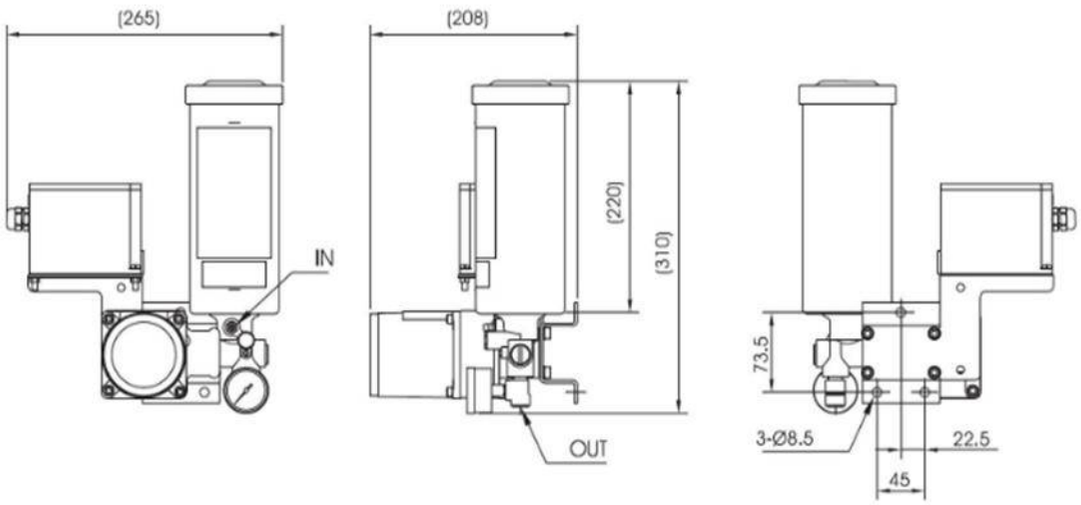
伊山精密工業股份有限公司
ISHAN PRECISION INDUSTRY, CO, LTD

RESISTANCE TYPE GREASE LUBRICATING SYSTEM

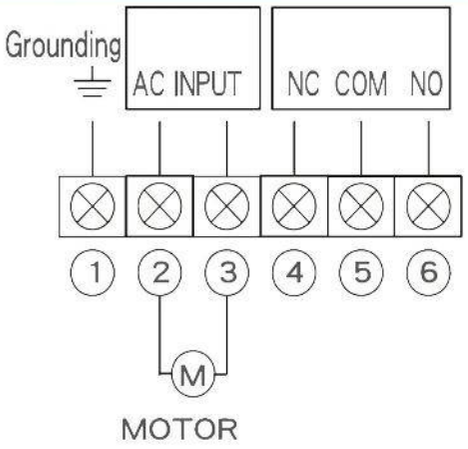
Características Y Dimensiones

Modelo	ISH YGL-D		
Voltaje En Una Sola Fase *(volts)*	*110 o 220 (Una Fase)*		*DC 24V*
Consumo De Potencia *(Watts)*	*56.00*		*75.00*
Salida De Potencia *(Watts)*	*25.00*		*28.00*
Tiempo De Lubricación (segundo / minuto)	*Trabaja En Conjunto De Un Sistema De PLC*		
Tiempo De Intermitencia *(seg/min/hora/ciclo)*	*Trabaja En Conjunto De Un Sistema De PLC*		
Diámetro De Salida *(mm)*	*PT ¼"*		
Presión Máxima De Salida Mpa *(kgf/cm²)*	*8.00 ~ 10.00 (80.00 ~ 100.00)*		
Volumen De Salida (c.c. / min)	*Superior A 13.00*		
Dispositivo De Liberación De Presión	*No Incluido*		
Interruptor De Flotación	*No Incluido*		
Interruptor De Presión *(kgf/cm²)*	*No Incluido*		
Medidor De Presión	*Incluido*		
Alarma Auditiva	*No Incluido*		
Capacidad Del Deposito De Lubricante *(L)*	*0.800*	*1.200*	*2.000*
Peso Del Dispositivo *(kg)*	*3.40*	*4.30*	*4.70*

**** *Todas las dimensiones están dadas en milímetros.*


(265)
IN
(208)
(220)
(310)
OUT
73.5
3-Ø8.5
22.5
45

WIRING DIAGRAM
ISH YGL-D



ORDERING CODE

YGL - D 120 - 1 06

Tipo De Control	Capacidad Del Deposito	Voltaje
D = PLC	080 = 800 c.c. 120 = 1,200 c.c. 200 = 2,000 c.c.	1 = 110 Volts 2 = 220 Volts 3 = 24 Volts

ISH YGL-H SERIES
SM YGL-H SERIES

RESISTANCE TYPE GREASE LUBRICATION SYSTEM

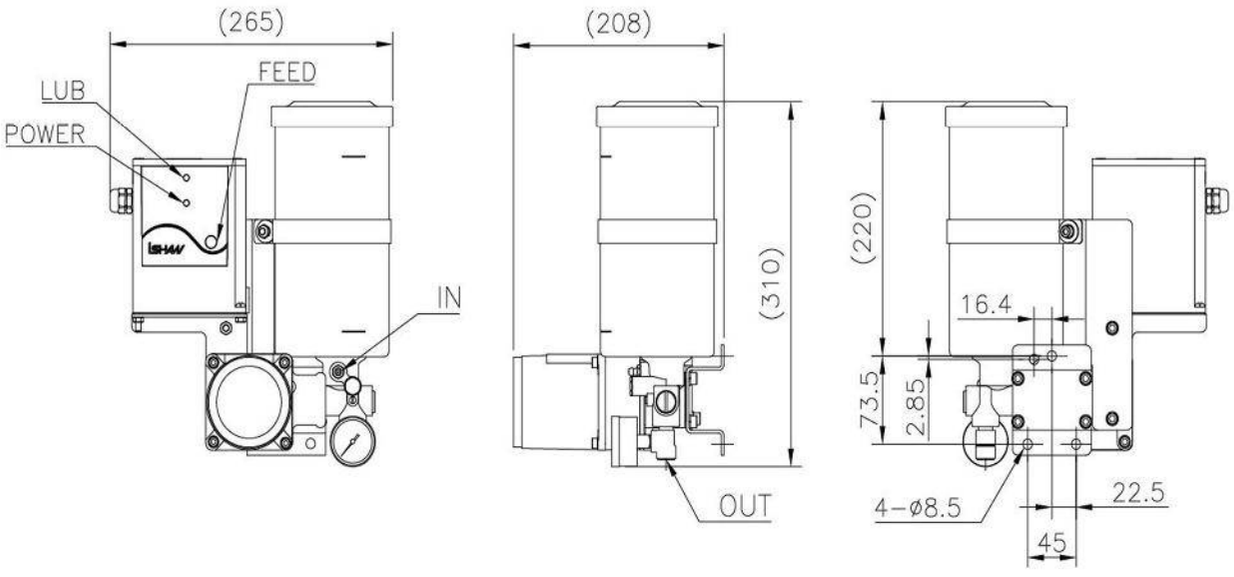
ISH YGL-H
SM YGL-H

RESISTANCE GREASE LUBRICATING SYSTEM

Características Y Dimensiones

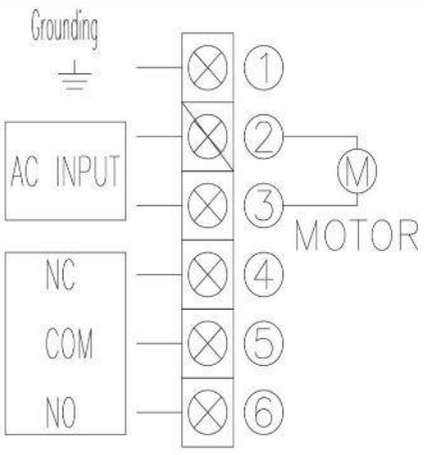
Modelo	ISH YGL-H	
Voltaje	*110 o 220 EN UNA SOLA FASE*	*DC 24 Volts*
Consumo De Potencia (Watts)	*56.00*	*75.00*
Potencia De Salida (Watts)	*25.00*	*28.00*
Tiempo De Lubricación (Segundos)	*Trabaja En Conjunto Con El Sistema De Control De El PLC*	
Tiempo De Intermitencia (Minutos/Horas/Ciclos)	*Trabaja En Conjunto Con El Sistema De Control De El PLC*	
Diámetro De Salida	*PT1 / 4*	
Presión Máxima De Zaida Mpa (Kgf/cm^2)	*8 - 10 (80 - 100)*	
Volumen De Salida (c.c./min)	*Superior A 13.00*	
Medidor De Presión	*Incluido*	
Capacidad Del Deposito De Lubricante	*800, 1,200 & 2,000*	
Pesos Del Dispositivo (Kg)	*3.70, 4.60 & 5.00*	

**** Pueden ser producidos modelos especiales de acuerdo a solicitud del cliente.*
***** Todas las dimensiones están dadas en milímetros.*


(265)
FEED
LUB
POWER
IN
(208)
(310)
OUT
(220)
16.4
73.5
2.85
4-ø8.5
22.5
45

WIRING DIAGRAM

ISH YGL-H



ORDERING CODE

YGL - H 120 - 1 06

Control type	Reservoir volume	Voltage
H = PLC	080 = 800 c.c. 120 = 1200 c.c. 200 = 2000 c.c.	1 = 110V 2 = 220V 3 = DC 24V

