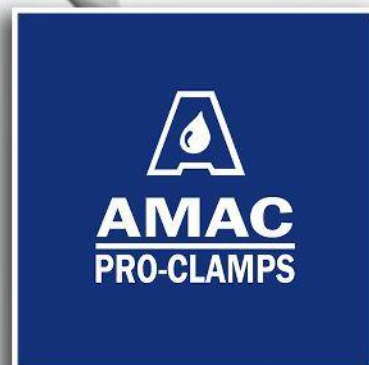




# SERIE HLC-MF

CILINDRO  
HIDRÁULICO  
DE SUJECCIÓN  
DE LEVA  
CON MANIFOLD  
Y CONTROL  
DE FLUJO





# HLC-MF 25

Cilindro De Sujeción  
Hidráulico De Leva  
Con Manifold Y Control  
De Flujo



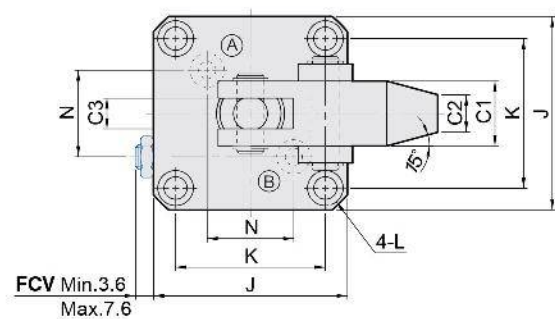
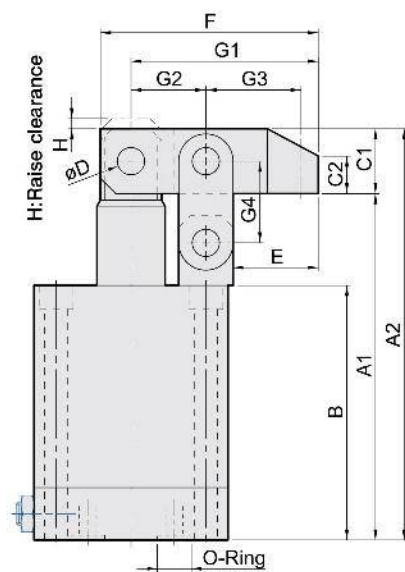


**AMAC**  
**PRO-CLAMPS**

## Características & Dimensiones

| SERIE                                                     |                                                    | HLC-MF      |              |               |               |
|-----------------------------------------------------------|----------------------------------------------------|-------------|--------------|---------------|---------------|
| Diámetro Del Cilindro                                     | Ø25                                                | Ø32         | Ø40          | Ø50           | Ø60           |
| Diámetro Del Vástago Del Pistón                           | Ø18.00                                             | Ø20.00      | Ø22.40       | Ø28.00        | Ø35.00        |
| Carrera Total                                             | 25.00                                              | 25.00       | 30.00        | 34.00         | 40.00         |
| Área De Presión<br>(Jalar/Empujar) (cm <sup>2</sup> )     | 2.37 / 4.91                                        | 4.90 / 8.04 | 8.63 / 12.57 | 13.47 / 19.63 | 21.55 / 31.17 |
| Fuerza De Sujeción Teórica<br>(30.00 Kg/cm <sup>2</sup> ) | 116.00                                             | 191.00      | 287.00       | 453.00        | 701.00        |
| Tipo De Fluido                                            | Aceite Hidráulico Filtrado                         |             |              |               |               |
| Presión Máxima De Operación                               | 70.00 Kg/cm <sup>2</sup>                           |             |              |               |               |
| Rango De Presión De Operación                             | 5.00 Kg/cm <sup>2</sup> ~ 70.00 Kg/cm <sup>2</sup> |             |              |               |               |
| Tipo De Actuador                                          | Doble Acción                                       |             |              |               |               |

\*\*\*\* Todas las dimensiones estaban dadas en milímetros.



|   |                      |
|---|----------------------|
| Ⓐ | Puerto de Sujeción   |
| Ⓑ | Puerto de Liberación |

