



SJ DIF



**FLANGE TYPE
CONNECTIONS**

Flanged Connection

Model: DIF

Product Description

- Screw type or welding type can be selected according to size requirements
- Used for sewage or fluids with difficult properties such as: corrosive, high temperature or crystallization
- Applicable for strict working environments including pharmaceuticals, chemical and petrochemical processing, etc.



Top: Flanged connection with flush port
 Left: Flanged connection - welded
 Right: Flanged connection - screwed + PTFE coating

Product Specification

Type

Welded, screwed

Type of process connection

ANSI/ ASME B16.5, JIS, DIN2527

Nominal diameter

Welded:

1/2", 3/4", 1", 1 1/4", 1 1/2", 2"

Screwed:

1 1/2", 2", 3", 4"

Instrument connection

1/4", 3/8", 1/2"

PT, G, NPT, M

Scale ranges - welded

Pressure gauge:

1/2", 3/4": 0 ... 4 bar to 0 ... 40bar
 1", 1 1/4": 0 ... 2.5 bar to 0 ... 40 bar
 1 1/2", 2": -1 ... 0 bar to 0 ... 40 bar
 Transmitter:

0 ... 0.4 bar to -1 ... 40 bar
 or all other equivalent vacuum or
 combined pressure and vacuum
 ranges

Scale ranges - screwed

Pressure gauge:

1 1/2": 0 ... 4 bar to 0 ... 40 bar
 2", 3", 4": -1 ... 0 bar to -1 ... 40 bar

Transmitter:

1 1/2": 0 ... 4 bar to 0 ... 40 bar
 2", 3", 4": 0 ... 0.1 bar to -1 ... 40 bar
 or all other equivalent vacuum or
 combined pressure and vacuum
 ranges

Product Specification

Material

Body:

304 SS, 316 SS, 316L SS, Hastelloy C276, Dual phase steel, Tantalum, Monel 400, Titanium, Nickel 200

Diaphragm - welded:

316L SS, Hastelloy C276, Tantalum, Monel 400, Titanium, Nickel 200

Diaphragm - screwed:

316L SS, Hastelloy C276, Tantalum, Monel 400, Titanium, Nickel 200, Silicone, Viton, 316L+PTFE^[1], 316L+PTFE Coating

Medium temperature

0°C ... 80°C(standard), 81°C ... 200°C, 201°C ... 400°C

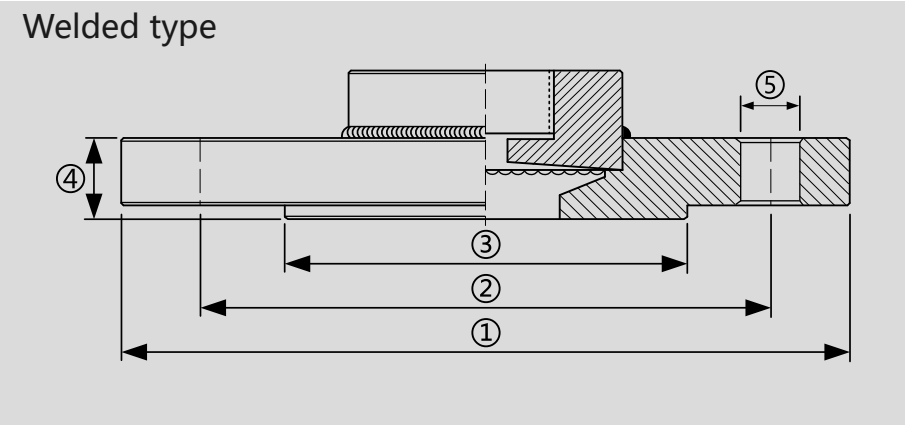
Others

Welded with instrument, flush port, lining (metal or PTFE)