ISH YGL-R SERIES
SM YGL-R SERIES

RESISTANCE TYPE GREASE LUBRICATION SYSTEM

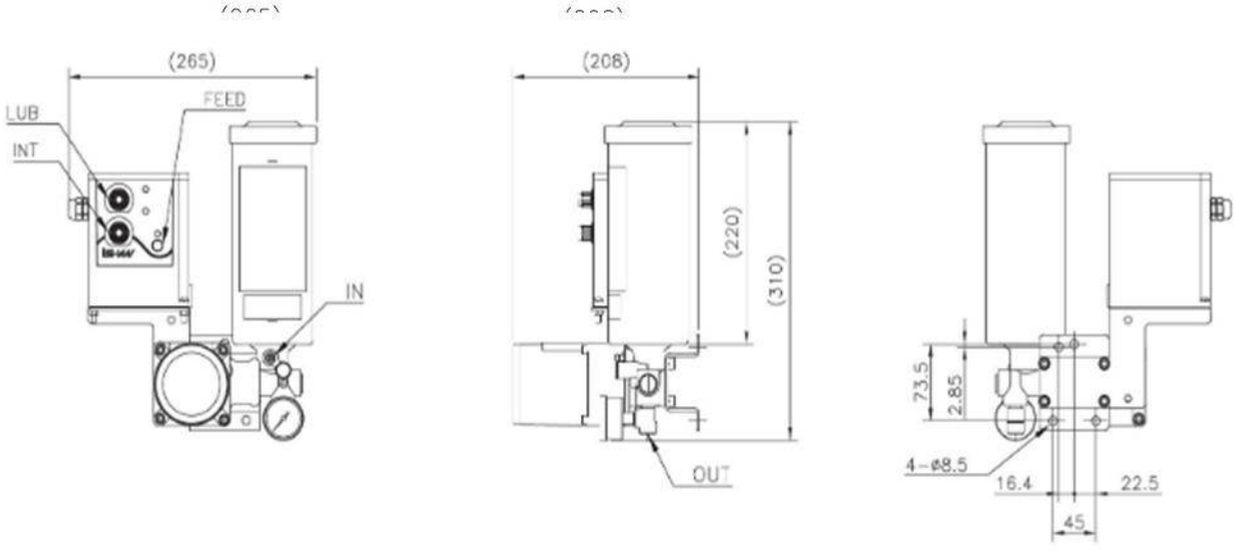
ISH YGL-R
SM YGL-R

RESISTANCE GREASE LUBRICATING SYSTEM

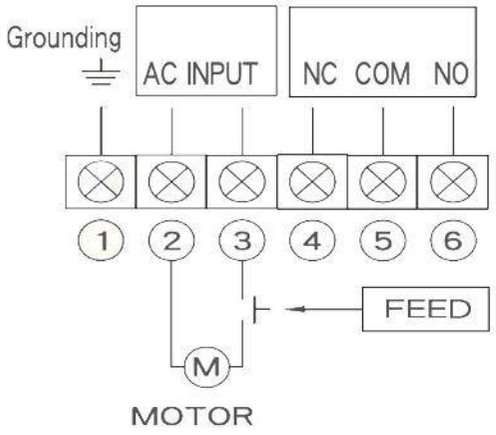
Characteristics & Dimensions

MODEL	ISH YGL-R
Voltage (Single Phase)	*110V / 220V*
Power Consumption (watts)	*56.00*
Output Power (watts)	*25.00*
Terminal Output Capacity	*DC / AC 250V 3A*
Lubrication Time (Seconds)	*1-180*
Intermittance Time (Minutes)	*1-180*
Output Bore	*PT1/4*
Maximum Output Pressure Mpa(Kgf/cm^2)	*8.00-10.00 (80.00-100.00)*
Output Volume (cc/min)	*Superior a 13.00*
Pressure Gauge	*O*
Grease Cup Capacity (c.c.)	*800 / 1200 / 2000 / 400 (Tube Type)*
Total Device Weight (Kg)	*3.70 / 4.60 / 5.00 / 5.20 (Cartridge NOT Included)*

***** All dimensions are given in millimeters.*


(265)
FEED
LUB
INT
IN
(208)
(220)
(310)
OUT
23.5
2.85
4-ø8.5
16.4
22.5
45

WIRING DIAGRAM
ISH YGL-R



ORDERING CODE

YGL - R 120 - 1 06

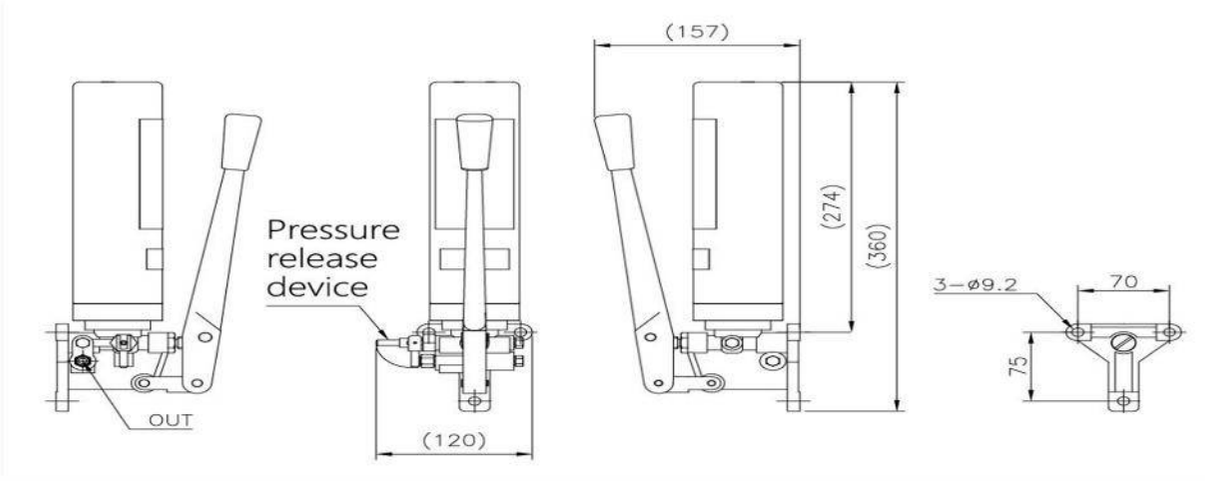
Tipo De Control	Capacidad Del Deposito	Voltaje
R = Por Perilla	080 = 800 c.c. 120 = 1,200 c.c. 200 = 2,000 c.c.	1 = 110 Volts 2 = 220 Volts 3 = 24 Volts

ISH YGL-S SERIES
SM YGL-S SERIES

MANUAL GREASE LUBRICATION SYSTEM
(WITH CARTRIDGE SYSTEM)

ISH YGL-S
SM YGL-S

MANUAL GREASE LUBRICATING SYSTEM


(157)
(274)
(360)
Pressure
release
device
OUT
(120)
3-ø9.2
70
75

Characteristics & Dimensions

MODEL	ISH YGL-S
Maximum Output Pressure Mpa (Kgf/cm^2)	*10.00 (100.00)*
Output Volume (c.c./min)	*2.00*
Bore Diameter (mm)	*Ø6*
Oil Container Capacity	*400 (Tube Type)*
Total Weight (Kg)	*1.40 (Cartridge is NOT included)*

***** Special products can be manufactured under customer order.*
****** All dimensions are given in millimeters.*

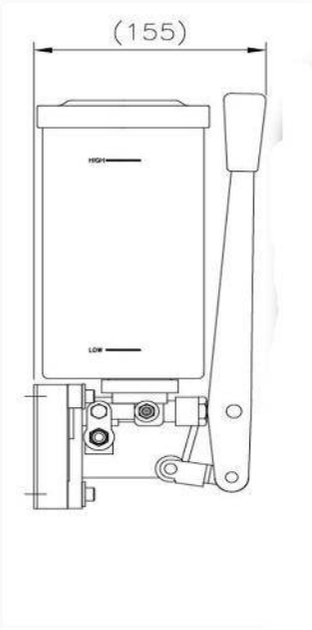
ISH YGL-T SERIES
SM YGL-T SERIES

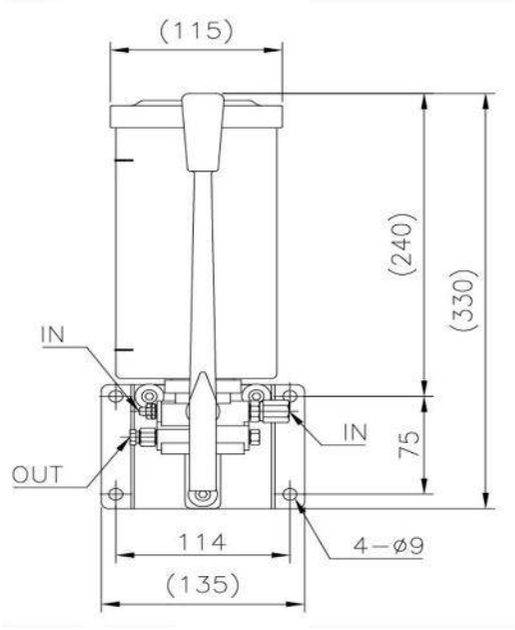
MANUAL GREASE LUBRICATION SYSTEM
(WITH & WITHOUT SPRING)

ISH YGL-T
SM YGL-T

MANUAL GREASE LUBRICATING SYSTEM

(With & Witout Spring)


(155)


(115)
(240)
(330)
IN
IN
OUT
75
114
4—ø9
(135)

Characteristics & Dimensions

MODEL	ISH YGL-T		
Maximum Output Pressure Mpa (Kgf/cm^2)	*10.00 (100.00)*		
Output Volume (c.c./min)	*2.00*		
Bore Diameter (mm)	*Ø6*		
Oil Container Capacity	*800.00*	*1,200.00*	*400 (Tube Type)*
Total Weight (Kg)	*1.90*	*2.20*	*1.4 (cartridge is NOT included)*