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## Características & Dimensiones

| SERIE        |                           | HLC-MF                   |                          |                          |                            |
|--------------|---------------------------|--------------------------|--------------------------|--------------------------|----------------------------|
| Modelo       | HLC-MF 25                 | HLC-MF 32                | HLC-MF 40                | HLCF-M 50                | HLC-MF 63                  |
| A1           | 112.00                    | 115.00                   | 130.00                   | 145.00                   | 155.00                     |
| A2           | 131.00                    | 134.00                   | 152.20                   | 170.40                   | 186.80                     |
| B            | 85.00                     | 88.00                    | 98.00                    | 108.00                   | 111.00                     |
| C1           | ■ 19.00                   | ■ 19.00                  | ■ 22.20                  | ■ 25.40                  | ■ 31.80                    |
| C2           | 11.00                     | 11.00                    | 13.00                    | 15.00                    | 19.00                      |
| C3           | 9.00                      | 9.00                     | 10.00                    | 11.00                    | 15.00                      |
| ØD           | Ø8.00                     | Ø8.00                    | Ø10.00                   | Ø12.00                   | Ø15.00                     |
| E            | 25.00                     | 25.00                    | 30.00                    | 35.50                    | 43.00                      |
| F            | 61.00                     | 64.00                    | 77.00                    | 90.00                    | 110.00                     |
| G1           | 55.00                     | 55.00                    | 66.00                    | 77.00                    | 94.00                      |
| G2           | 22.00                     | 22.00                    | 26.00                    | 30.00                    | 36.00                      |
| G3           | 28.00                     | 28.00                    | 34.00                    | 39.00                    | 48.00                      |
| G4           | 24.00                     | 24.00                    | 29.00                    | 33.00                    | 39.00                      |
| H            | 3.00                      | 3.00                     | 4.00                     | 4.00                     | 4.00                       |
| ØI           | -                         | -                        | -                        | -                        | -                          |
| J            | 55.00                     | 57.00                    | 69.00                    | 75.00                    | 96.00                      |
| K            | 42.00                     | 44.00                    | 52.00                    | 58.00                    | 75.00                      |
| L            | Ø6.80 x Ø10.50 x<br>6.50D | Ø6.80 x 10.50 x<br>6.50D | Ø9.00 x 14.00 x<br>9.00D | Ø9.00 x 14.00 x<br>9.00D | Ø11.00 x 18.00 x<br>11.00D |
| M            | -                         | -                        | -                        | -                        | -                          |
| N            | 19.00                     | 21.00                    | 23.00                    | 28.00                    | 38.00                      |
| Sello O'Ring | P7                        | P7                       | P9                       | P9                       | P9                         |

\*\*\*\* Todas las dimensiones estaban dadas en milímetros.

# HLC-MF 32

Cilindro De Sujeción  
Hidráulico De Leva  
Con Manifold Y Control  
De Flujo





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**PRO-CLAMPS**

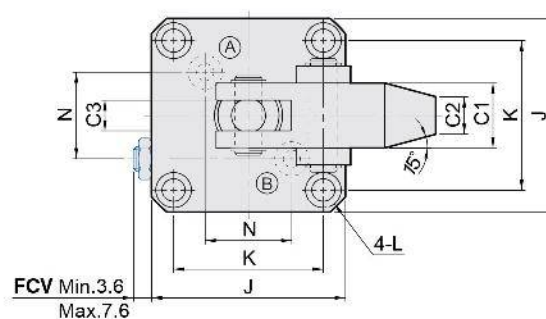
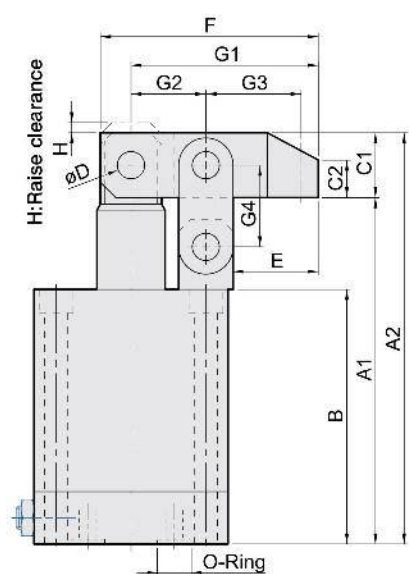
## Características & Dimensiones