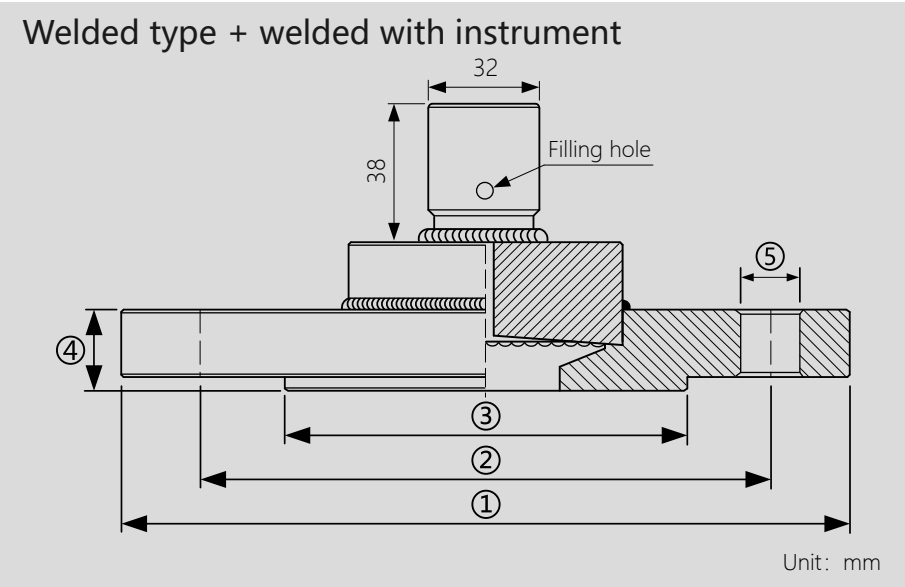
[1] When the diaphragm material is 316L+PTFE, it cannot be used in a vacuum environment.

Dimensions

Welded type



Welded type + welded with instrument



Dimensions

Dimensions (mm)												
ANSI ASME B16.5	150LB	①	②	③	④	⑤	300LB	①	②	③	④	⑤
	1/2"	89	60.3	35	11.2	15x4	1/2"	95	66.7	35	14.3	15x4
	3/4"	98	69.8	43	12.7	15x4	3/4"	118	82.6	43	15.9	19x4
	1"	108	79.4	51	14.3	15x4	1"	124	88.9	51	17.5	19x4
	1 1/4"	117	88.9	64	15.9	15x4	1 1/4"	133	98.4	64	19.1	19x4
	1 1/2"	127	98.4	73	17.5	15x4	1 1/2"	156	114.3	73	20.7	22x4
	2	152	120.6	92	19.1	19x4	2	165	127.0	92	22.3	19x8
	600LB	①	②	③	④	⑤	900LB	①	②	③	④	⑤
	1/2"	95	66.7	35	20.7	15x4	1/2"	121	82.6	35	28.7	22x4
	3/4"	118	82.6	43	22.3	19x4	3/4"	130	88.9	43	31.8	22x4
	1"	124	88.9	51	23.9	19x4	1"	149	101.6	51	35	25x4
	1 1/4"	133	98.4	64	27.1	19x4	1 1/4"	159	111.1	64	35	25x4
	1 1/2"	156	114.3	73	28.7	22x4	1 1/2"	178	123.8	73	38.2	28x4
	2	165	127.0	92	31.8	19x8	2	216	165.1	92	44.5	25x4
	1500LB	①	②	③	④	⑤	2500LB	①	②	③	④	⑤
	1/2"	121	82.5	35	28.7	22x4	1/2"	133	88.9	35	36.6	22x4
	3/4"	130	88.9	43	31.8	22x4	3/4"	140	95.3	43	38.2	22x4
	1"	149	101.6	51	35	25x4	1"	159	108.0	51	41.4	25x4
	1 1/4"	159	111.1	64	35	25x4	1 1/4"	184	130.2	64	44.5	28x4
	1 1/2"	178	123.8	73	38.2	28x4	1 1/2"	203	146.1	73	50.9	31x4
	2	216	165.1	92	44.5	25x8	2	235	171.5	92	57.2	28x8

Dimensions

Dimensions (mm)												
JIS	5K	①	②	③	④	⑤	10K	①	②	③	④	⑤
	15A	80	60	48	9	12x4	15A	95	70	52	12	15x4
	20A	85	65	52	10	12x4	20A	100	75	58	14	15x4
	25A	95	75	62	10	12x4	25A	125	90	70	14	19x4
	32A	115	90	72	12	15x4	32A	135	100	80	16	19x4
	40A	120	95	78	12	15x4	40A	140	105	85	16	19x4
	50A	130	105	88	14	15x4	50A	155	120	100	16	19x4
	16K	①	②	③	④	⑤	20K	①	②	③	④	⑤
	15A	95	70	52	12	15x4	15A	95	70	52	14	15x4
	20A	100	75	58	14	15x4	20A	100	75	58	16	15x4
	25A	125	90	70	14	19x4	25A	125	90	70	16	19x4
	32A	135	100	80	16	19x4	32A	135	100	80	18	19x4
	40A	140	105	85	16	19x4	40A	140	105	85	18	19x4
	50A	155	120	100	16	19x8	50A	155	120	100	18	19x8
	40K	①	②	③	④	⑤	63K	①	②	③	④	⑤
	15A	115	80	55	20	19x4	15A	120	85	55	23	19x4
	20A	120	85	60	20	19x4	20A	135	95	60	25	23x4
	25A	130	95	70	22	19x4	25A	140	100	70	27	23x4
	32A	140	105	80	24	19x4	32A	150	110	80	30	23x4
	40A	160	120	90	24	23x4	40A	175	130	90	32	25x4
	50A	165	130	105	26	19x8	50A	185	145	105	34	25x8