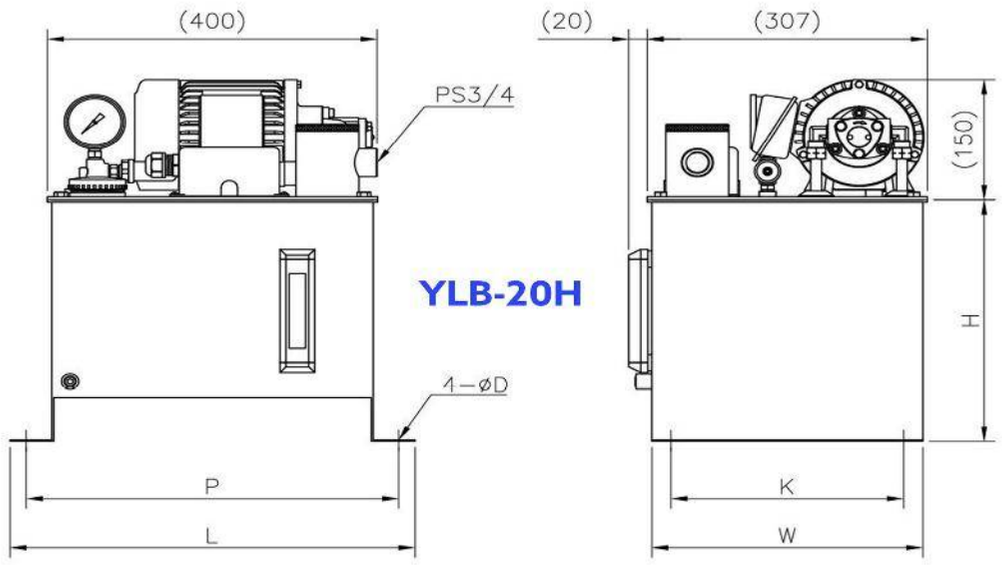
*** Special products can be manufactured under customer order.*
**** All dimensions are given in millimeters.*

ISH YLB, YLD & YLS SERIES
SM YLB, YLD & YLS SERIES

FORCED CYCLE LUBRICATION SYSTEM

ISH YLB
SM YLB

FORCED CYCLE LUBRICATING SYSTEM


(400)
PS3/4
YLB-20H
1-ØD
P
L
(20)
(307)
(150)
H
K
W

Características Y Dimensiones

Modelo	ISH YLB
Voltaje En Tres Fases (Volts)	*220 Volts / 380 Volts ó 220 Volts / 440 Volts*
Potencia	*¼*
Capacidad De Salida Terminal	*0.50 Amp 240 Vac / 200 Vdc PARA EL INTERRUPTOR DE FLOTACION*
Polos	*4.00*
Frecuencia Utilizada	*50 / 60*
Presión Máxima De Salida Mpa (kgf/cm^2)	*0.50 (5.00)*
Volumen De Salida (Litros / min) con Ø6mm	*2.70 (TOP-11A)* *4.50 (TOP-12A)* *6.30 (TOP-13A)*
Interruptor De Flotación	*Incluido*
Interruptor De Presión (kgf/cm^2)	*NO Incluido (OPCIONAL)*
Medidor De Presión	*Incluido*
Diametro De Salida (mm)	*Ø6, Ø8 ó Ø10*
Alarma Auditiva	*NO Incluido (OPCIONAL)*
Capacidad Del Deposito De Lubricante (L)	*20 / 30 / 40 / 60 / 80*

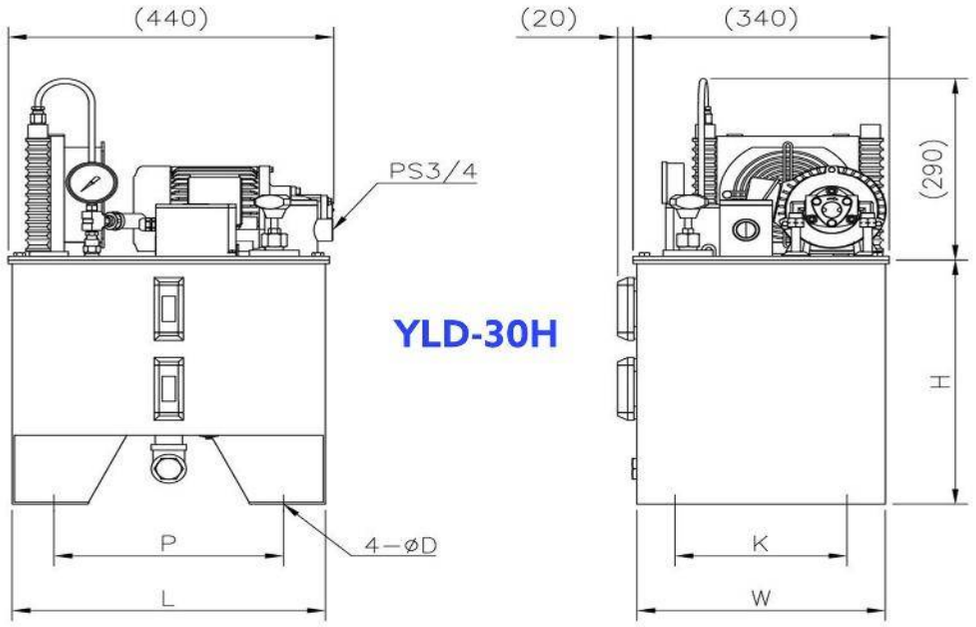
**** Pueden ser producidos modelos especiales de acuerdo a solicitud del cliente.*
***** Todas las dimensiones están dadas en milimetros.*

ISH YLD
SM YLD

SMUS
ISHAN LUBRICATION SYSTEM
伊山精密工業股份有限公司
ISHAN PRECISION INDUSTRY, CO, LTD

FORCED CYCLE LUBRICATING SYSTEM

ISHAN LUBRICATION SYSTEM



YLD-30H

Características Y Dimensiones

Modelo	ISH YLD
Voltaje En Tres Fases (Volts)	*220 Volts / 380 Volts ó 220 Volts / 440 Volts*
Potencia (H.P.)	*¼*
Capacidad De Salida Terminal	*0.30 Amp Para El Interruptor De Flotación* *3.00 Amp Para El Interruptor De Presión*
Polos	*4.00*
Frecuencia Utilizada	*50 / 60*
Presión Máxima De Salida Mpa (kgf/cm^2)	*0.50 (5.00)*
Volumen De Salida (Litros / min) con Ø6mm	*2.70 (TOP-11A)* *4.50 (TOP-12A)* *6.30 (TOP-13A)*
Interruptor De Flotación	*Incluido*
Interruptor De Presión (kgf/cm^2)	*Incluido*
Medidor De Presión	*Incluido*
Diametro De Salida (mm)	*Ø6, Ø8 ó Ø10*
Alarma Auditiva	*NO Incluido*
Capacidad Del Deposito De Lubricante (L)	*30 / 40*

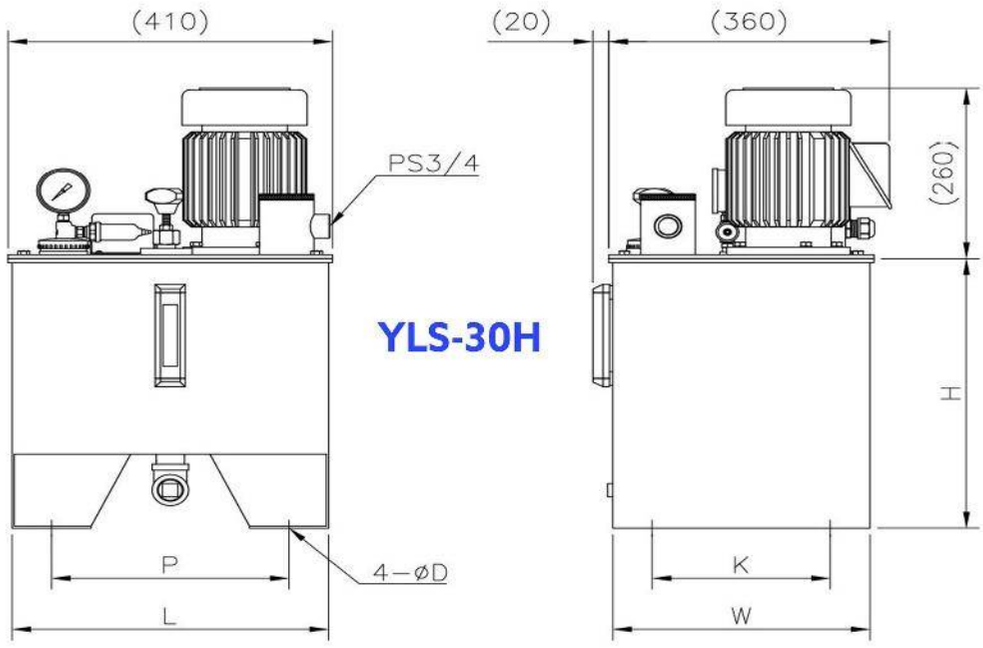
**** Pueden ser producidos modelos especiales de acuerdo a solicitud del cliente.*
***** Todas las dimensiones están dadas en milimetros.*

ISH YLS
SM YLS

SMUS
ISHAN LUBRICATION SYSTEM
伊山精密工業股份有限公司
ISHAN PRECISION INDUSTRY, CO, LTD

FORCED CYCLE LUBRICATING SYSTEM

ISHAN LUBRICATION SYSTEM


(410)
(20)
(360)
PS3/4
(260)
YLS-30H
H
P
4−ØD
K
L
W

Características Y Dimensiones

Modelo	ISH YLS
Voltaje En Tres Fases (Volts)	*220 Volts / 380 Volts ó 220 Volts / 440 Volts*
Potencia (H.P.)	*½*
Capacidad De Salida Terminal	*0.30 Amp Para El Interruptor De Flotación* *3.00 Amp Para El Interruptor De Presión*
Polos	*4.00*
Frecuencia Utilizada	*50 / 60*
Presión Máxima De Salida Mpa (kgf/cm²)	*1.50 (15.00)*
Volumen De Salida (Litros / min) con Ø6mm	*2.40*
Interruptor De Flotación	*Incluido*
Interruptor De Presión (kgf/cm²)	*Incluido*
Medidor De Presión	*Incluido*
Diametro De Salida (mm)	*Ø6, Ø8 ó Ø10*
Alarma Auditiva	*NO Incluido*
Capacidad Del Deposito De Lubricante (L)	*30 / 40 / 60 / 80 / 100*