| SERIE                                                     |                                                    | HLC-MF      |              |               |               |
|-----------------------------------------------------------|----------------------------------------------------|-------------|--------------|---------------|---------------|
| Diámetro Del Cilindro                                     | Ø25                                                | Ø32         | Ø40          | Ø50           | Ø60           |
| Diámetro Del Vástago Del Pistón                           | Ø18.00                                             | Ø20.00      | Ø22.40       | Ø28.00        | Ø35.00        |
| Carrera Total                                             | 25.00                                              | 25.00       | 30.00        | 34.00         | 40.00         |
| Área De Presión<br>(Jalar/Empujar) (cm <sup>2</sup> )     | 2.37 / 4.91                                        | 4.90 / 8.04 | 8.63 / 12.57 | 13.47 / 19.63 | 21.55 / 31.17 |
| Fuerza De Sujeción Teórica<br>(30.00 Kg/cm <sup>2</sup> ) | 116.00                                             | 191.00      | 287.00       | 453.00        | 701.00        |
| Tipo De Fluido                                            | Aceite Hidráulico Filtrado                         |             |              |               |               |
| Presión Máxima De Operación                               | 70.00 Kg/cm <sup>2</sup>                           |             |              |               |               |
| Rango De Presión De Operación                             | 5.00 Kg/cm <sup>2</sup> ~ 70.00 Kg/cm <sup>2</sup> |             |              |               |               |
| Tipo De Actuador                                          | Doble Acción                                       |             |              |               |               |

\*\*\*\* Todas las dimensiones estaban dadas en milímetros.



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FCV Min.3.6  
Max.7.6

|   |                      |
|---|----------------------|
| Ⓐ | Puerto de Sujeción   |
| Ⓑ | Puerto de Liberación |

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**PRO-CLAMPS**

## Características & Dimensiones

| SERIE        |                           | HLC-MF                   |                          |                          |                            |
|--------------|---------------------------|--------------------------|--------------------------|--------------------------|----------------------------|
| Modelo       | HLC-MF 25                 | HLC-MF 32                | HLC-MF 40                | HLCF-M 50                | HLC-MF 63                  |
| A1           | 112.00                    | 115.00                   | 130.00                   | 145.00                   | 155.00                     |
| A2           | 131.00                    | 134.00                   | 152.20                   | 170.40                   | 186.80                     |
| B            | 85.00                     | 88.00                    | 98.00                    | 108.00                   | 111.00                     |
| C1           | ■ 19.00                   | ■ 19.00                  | ■ 22.20                  | ■ 25.40                  | ■ 31.80                    |
| C2           | 11.00                     | 11.00                    | 13.00                    | 15.00                    | 19.00                      |
| C3           | 9.00                      | 9.00                     | 10.00                    | 11.00                    | 15.00                      |
| ØD           | Ø8.00                     | Ø8.00                    | Ø10.00                   | Ø12.00                   | Ø15.00                     |
| E            | 25.00                     | 25.00                    | 30.00                    | 35.50                    | 43.00                      |
| F            | 61.00                     | 64.00                    | 77.00                    | 90.00                    | 110.00                     |
| G1           | 55.00                     | 55.00                    | 66.00                    | 77.00                    | 94.00                      |
| G2           | 22.00                     | 22.00                    | 26.00                    | 30.00                    | 36.00                      |
| G3           | 28.00                     | 28.00                    | 34.00                    | 39.00                    | 48.00                      |
| G4           | 24.00                     | 24.00                    | 29.00                    | 33.00                    | 39.00                      |
| H            | 3.00                      | 3.00                     | 4.00                     | 4.00                     | 4.00                       |
| ØI           | -                         | -                        | -                        | -                        | -                          |
| J            | 55.00                     | 57.00                    | 69.00                    | 75.00                    | 96.00                      |
| K            | 42.00                     | 44.00                    | 52.00                    | 58.00                    | 75.00                      |
| L            | Ø6.80 x Ø10.50 x<br>6.50D | Ø6.80 x 10.50 x<br>6.50D | Ø9.00 x 14.00 x<br>9.00D | Ø9.00 x 14.00 x<br>9.00D | Ø11.00 x 18.00 x<br>11.00D |
| M            | -                         | -                        | -                        | -                        | -                          |
| N            | 19.00                     | 21.00                    | 23.00                    | 28.00                    | 38.00                      |
| Sello O'Ring | P7                        | P7                       | P9                       | P9                       | P9                         |

\*\*\*\* Todas las dimensiones estaban dadas en milímetros.