JIS reference table								
JIS	15A	20A	25A	32A	40A	50A	80A	100A
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"

Screw reference table (mm)									
⑤	12	15	19	22/23	25	28	31	34	41
Screw	3/8"	1/2"	5/8"	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 1/2"

Dimensions

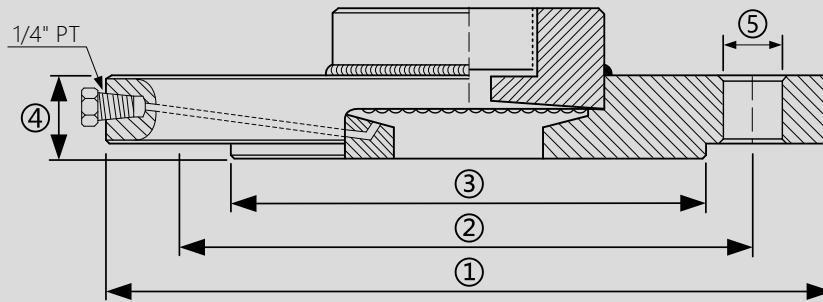
Dimensions (mm)												
DIN 2527	PN6	①	②	③	④	⑤	PN10	①	②	③	④	⑤
	DN15	80	55	40	12	11x4	DN15	95	65	45	14	14x4
	DN20	90	65	50	14	11x4	DN20	105	75	58	16	14x4
	DN25	100	75	60	14	11x4	DN25	115	85	68	16	14x4
	DN32	120	90	70	14	14x4	DN32	140	100	78	16	18x4
	DN40	130	100	80	14	14x4	DN40	150	110	88	16	18x4
	DN50	140	110	90	14	14x4	DN50	165	125	102	18	18x4
	PN16	①	②	③	④	⑤	PN25	①	②	③	④	⑤
	DN15	95	65	45	14	14x4	DN15	95	65	45	16	14x4
	DN20	105	75	58	16	14x4	DN20	105	75	58	18	14x4
	DN25	115	85	68	16	14x4	DN25	115	85	68	18	14x4
	DN32	140	100	78	16	18x4	DN32	140	100	78	18	18x4
	DN40	150	110	88	16	18x4	DN40	150	110	88	18	18x4
	DN50	165	125	102	18	18x4	DN50	165	125	102	20	18x4
	PN40	①	②	③	④	⑤	PN64	①	②	③	④	⑤
	DN15	95	65	45	16	14x4	DN15	105	75	45	20	14x4
	DN20	105	75	58	18	14x4	DN20	-	-	-	-	-
	DN25	115	85	68	18	14x4	DN25	140	100	68	24	18x4
	DN32	140	100	78	18	18x4	DN32	155	110	78	24	22x4
	DN40	150	110	88	18	18x4	DN40	170	125	88	26	22x4
	DN50	165	125	102	20	18x4	DN50	180	135	102	26	22x4

DIN reference table								
DIN 2527	DN15	DN20	DN25	DN32	DN40	DN50	DN80	DN100
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"

Screw reference table (mm)					
⑤	11	14	18	22/23	26
Screw	M10	M12	M16	M20	M27

Dimensions

Welded type + flush port



Dimensions (mm)