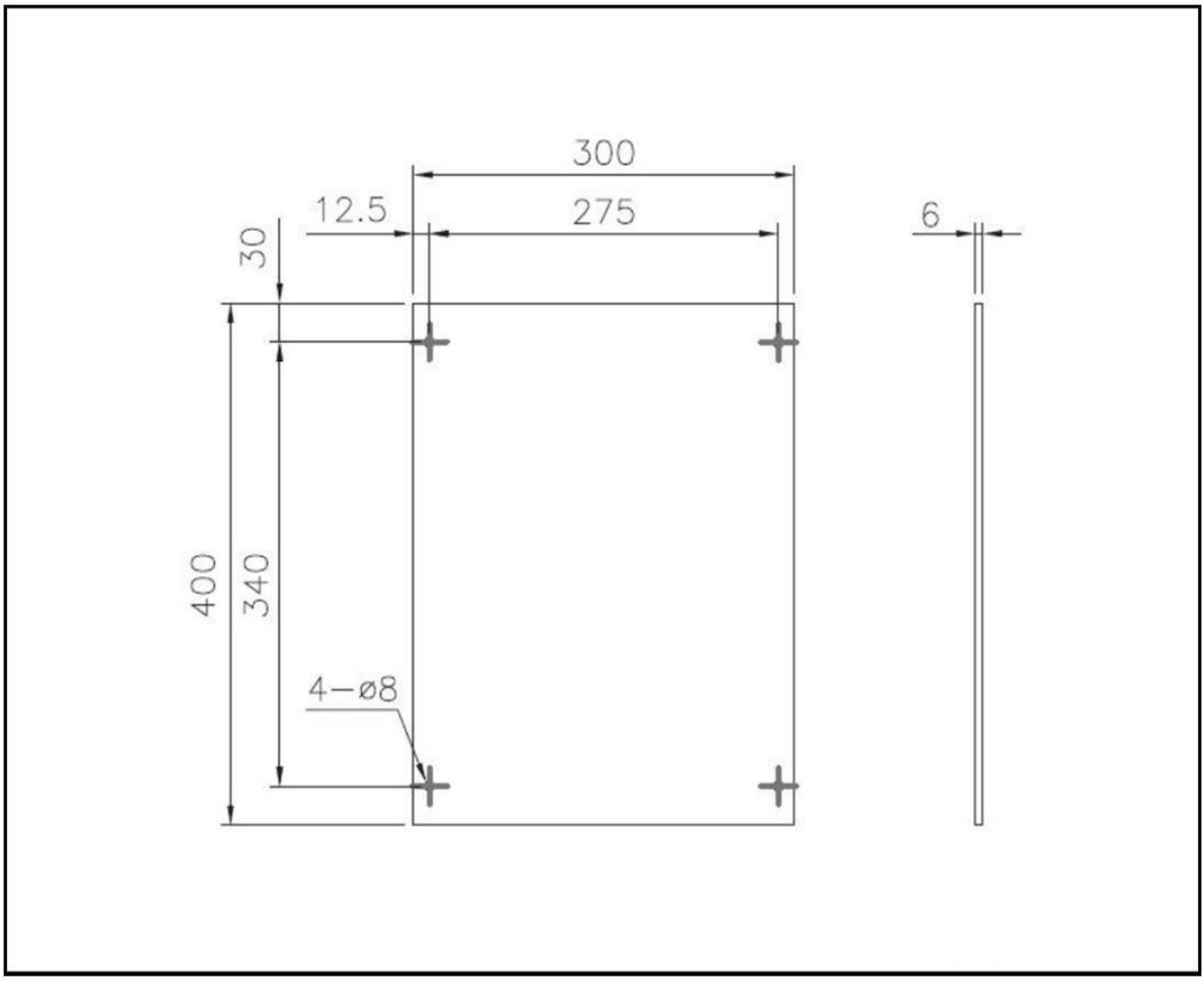
**** Pueden ser producidos modelos especiales de acuerdo a solicitud del cliente.*
***** Todas las dimensiones están dadas en milímetros.*

ISH YLC SERIES
SM YLC SERIES

FORCED CYCLE COOLING SYSTEM

ISH YLC
SM YLC

FORCED COOLING SYSTEMS


300
12.5
275
6
30
400
340
4—ø8

Characteristics & Dimensions

Modelo	
Voltage *(Volts)*	*110 V/ 220 V (Single Phase)* *220 V/ 380 V (Three Phases)* *220 V/ 440 V (Three Phases)*
Maximum Output Pressure *Mpa (kgf/cm²)*	*0.50 (5.00)*
Output Volume *(L/min)*	*2.70*
	4.50
	6.30
Cooling Water Input Volume *(L/min)*	*50.00*
	100.00
Output Bore *(L/min)*	*PT 3/4*

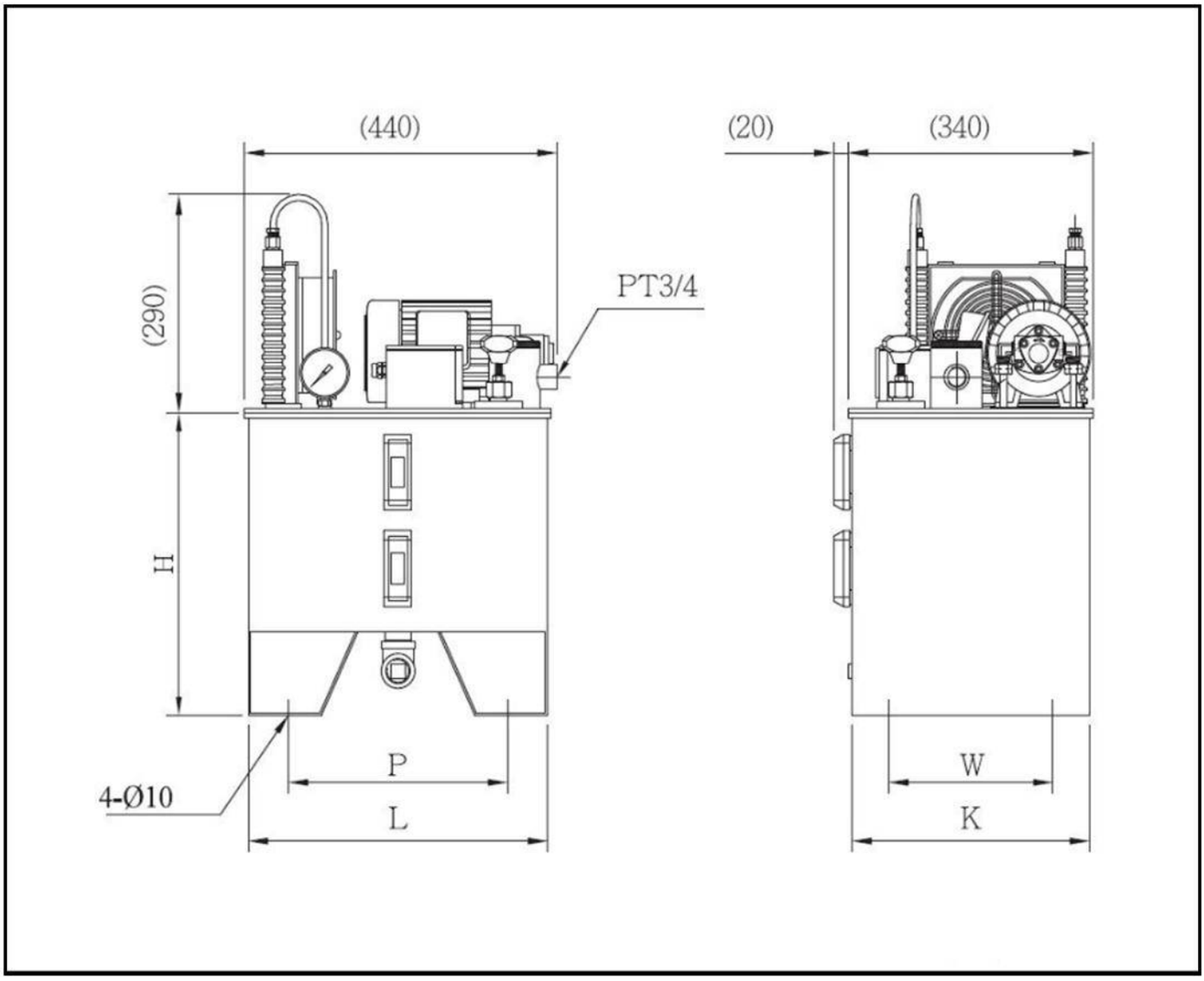
******* *All dimensions are given in millimeters.*

ISH YLD SERIES
SM YLD SERIES

FORCED CYCLE LUBRICATION SYSTEM

ISH YLD SERIES
SM YLD SERIES

FORCED CYCLE LUBRICATION SYSTEM


(440)
(290)
PT3/4
H
4-Ø10
P
L
(20)
(340)
W
K

Characteristics & Dimensions

MODEL	ISH YLD
Device Voltage *(Volts)*	***220 o 380 (Tres Fase)***
	220 o 440 (Una Fase)
Unit Power *(H.P.)*	
Capacity Of Terminal Output *(A)*	***0.30 A*** *(Floating Switch)*
	3.00 A *(Pressure Switch)*
Poles	***4***
Current Frecuency (Hz.)	
Maximum Output Pressure *Mpa (kgf/cm²)*	***0.50 (5.00)***
Output VOlume *(L/min)*	***2.70 (TOP-11A)***
	4.00 (TOP-12A)
	5.20 (TOP-13A)
Floating Switch	***Incluided***
Pressure Switch *(Kgf/cm²)*	***Incluided***
Pressure Gauge	***Incluided***
Output Bore	***Ø6***
	Ø8
	Ø10
Alarm Beeper	***Not Included***
Tank Capacity *(Liter)*	***30 / 40***