# HLC-MF 40

Cilindro De Sujeción  
Hidráulico De Leva  
Con Manifold Y Control  
De Flujo



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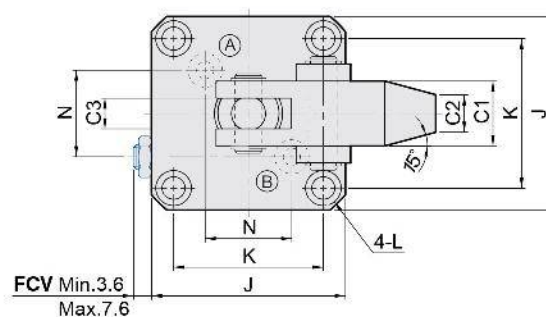
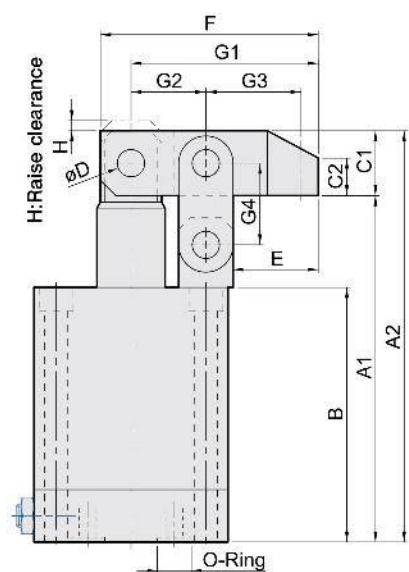
## Características & Dimensiones

| SERIE                                                     |                                                    | HLC-MF      |              |               |               |
|-----------------------------------------------------------|----------------------------------------------------|-------------|--------------|---------------|---------------|
| Diámetro Del Cilindro                                     | Ø25                                                | Ø32         | Ø40          | Ø50           | Ø60           |
| Diámetro Del Vástago Del Pistón                           | Ø18.00                                             | Ø20.00      | Ø22.40       | Ø28.00        | Ø35.00        |
| Carrera Total                                             | 25.00                                              | 25.00       | 30.00        | 34.00         | 40.00         |
| Área De Presión<br>(Jalar/Empujar) (cm <sup>2</sup> )     | 2.37 / 4.91                                        | 4.90 / 8.04 | 8.63 / 12.57 | 13.47 / 19.63 | 21.55 / 31.17 |
| Fuerza De Sujeción Teórica<br>(30.00 Kg/cm <sup>2</sup> ) | 116.00                                             | 191.00      | 287.00       | 453.00        | 701.00        |
| Tipo De Fluido                                            | Aceite Hidráulico Filtrado                         |             |              |               |               |
| Presión Máxima De Operación                               | 70.00 Kg/cm <sup>2</sup>                           |             |              |               |               |
| Rango De Presión De Operación                             | 5.00 Kg/cm <sup>2</sup> ~ 70.00 Kg/cm <sup>2</sup> |             |              |               |               |
| Tipo De Actuador                                          | Doble Acción                                       |             |              |               |               |

\*\*\*\* Todas las dimensiones estaban dadas en milímetros.



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|   |                      |
|---|----------------------|
| Ⓐ | Puerto de Sujeción   |
| Ⓑ | Puerto de Liberación |

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## Características & Dimensiones

| SERIE        | HLC-MF                    |                          |                          |                          |                            |
|--------------|---------------------------|--------------------------|--------------------------|--------------------------|----------------------------|
| Modelo       | HLC-MF 25                 | HLC-MF 32                | HLC-MF 40                | HLCF-M 50                | HLC-MF 63                  |
| A1           | 112.00                    | 115.00                   | 130.00                   | 145.00                   | 155.00                     |
| A2           | 131.00                    | 134.00                   | 152.20                   | 170.40                   | 186.80                     |
| B            | 85.00                     | 88.00                    | 98.00                    | 108.00                   | 111.00                     |
| C1           | ■ 19.00                   | ■ 19.00                  | ■ 22.20                  | ■ 25.40                  | ■ 31.80                    |
| C2           | 11.00                     | 11.00                    | 13.00                    | 15.00                    | 19.00                      |
| C3           | 9.00                      | 9.00                     | 10.00                    | 11.00                    | 15.00                      |
| ØD           | Ø8.00                     | Ø8.00                    | Ø10.00                   | Ø12.00                   | Ø15.00                     |
| E            | 25.00                     | 25.00                    | 30.00                    | 35.50                    | 43.00                      |
| F            | 61.00                     | 64.00                    | 77.00                    | 90.00                    | 110.00                     |
| G1           | 55.00                     | 55.00                    | 66.00                    | 77.00                    | 94.00                      |
| G2           | 22.00                     | 22.00                    | 26.00                    | 30.00                    | 36.00                      |
| G3           | 28.00                     | 28.00                    | 34.00                    | 39.00                    | 48.00                      |
| G4           | 24.00                     | 24.00                    | 29.00                    | 33.00                    | 39.00                      |
| H            | 3.00                      | 3.00                     | 4.00                     | 4.00                     | 4.00                       |
| ØI           | -                         | -                        | -                        | -                        | -                          |
| J            | 55.00                     | 57.00                    | 69.00                    | 75.00                    | 96.00                      |
| K            | 42.00                     | 44.00                    | 52.00                    | 58.00                    | 75.00                      |
| L            | Ø6.80 x Ø10.50 x<br>6.50D | Ø6.80 x 10.50 x<br>6.50D | Ø9.00 x 14.00 x<br>9.00D | Ø9.00 x 14.00 x<br>9.00D | Ø11.00 x 18.00 x<br>11.00D |
| M            | -                         | -                        | -                        | -                        | -                          |
| N            | 19.00                     | 21.00                    | 23.00                    | 28.00                    | 38.00                      |
| Sello O'Ring | P7                        | P7                       | P9                       | P9                       | P9                         |