	Dimensions (mm)											
	150LB	①	②	③	④	⑤	300LB	①	②	③	④	⑤
ANSI ASME B16.5	1/2"	89	60.3	35	19	15x4	1/2"	95	66.7	35	19	15x4
	3/4"	98	69.8	43	19	15x4	3/4"	118	82.6	43	19	19x4
	1"	108	79.4	51	19	15x4	1"	124	88.9	51	19	19x4
	1 1/4"	117	88.9	64	19	15x4	1 1/4"	133	98.4	64	19.1	19x4
	1 1/2"	127	98.4	73	19	15x4	1 1/2"	156	114.3	73	20.7	22x4
	2	152	120.6	92	19.1	19x4	2	165	127.0	92	22.3	19x8
	600LB	①	②	③	④	⑤	900LB	①	②	③	④	⑤
	1/2"	95	66.7	35	20.7	15x4	1/2"	121	82.6	35	28.7	22x4
	3/4"	118	82.6	43	22.3	19x4	3/4"	130	88.9	43	31.8	22x4
	1"	124	88.9	51	23.9	19x4	1"	149	101.6	51	35	25x4
	1 1/4"	133	98.4	64	27.1	19x4	1 1/4"	159	111.1	64	35	25x4
	1 1/2"	156	114.3	73	28.7	22x4	1 1/2"	178	123.8	73	38.2	28x4
	2	165	127.0	92	31.8	19x8	2	216	165.1	92	44.5	25x8
	1500LB	①	②	③	④	⑤	2500LB	①	②	③	④	⑤
	1/2"	121	82.6	35	28.7	22x4	1/2"	133	88.9	35	36.6	22x4
	3/4"	130	88.9	43	31.8	22x4	3/4"	140	95.3	43	38.2	22x4
	1"	149	101.6	51	35.0	25x4	1"	159	108.0	51	41.4	25x4
	1 1/4"	159	111.1	64	35.0	25x4	1 1/4"	184	130.2	64	44.5	28x4
	1 1/2"	178	123.8	73	38.2	28x4	1 1/2"	203	146.1	73	50.9	31x4
	2	216	165.1	92	44.5	25x8	2	235	171.5	92	57.2	28x8

Dimensions

Dimensions (mm)												
JIS	5K	①	②	③	④	⑤	10K	①	②	③	④	⑤
	15A	80	60	48	19	12x4	15A	95	70	52	19	15x4
	20A	85	65	52	19	12x4	20A	100	75	58	19	15x4
	25A	95	75	62	19	12x4	25A	125	90	70	19	19x4
	32A	115	90	72	19	15x4	32A	135	100	80	19	19x4
	40A	120	95	78	19	15x4	40A	140	105	85	19	19x4
	50A	130	105	88	19	15x4	50A	155	120	100	19	19x4
	16K	①	②	③	④	⑤	20K	①	②	③	④	⑤
	15A	95	70	52	19	15x4	15A	95	70	52	19	15x4
	20A	100	75	58	19	15x4	20A	100	75	58	19	15x4
	25A	125	90	70	19	19x4	25A	125	90	70	19	19x4
	32A	135	100	80	19	19x4	32A	135	100	80	19	19x4
	40A	140	105	85	19	19x4	40A	140	105	85	19	19x4
	50A	155	120	100	19	19x8	50A	155	120	100	19	19x8
	40K	①	②	③	④	⑤	63K	①	②	③	④	⑤
	15A	115	80	55	20	19x4	15A	120	85	55	23	19x4
	20A	120	85	60	20	19x4	20A	135	95	60	25	23x4
	25A	130	95	70	22	19x4	25A	140	100	70	27	23x4
	32A	140	105	80	24	19x4	32A	150	110	80	30	23x4
	40A	160	120	90	24	23x4	40A	175	130	90	32	25x4
	50A	165	130	105	26	19x8	50A	185	145	105	34	25x8

JIS reference table								
JIS	15A	20A	25A	32A	40A	50A	80A	100A
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"

Screw reference table (mm)									
⑤	12	15	19	22/23	25	28	31	34	41
Screw	3/8"	1/2"	5/8"	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 1/2"