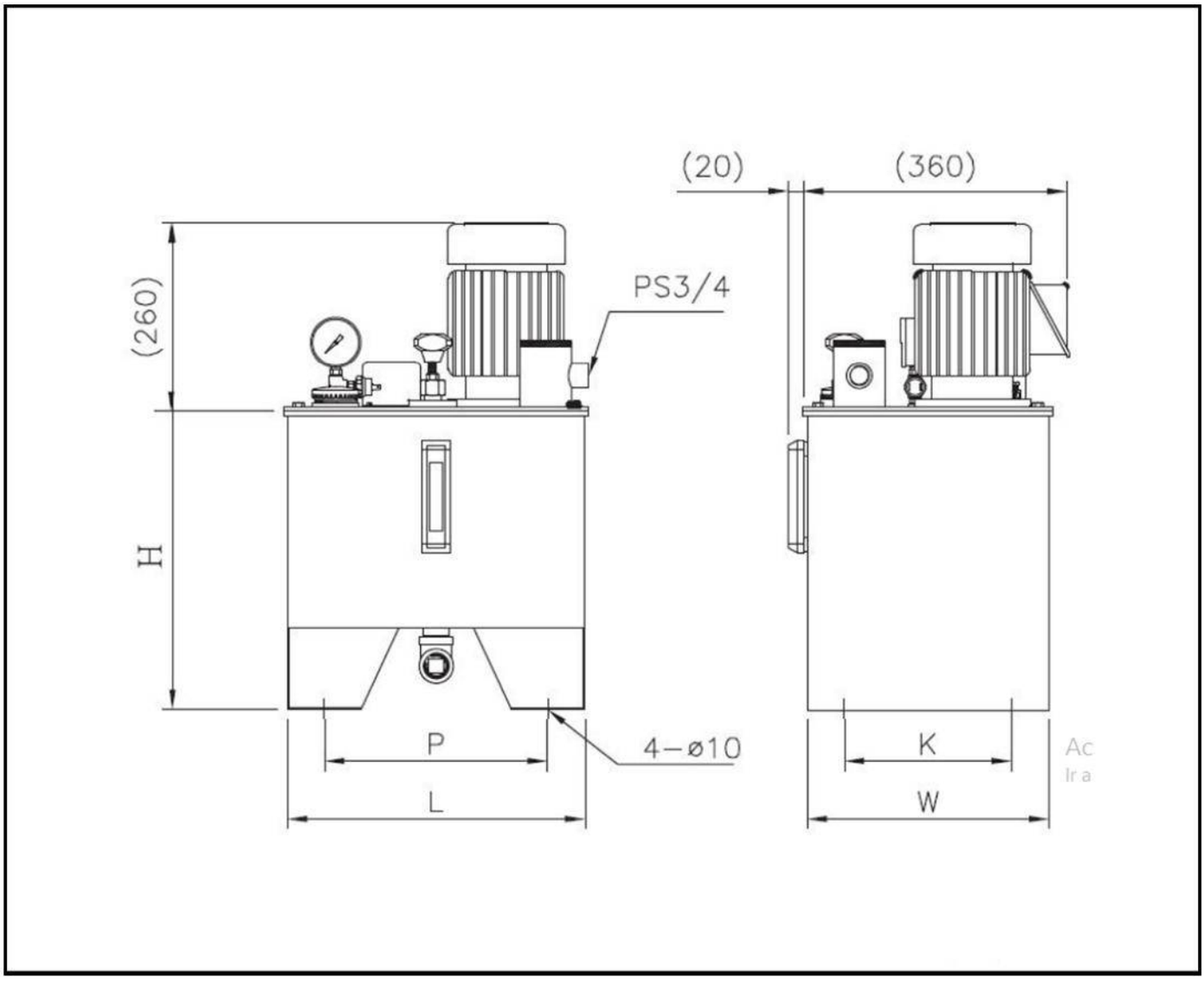
*** *Diferent tanl capacity can be slect upon customers request.*
**** *Recomended oil viscosity range:* ***30-150 cSt.***
***** *Outpout volume is determines upon* ***60 Hz y 110 V/220 V.***
****** *because of continuos improvement, parameters can change withou notice.*
******* *All dimensions are given in millimeters.*

ISH YLS SERIES
SM YLS SERIES

FORCED CYCLE LUBRICATION SYSTEM

ISH YLS SERIES
SM YLS SERIES

FORCED CYCLE LUBRICATION SYSTEM


(20)
(360)
(260)
PS3/4
H
P
4−ø10
K
L
W

Characteristics & Dimensions

MODEL	ISH YLS
Device Voltage *(Volts)*	***220 o 380 (Three Phase)*** ***220 o 440 (One Phase)***
Unit Power *(H.P.)*	***½***
Capacity Of Terminal Output *(A)*	***0.30 A*** *(Floating Switch)* ***3.00 A*** *(Pressure Switch)*
Poles	***4***
Current Frecuency (Hz.)	***50.00 / 60.00***
Maximum Output Pressure *Mpa (kgf/cm²)*	***1.50 (15.00)***
Output Volume *(L/min at Ø6 mm.)*	***0.96 or 2.40***
Floating Switch	***Included***
Pressure Switch *(Kgf/cm²)*	***Included***
Pressure Gauge	***Included***
Output Bore	***Ø6***
	Ø8
	Ø10
Alarm Beeper	***Not Included***
Tank Capacity *(Liter)*	***30 / 40 / 60 / 80 / 100***

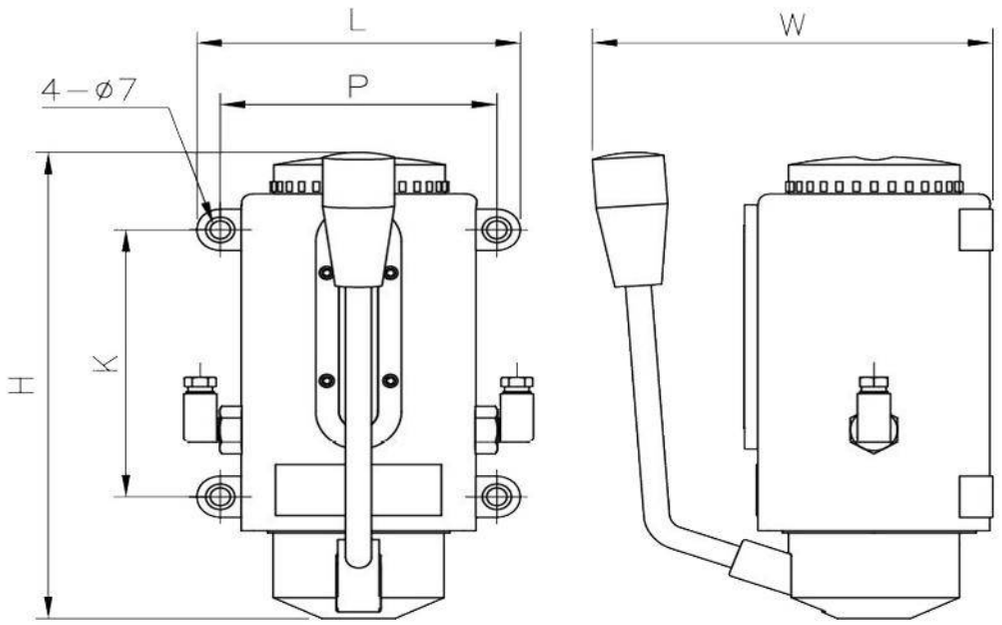
**** Diferent tanl capacity can be slect upon customers request.*
***** Recomended oil viscosity range: **30-150 cSt.***
****** Outpout volume is determines upon **60 Hz y 110 V/220 V.***
******* because of continuos improvement, parameters can change withou notice.*
******** All dimensions are given in millimeters.*

ISH YML SERIES
SM YML SERIES

LEVER-
SHAKE OILER

ISH YML-6
SM YML-6

ROCK TYPE OILER


L
P
4－ø7
W
H
K

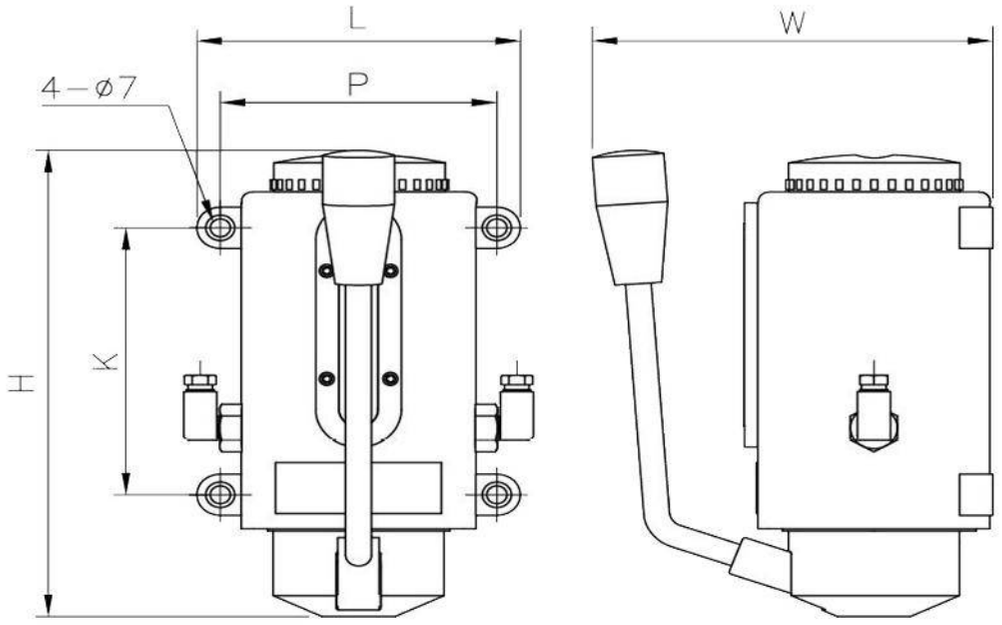
Caracteristicas & Dimensiones

Modelo	YML-6
Volumen De Salida (cm^3/Ciclo)	*6.00*
Presión Máxima De Salida (Mpa/Kgf/cm^2)	*1.50 (15.00)*
Capacidad Del Deposito De Lubricante (cm^3)	*350.00*
Capacidad Efectiva Del Deposito De Lubricante (cm^3)	*250.00*
Diámetro De Salida	*Ø4 o Ø6*
Posición De Salida De Lubricante	*Izquierda o Derecha*
Peso Del Dispositivo (Kg)	*1.40*
Viscocidad Del Aceite (A 40° C)	*20 ~ 150 cSt*
L x W X H	*100.00 x 130.00 x 170.00*
P x K	*85.00 x 85.00*

*** *Pueden ser producidos modelos especiales de acuerdo a solicitud del cliente.*
**** *Todos las dimensiones están dadas en milímetros.*

ISH YML-8
SM YML-8

ROCK TYPE OILER


L
P
4－ø7
W
H
K

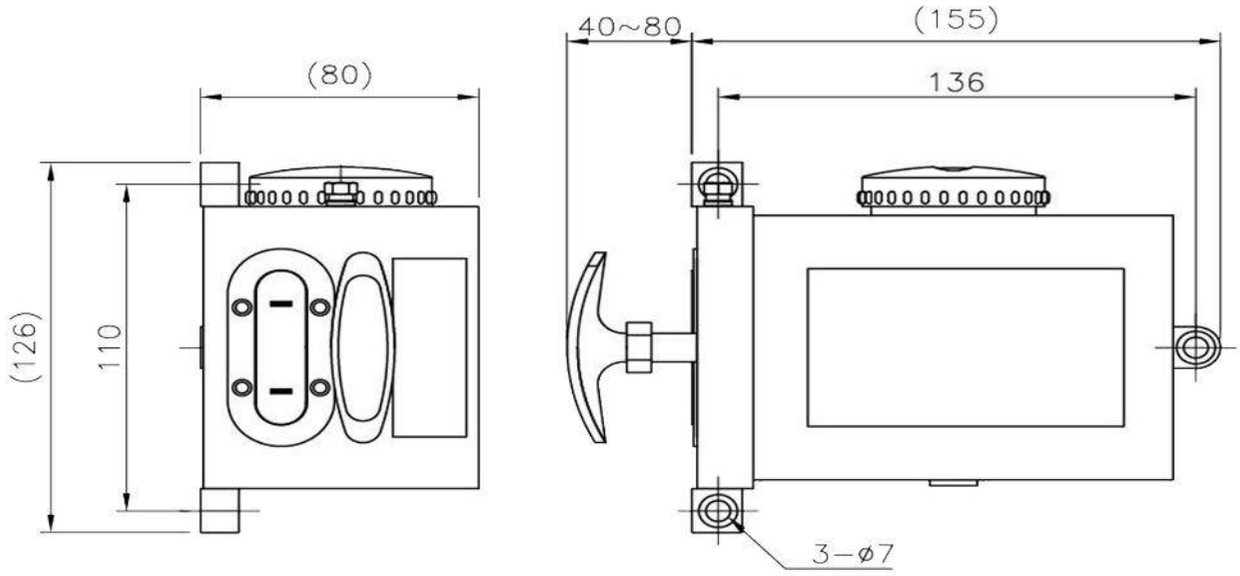
Caracteristicas & Dimensiones

Modelo	YML-8
Volumen De Salida (cm^3/Ciclo)	*8.00*
Presión Máxima De Salida (Mpa/Kgf/cm^2)	*1.50 (15.00)*
Capacidad Del Deposito De Lubricante (cm^3)	*600.00*
Capacidad Efectiva Del Deposito De Lubricante (cm^3)	*450.00*
Diámetro De Salida	*Ø4 o Ø6*
Posición De Salida De Lubricante	*Izquierda o Derecha*
Peso Del Dispositivo (Kg)	*1.40*
Viscocidad Del Aceite (A 40° C)	*20 ~ 150 cSt*
L x W X H	*120.00 x 150.00 x 200.00*
P x K	*100.00 x 110.00*

**** Pueden ser producidos modelos especiales de acuerdo a solicitud del cliente.*
***** Todas las dimensiones están dadas en milimetros.*

ISH YMT-8
SM YMT-8

PULL TYPE OILER


40~80
(155)
136
(80)
(126)
110
3—ø7

Características Y Dimensiones

Modelo	ISH YMT-8I
Volumen De Salida (cc/min)	*8.00*
Presión Máxima De Salida Mpa(Kgf/cm$^{2)}$	*5.00 (En Promedio)*
Capacidad Del Deposito De Aceite (c.c.)	*600.00*
Capacidad Efectiva (c.c.)	*550.00*
Diámetro De Salida	*Ø4*
Dirección De Las Salidas	*Para Arriba o Para Abajo*
Peso Total Del Sistema (Kg)	*0.90*
Material Del Deposito De Aceite	*Metálico (Dispositivo Izquierdo)*

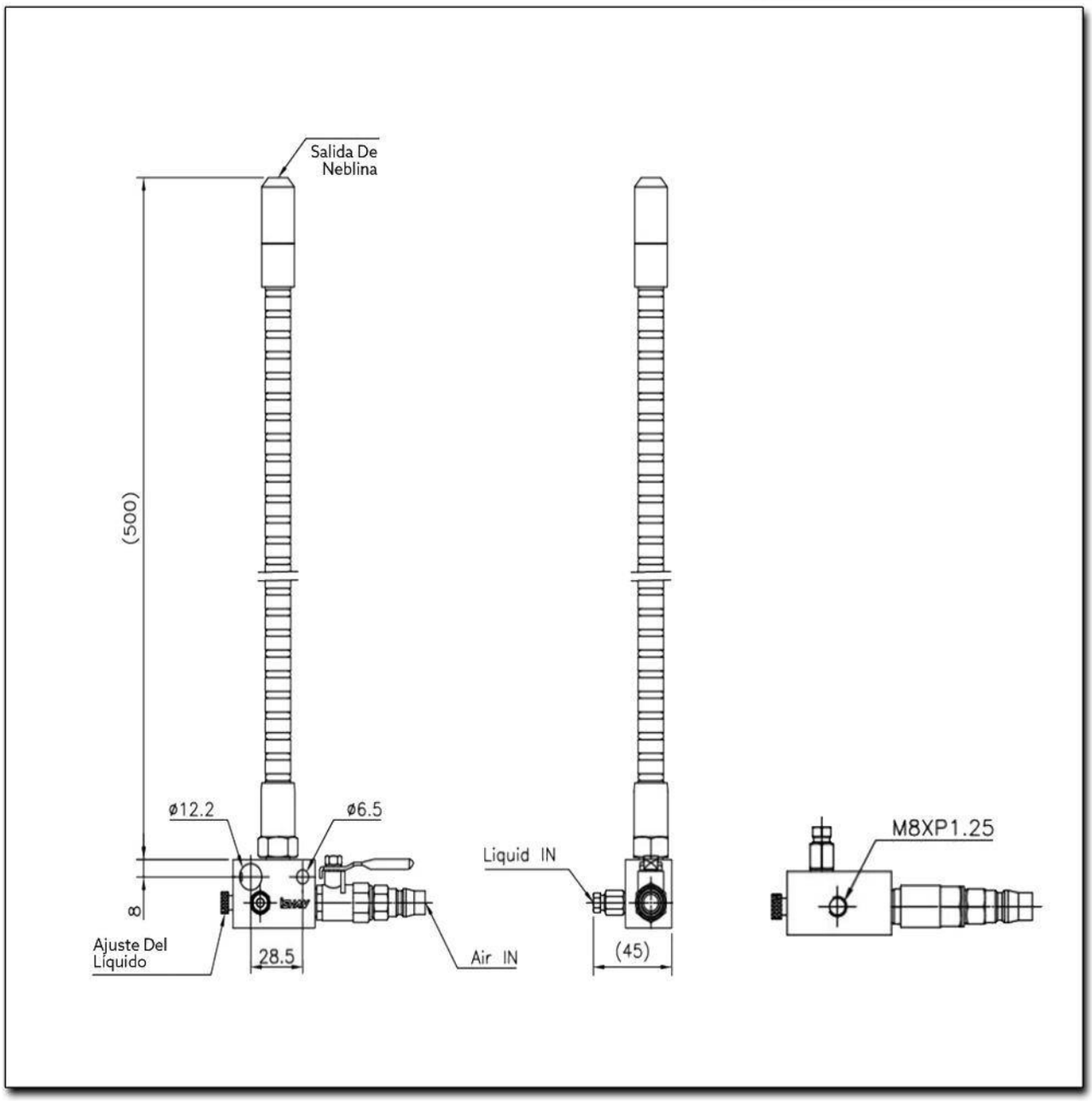
**** Pueden ser producidos modelos especioles de acuerdo o solicitud del cliente.*
***** Todas las dimensiones están dadas en milímetros.*