Dimensions

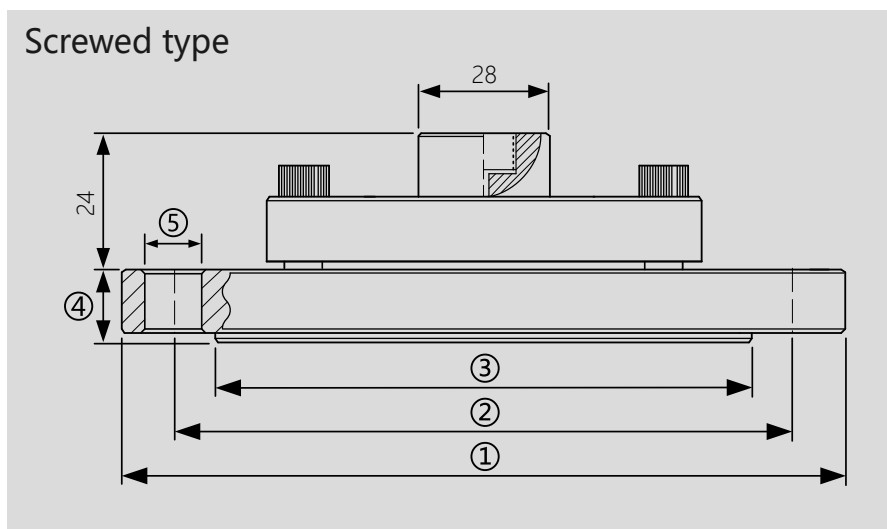
Dimensions (mm)												
DIN 2527	PN6	①	②	③	④	⑤	PN10	①	②	③	④	⑤
	DN15	80	55	40	19	11x4	DN15	95	65	45	19	14x4
	DN20	90	65	50	19	11x4	DN20	105	75	58	19	14x4
	DN25	100	75	60	19	11x4	DN25	115	85	68	19	14x4
	DN32	120	90	70	19	14x4	DN32	140	100	78	19	18x4
	DN40	130	100	80	19	14x4	DN40	150	110	88	19	18x4
	DN50	140	110	90	19	14x4	DN50	165	125	102	19	18x4
	PN16	①	②	③	④	⑤	PN25	①	②	③	④	⑤
	DN15	95	65	45	19	14x4	DN15	95	65	45	19	14x4
	DN20	105	75	58	19	14x4	DN20	105	75	58	19	14x4
	DN25	115	85	68	19	14x4	DN25	115	85	68	19	14x4
	DN32	140	100	78	19	18x4	DN32	140	100	78	19	18x4
	DN40	150	110	88	19	18x4	DN40	150	110	88	19	18x4
	DN50	165	125	102	19	18x4	DN50	165	125	102	20	18x4
	PN40	①	②	③	④	⑤	PN64	①	②	③	④	⑤
	DN15	95	65	45	19	14x4	DN15	105	75	45	20	14x4
	DN20	105	75	58	19	14x4	DN20	-	-	-	-	-
	DN25	115	85	68	19	14x4	DN25	140	100	68	24	18x4
	DN32	140	100	78	19	18x4	DN32	155	110	78	24	22x4
	DN40	150	110	88	19	18x4	DN40	170	125	88	26	22x4
	DN50	165	125	102	20	18x4	DN50	180	135	102	26	22x4

DIN reference table								
DIN 2527	DN15	DN20	DN25	DN32	DN40	DN50	DN80	DN100
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"

Screw reference table (mm)					
⑤	11	14	18	22/23	26
Screw	M10	M12	M16	M20	M27

Dimensions

Screwed type



Dimensions (mm)												
ANSI ASME B16.5	150LB	①	②	③	④	⑤	300LB	①	②	③	④	⑤
	1 1/2"	127	98.4	73	17.5	15x4	1 1/2"	156	114.3	73	20.7	22x4
	2"	152	120.6	92	19.1	19x4	2"	165	127.0	92	22.3	19x8
	3"	191	152.4	127	23.9	19x4	3"	210	168.3	127	28.6	22x8
	4"	229	190.5	157	23.9	19x8	4"	254	200.0	157	31.8	22x8
	600LB	①	②	③	④	⑤	900LB	①	②	③	④	⑤
	1 1/2"	156	114.3	73	28.7	22x4	1 1/2"	178	123.8	73	38.2	28x4
	2"	165	127.0	92	31.8	19x8	2"	216	165.1	92	44.5	25x8
	3"	210	168.1	127	38.2	22x8	3"	241	190.5	127	44.5	25x8
	4"	273	215.9	157	44.5	25x8	4"	292	235.0	157	50.9	31x8
	1500LB	①	②	③	④	⑤	2500LB	①	②	③	④	⑤
	1 1/2"	178	123.8	73	38.2	28x4	1 1/2"	203	146.1	73	50.9	31x4
	2"	216	165.1	92	44.5	25x8	2"	235	171.5	92	57.2	28x8
	3"	267	203.2	127	54.1	31x8	3"	305	228.6	127	73.1	34x8
	4"	311	241.3	157	60.4	34x8	4"	356	273.1	157	82.6	41x8

Dimensions

Dimensions (mm)												
JIS	5K	①	②	③	④	⑤	10K	①	②	③	④	⑤
	40A	120	95	78	12	15x4	40A	140	105	85	16	19x4
	50A	130	105	88	14	15x4	50A	155	120	100	16	19x4
	80A	180	145	125	14	19x4	80A	185	115	130	18	19x8
	100A	200	165	145	16	19x4	100A	210	175	155	18	19x8
	16K	①	②	③	④	⑤	20K	①	②	③	④	⑤
	40A	140	105	85	16	19x4	40A	140	105	85	18	19x4
	50A	155	120	100	16	19x8	50A	155	120	100	18	19x8
	80A	200	160	135	20	22x8	80A	200	160	135	22	23x8
	100A	225	185	160	22	22x8	100A	225	185	160	24	23x8
	40K	①	②	③	④	⑤	63K	①	②	③	④	⑤
	40A	160	120	90	24	23x4	40A	175	130	90	32	25x4
	50A	165	130	105	26	19x8	50A	185	145	105	34	25x8
	80A	210	170	140	32	23x8	80A	230	185	140	40	25x8
	100A	250	205	165	36	25x8	100A	270	220	165	44	27x8

JIS reference table								
JIS	15A	20A	25A	32A	40A	50A	80A	100A
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"

Screw reference table (mm)									
⑤	12	15	19	22/23	25	28	31	34	41
Screw	3/8"	1/2"	5/8"	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 1/2"

Dimensions

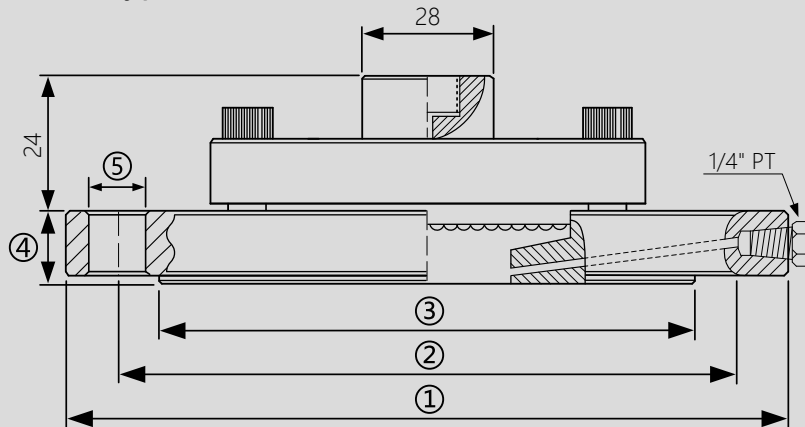
Dimensions (mm)												
DIN 2527	PN6	①	②	③	④	⑤	PN10	①	②	③	④	⑤
	DN40	130	100	80	14	14x4	DN40	150	110	88	16	18x4
	DN50	140	110	90	14	14x4	DN50	165	125	102	18	18x4
	DN80	190	150	128	16	18x4	DN80	200	160	138	20	18x4
	DN100	210	170	148	16	18x4	DN100	220	180	158	20	18x8
	PN16	①	②	③	④	⑤	PN25	①	②	③	④	⑤
	DN40	150	110	88	16	18x4	DN40	150	110	88	18	18x4
	DN50	165	125	102	18	18x4	DN50	165	125	102	20	18x4
	DN80	200	160	138	20	18x8	DN80	200	160	138	24	18x8
	DN100	220	180	158	20	18x8	DN100	235	190	162	24	23x8
	PN40	①	②	③	④	⑤	PN64	①	②	③	④	⑤
	DN40	150	110	88	18	18x4	DN40	170	125	88	26	22x4
	DN50	165	125	102	20	18x4	DN50	180	135	102	26	22x4
	DN80	200	160	138	24	18x8	DN80	215	170	138	28	22x8
	DN100	235	190	162	24	23x8	DN100	250	200	162	30	26x8

DIN reference table								
DIN 2527	DN15	DN20	DN25	DN32	DN40	DN50	DN80	DN100
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"

Screw reference table (mm)					
⑤	11	14	18	22/23	26
Screw	M10	M12	M16	M20	M27

Dimensions

Screwed type + flush port



Dimensions (mm)												
ANSI ASME B16.5	150LB	①	②	③	④	⑤	300LB	①	②	③	④	⑤
	1 1/2"	127	98.4	73	19	15x4	1 1/2"	156	114.3	73	20.7	22x4
	2"	152	120.6	92	19.1	19x4	2"	165	127.0	92	22.3	19x8
	3"	191	152.4	127	23.9	19x4	3"	210	168.3	127	28.6	22x8
	4"	229	190.5	157	23.9	19x8	4"	254	200.0	157	31.8	22x8
	600LB	①	②	③	④	⑤	900LB	①	②	③	④	⑤
	1 1/2"	156	114.3	73	28.7	22x4	1 1/2"	178	123.8	73	38.2	28x4
	2"	165	127.0	92	31.8	19x8	2"	216	165.1	92	44.5	25x8
	3"	210	168.1	127	38.2	22x8	3"	241	190.5	127	44.5	25x8
	4"	273	215.9	157	44.5	25x8	4"	292	235.0	157	50.9	31x8
	1500LB	①	②	③	④	⑤	2500LB	①	②	③	④	⑤
	1 1/2"	178	123.8	73	38.2	28x4	1 1/2"	203	146.1	73	50.9	31x4
	2"	216	165.1	92	44.5	25x8	2"	235	171.5	92	57.2	28x8
	3"	267	203.2	127	54.1	31x8	3"	305	228.6	127	73.1	34x8
	4"	311	241.3	157	60.4	34x8	4"	356	273.1	157	82.6	41x8