ISH YSC-U SERIES
SM YSC-U SERIES

MICRO SPRAY LUBRICATION SYSTEM

ISH YSC-U-1
SM YSC-U-1

MIST SPRAYING SYSTEM


Salida De
Neblina
(500)
ø12.2
ø6.5
8
Ajuste Del
Líquido
28.5
Air IN
Liquid IN
(45)
M8XP1.25

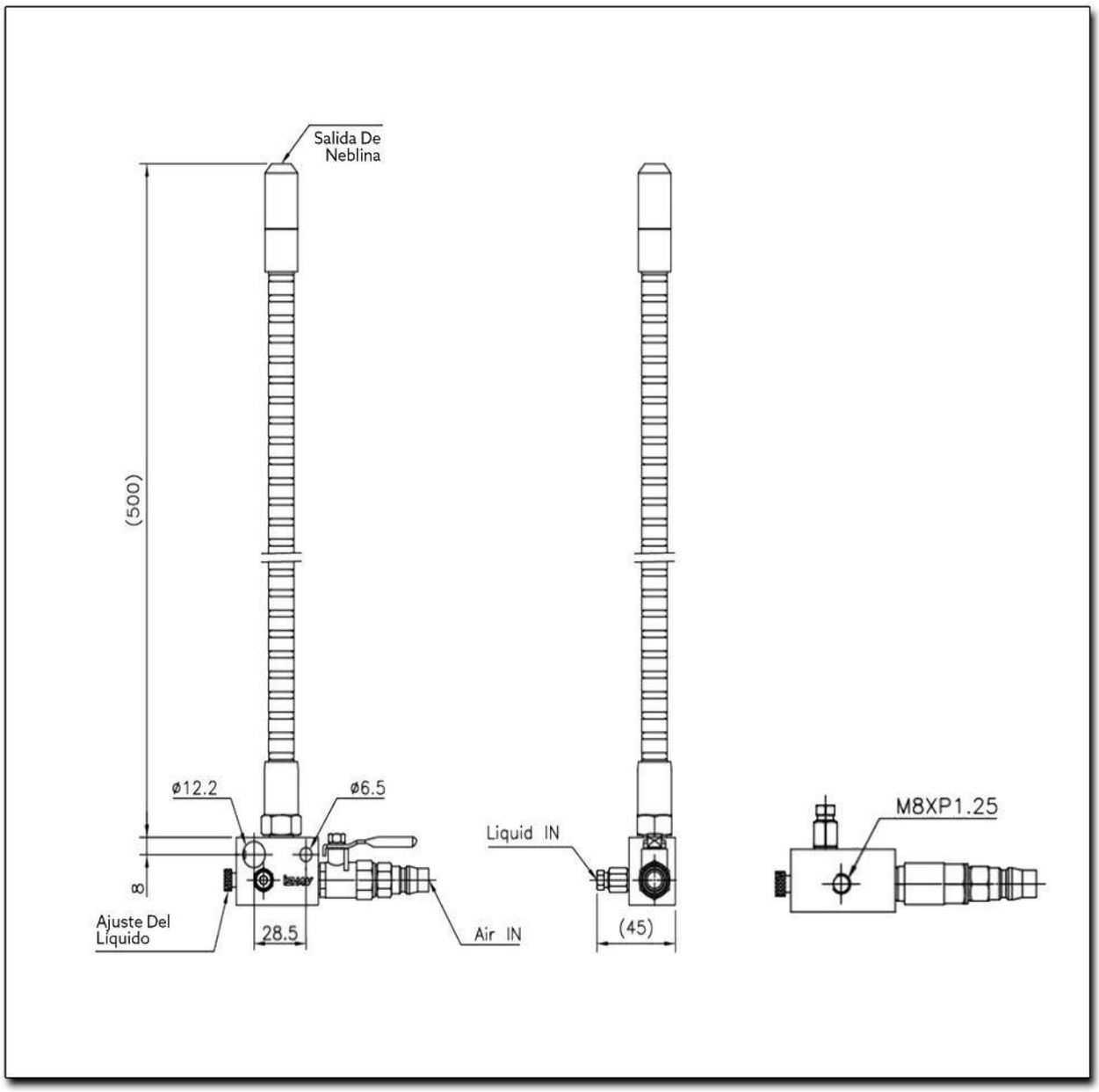
Características Y Dimensiones

Consumo De Líquido	ISH YSC-U-1
Agua	***16.00 c.c. / min.***
Aceite (R32)	***7.00 c.c. / min.***

**** *Basado en la presión máxima de 0.40 Mpa (4.00 Kgf/cm²)*
***** *Todas las dimensiones están dadas en milímetros.*

ISH YSC-U-2
SM YSC-U-2

MIST SPRAYING SYSTEM WITH MAGNETIC BASE


Salida De
Neblina
(500)
ø12.2
ø6.5
8
Ajuste Del
Liquido
28.5
Air IN
Liquid IN
(45)
M8XP1.25

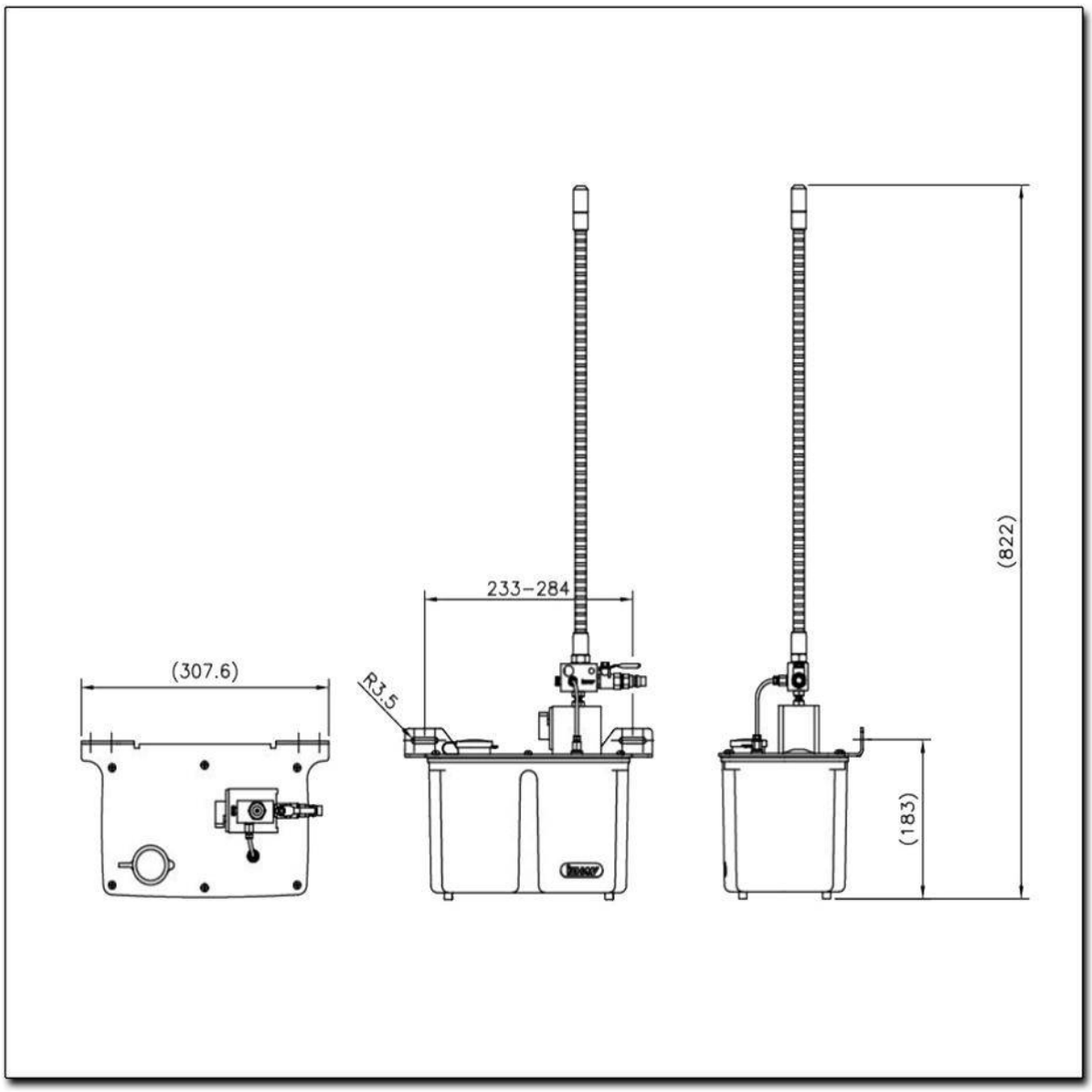
Características Y Dimensiones

Consumo De Líquido	ISH YSC-U-2
Agua	***16.00 c.c. / min.***
Aceite (R32)	***7.00 c.c. / min.***

**** *Basado en la presión máxima de 0.40 Mpa (4.00 Kgf/cm²)*
***** *Todas las dimensiones están dadas en milímetros.*

ISH YSC-U-3
SM YSC-U-3

MIST SPRAYING SYSTEM WITH OIL DEPOSIT


(307.6)
R3.5
233–284
(822)
(183)

Características Y Dimensiones

Consumo De Líquido	ISH YSC-U-3
Agua	***16.00 c.c. / min.***
Aceite (R32)	***7.00 c.c. / min.***

**** *Basado en la presión máxima de 0.40 Mpa (4.00 Kgf/cm²)*
***** *Todas las dimensiones están dadas en milímetros.*

ISH YSM-A SERIES
SM YSM-A SERIES

SPRAY OIL MIST LUBRICATION SYSTEM

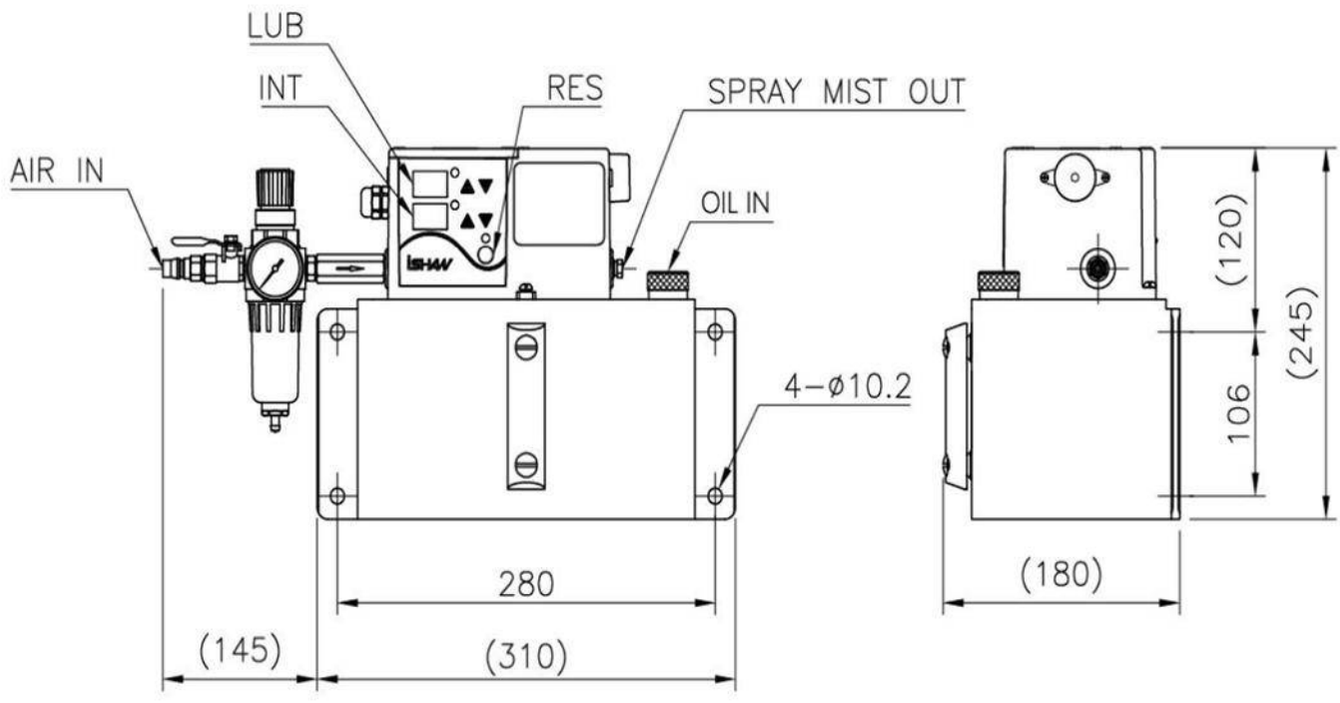
ISH YSM-A
SM YSM-A

SPRAY MIST LUBRICATOR

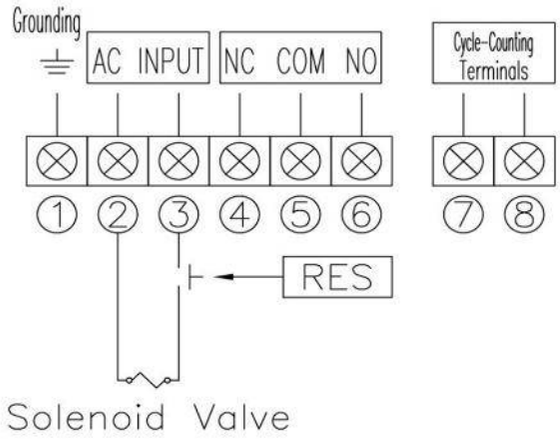
Characteristics & Dimensions

MODEL	ISH YSM-A
Voltage *(Single Phase)*	*110 or 220*
Capacity Of Terminal Output	*DC / AC 250 Volts 3.00 Amp*
Lubrication Time *(Second/Minute/Cycle)*	*1 ~ 999*
Intermittent Time *(Second/Minute/Cycle)*	*1 ~ 999*
Output Bore	*Ø6*
Air Pressure Range *Mpa (Kgf/cm²)*	*0.30 - 0.50 (3.00 - 5.00)*
Spray Particle Size	*4.00µm - 10.00µm*
Alarms Beeper	*Included*
Float Switch	*Included*
Oil Tank Capacity *(Liter)*	*4.00*
Pressure Gauge	*Included*
Total Weight	*10.10*

**** Especial configurations can be manufacture under special customer orders.*
***** All dimensions are given in millimeters.*


LUB
INT
RES
SPRAY MIST OUT
AIR IN
OIL IN
4-ø10.2
280
(145)
(310)
(120)
106
(245)
(180)

WIRING DIAGRAM
ISH YSM-A



ORDERING CODE

Order Code | YSM - A 4L - 1 06

Control type	Voltage	Output bore
A = Digital timer	1 = 110V 2 = 220V	06 = 6mm

ISH YSM-C SERIES
SM YSM-C SERIES

SPRAY OIL MIST LUBRICATION SYSTEM

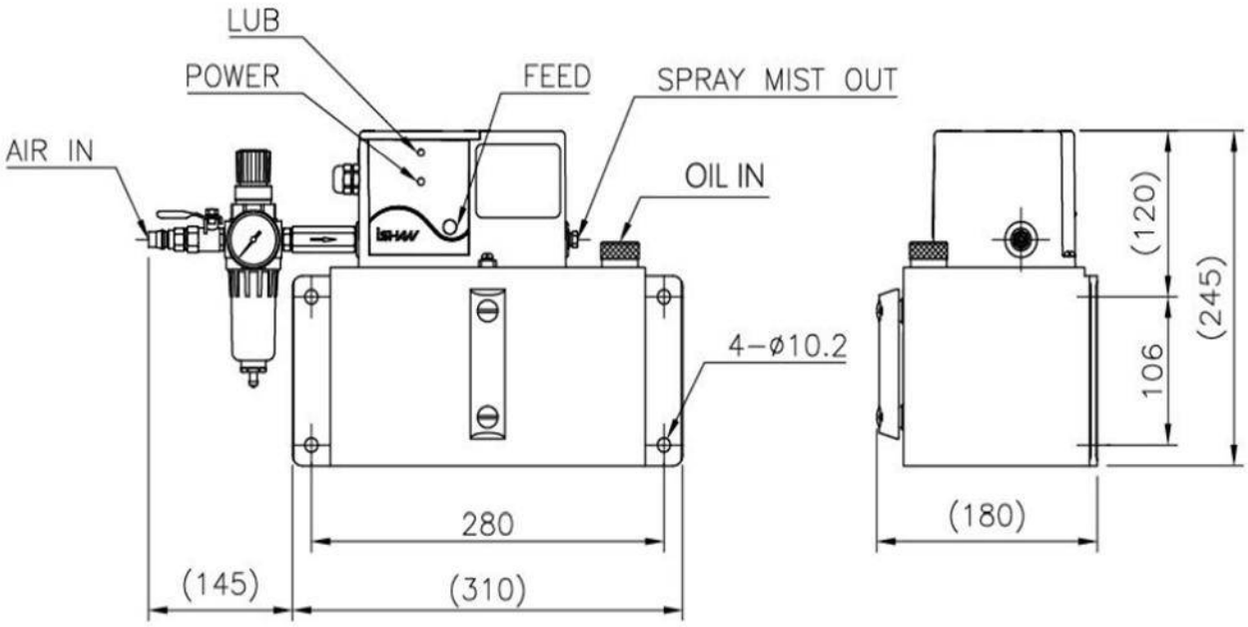
ISH YSM-C
SM YSM-C

SPRAY MIST LUBRICATOR

Characteristics & Dimensions

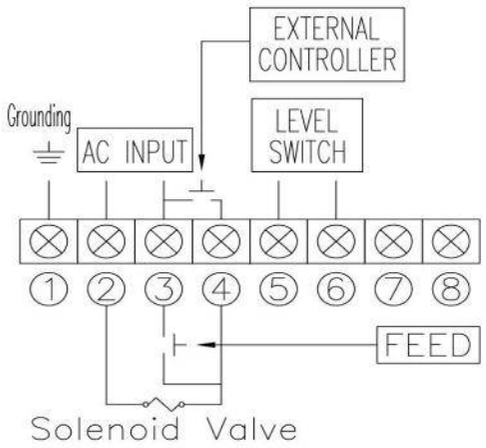
MODEL	ISH YSM-C
Voltage (Single Phase)	*110 or 220*
Capacity Of Terminal Output	*0.30A (Floating Switch)*
Lubrication Time *(Second/Minute/Cycle)*	*In Cooperation With PLC Control System*
Intermittent Time *(Second/Minute/Cycle)*	*In Cooperation With PLC Control System*
Output Bore	*Ø6*
Air Pressure Range *Mpa (Kgf/cm²)*	*0.30 - 0.50 (3.00 - 5.00)*
Spray Particle Size	*4.00µm - 10.00µm*
Alarms Beeper	*NOT Included*
Float Switch	*Included*
Oil Tank Capacity *(Liter)*	*4.00*
Pressure Gauge	*Included*
Total Weight	*10.10*

**** Especial configurations can be manufacture under special customer orders.*
***** All dimensions are given in millimeters.*


LUB
POWER
FEED
SPRAY MIST OUT
AIR IN
OIL IN
4−ø10.2
280
(145)
(310)
(120)
(245)
106
(180)

WIRING DIAGRAM

ISH YSM-C



ORDERING CODE

YSM - C 4L - 1 06

Tipo De Control	Voltaje	Diametro De Salida
C = PLC	1 = 110 volts 2 = 220 volts	06 = 6mm

4Man

Elements For Manufa

ISHAN
LUBRICATION SYSTEM

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Elements For Manufacturing Processes