Dimensions

Dimensions (mm)												
JIS	5K	①	②	③	④	⑤	10K	①	②	③	④	⑤
	40A	120	95	78	19	15x4	40A	140	105	85	19	19x4
	50A	130	105	88	19	15x4	50A	155	120	100	19	19x4
	80A	180	145	125	19	19x4	80A	185	150	130	19	19x8
	100A	200	165	145	19	19x4	100A	210	175	155	19	19x8
	16K	①	②	③	④	⑤	20K	①	②	③	④	⑤
	40A	140	105	85	19	19x4	40A	140	105	85	18	19x4
	50A	155	120	100	19	19x8	50A	155	120	100	18	19x8
	80A	200	160	135	20	22x8	80A	200	160	135	22	23x8
	100A	225	185	160	22	22x8	100A	225	185	160	24	23x8
	40K	①	②	③	④	⑤	63K	①	②	③	④	⑤
	40A	160	120	90	24	23x4	40A	175	130	90	32	25x4
	50A	165	130	105	26	19x8	50A	185	145	105	34	25x8
	80A	210	170	140	32	23x8	80A	230	185	140	40	25x8
	100A	250	205	165	36	25x8	100A	270	220	165	44	27 x8

JIS reference table								
JIS	15A	20A	25A	32A	40A	50A	80A	100A
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"

Screw reference table (mm)									
⑤	12	15	19	22/23	25	28	31	34	41
Screw	3/8"	1/2"	5/8"	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 1/2"

Dimensions

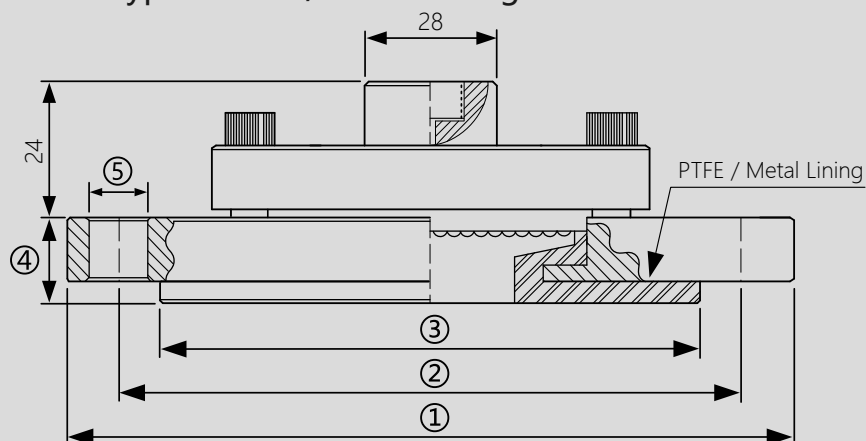
Dimensions (mm)												
DIN 2527	PN6	①	②	③	④	⑤	PN10	①	②	③	④	⑤
	DN40	130	100	80	19	14x4	DN40	150	110	88	19	18x4
	DN50	140	110	90	19	14x4	DN50	165	125	102	19	18x4
	DN80	190	150	128	19	18x4	DN80	200	160	138	20	18x4
	DN100	210	170	148	19	18x4	DN100	220	180	158	20	18x8
	PN16	①	②	③	④	⑤	PN25	①	②	③	④	⑤
	DN40	150	110	88	19	18x4	DN40	150	110	88	19	18x4
	DN50	165	125	102	19	18x4	DN50	165	125	102	20	18x4
	DN80	200	160	138	20	18x8	DN80	200	160	138	24	18x8
	DN100	220	180	158	20	18x8	DN100	235	190	162	24	23x8
	PN40	①	②	③	④	⑤	PN64	①	②	③	④	⑤
	DN40	150	110	88	19	18x4	DN40	170	125	88	26	22x4
	DN50	165	125	102	20	18x4	DN50	180	135	102	26	22x4
	DN80	200	160	138	24	18x8	DN80	215	170	138	28	22x8
	DN100	235	190	162	24	23x8	DN100	250	200	162	30	26x8

DIN reference table								
DIN 2527	DN15	DN20	DN25	DN32	DN40	DN50	DN80	DN100
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"

Screw reference table (mm)					
⑤	11	14	18	22/23	26
Screw	M10	M12	M16	M20	M27

Dimensions

Screwed type + PTFE / Metal Lining



Dimensions (mm)

ANSI ASME B16.5	150LB	①	②	③	④	⑤	300LB	①	②	③	④	⑤
	1 1/2"	127	98.4	73	20.5	15x4	1 1/2"	156	114.3	73	23.7	22x4
	2"	152	120.6	92	22.1	19x4	2"	165	127.0	92	25.3	19x8
	3"	191	152.4	127	26.9	19x4	3"	210	168.3	127	31.6	22x8
	4"	229	190.5	157	26.9	19x8	4"	254	200.0	157	34.8	22x8
	600LB	①	②	③	④	⑤	900LB	①	②	③	④	⑤
	1 1/2"	156	114.3	73	31.7	22x4	1 1/2"	178	123.8	73	41.2	28x4
	2"	165	127.0	92	34.8	19x8	2"	216	165.1	92	47.5	25x8
	3"	210	168.1	127	41.2	22x8	3"	241	190.5	127	47.5	25x8
	4"	273	215.9	157	47.5	25x8	4"	292	235.0	157	53.9	31x8
	1500LB	①	②	③	④	⑤	2500LB	①	②	③	④	⑤
	1 1/2"	178	123.8	73	41.2	28x4	1 1/2"	203	146.1	73	53.9	31x4
	2"	216	165.1	92	47.5	25x8	2"	235	171.5	92	60.2	28x8
	3"	267	203.2	127	57.1	31x8	3"	305	228.6	127	76.1	34x8
	4"	311	241.3	157	63.4	34x8	4"	356	273.1	157	85.6	41x8

Dimensions

Dimensions (mm)												
JIS	5K	①	②	③	④	⑤	10K	①	②	③	④	⑤
	40A	120	95	78	15	15x4	40A	140	105	85	19	19x4
	50A	130	105	88	17	15x4	50A	155	120	100	19	19x4
	80A	180	145	125	17	19x4	80A	185	150	130	21	19x8
	100A	200	165	145	19	19x4	100A	210	175	155	21	19x8
	16K	①	②	③	④	⑤	20K	①	②	③	④	⑤
	40A	140	105	85	19	19x4	40A	140	105	85	21	19x4
	50A	155	120	100	19	19x8	50A	155	120	100	21	19x8
	80A	200	160	135	23	22x8	80A	200	160	135	25	23x8
	100A	225	185	160	25	22x8	100A	225	185	160	27	23x8
	40K	①	②	③	④	⑤	63K	①	②	③	④	⑤
	40A	160	120	90	27	23x4	40A	175	130	90	35	25x4
	50A	165	130	105	29	19x8	50A	185	145	105	37	25x8
	80A	210	170	140	35	23x8	80A	230	185	140	43	25x8
	100A	250	205	165	39	25x8	100A	270	220	165	47	27x8

JIS reference table								
JIS	15A	20A	25A	32A	40A	50A	80A	100A
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"

Screw reference table (mm)									
⑤	12	15	19	22/23	25	28	31	34	41
Screw	3/8"	1/2"	5/8"	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 1/2"

Dimensions

Dimensions (mm)												
DIN 2527	PN6	①	②	③	④	⑤	PN10	①	②	③	④	⑤
	DN40	130	100	80	17	14x4	DN40	150	110	88	19	18x4
	DN50	140	110	90	17	14x4	DN50	165	125	102	21	18x4
	DN80	190	150	128	19	18x4	DN80	200	160	138	23	18x4
	DN100	210	170	148	19	18x4	DN100	220	180	158	23	18x8
	PN16	①	②	③	④	⑤	PN25	①	②	③	④	⑤
	DN40	150	110	88	19	18x4	DN40	150	110	88	21	18x4
	DN50	165	125	102	21	18x4	DN50	165	125	102	23	18x4
	DN80	200	160	138	23	18x8	DN80	200	160	138	27	18x8
	DN100	220	180	158	23	18x8	DN100	235	190	162	27	23x8
	PN40	①	②	③	④	⑤	PN64	①	②	③	④	⑤
	DN40	150	110	88	21	18x4	DN40	170	125	88	29	22x4
	DN50	165	125	102	23	18x4	DN50	180	135	102	29	22x4
	DN80	200	160	138	27	18x8	DN80	215	170	138	31	22x8
	DN100	235	190	162	27	23x8	DN100	250	200	162	33	26x8

DIN reference table								
DIN 2527	DN15	DN20	DN25	DN32	DN40	DN50	DN80	DN100
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"

Screw reference table (mm)					
⑤	11	14	18	22/23	26
Screw	M10	M12	M16	M20	M27

※ Ordering information

Model / Type / Process connection / Nominal diameter / Material / Medium temperature /
Connection location of pressure gauge / Nominal size / Scale range / Options

For any changes to the specifications of this catalogue, the latest version shall prevail.



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