\*\*\*\* Todas las dimensiones estaban dadas en milímetros.

# HLC-MF 50

Cilindro De Sujeción  
Hidráulico De Leva  
Con Manifold Y Control  
De Flujo





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**PRO-CLAMPS**

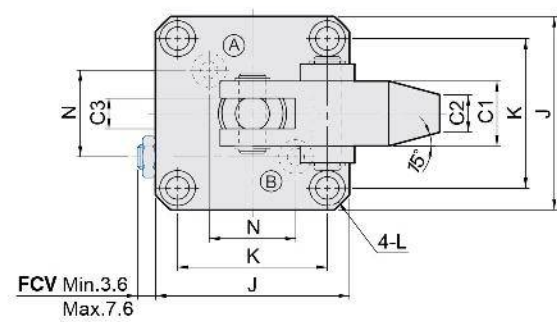
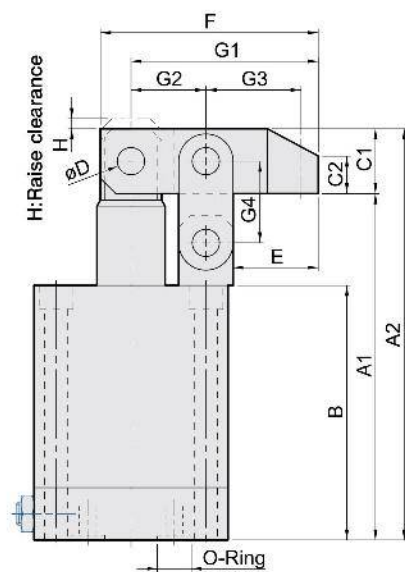
## Características & Dimensiones

| SERIE                                                     |                                                    | HLC-MF      |              |               |               |
|-----------------------------------------------------------|----------------------------------------------------|-------------|--------------|---------------|---------------|
| Diámetro Del Cilindro                                     | Ø25                                                | Ø32         | Ø40          | Ø50           | Ø60           |
| Diámetro Del Vástago Del Pistón                           | Ø18.00                                             | Ø20.00      | Ø22.40       | Ø28.00        | Ø35.00        |
| Carrera Total                                             | 25.00                                              | 25.00       | 30.00        | 34.00         | 40.00         |
| Área De Presión<br>(Jalar/Empujar) (cm <sup>2</sup> )     | 2.37 / 4.91                                        | 4.90 / 8.04 | 8.63 / 12.57 | 13.47 / 19.63 | 21.55 / 31.17 |
| Fuerza De Sujeción Teórica<br>(30.00 Kg/cm <sup>2</sup> ) | 116.00                                             | 191.00      | 287.00       | 453.00        | 701.00        |
| Tipo De Fluido                                            | Aceite Hidráulico Filtrado                         |             |              |               |               |
| Presión Máxima De Operación                               | 70.00 Kg/cm <sup>2</sup>                           |             |              |               |               |
| Rango De Presión De Operación                             | 5.00 Kg/cm <sup>2</sup> ~ 70.00 Kg/cm <sup>2</sup> |             |              |               |               |
| Tipo De Actuador                                          | Doble Acción                                       |             |              |               |               |

\*\*\*\* Todas las dimensiones estaban dadas en milímetros.



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|   |                      |
|---|----------------------|
| Ⓐ | Puerto de Sujeción   |
| Ⓑ | Puerto de Liberación |

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# Características & Dimensiones

| SERIE        | HLC-MF                    |                          |                          |                          |                            |
|--------------|---------------------------|--------------------------|--------------------------|--------------------------|----------------------------|
| Modelo       | HLC-MF 25                 | HLC-MF 32                | HLC-MF 40                | HLCF-M 50                | HLC-MF 63                  |
| A1           | 112.00                    | 115.00                   | 130.00                   | 145.00                   | 155.00                     |
| A2           | 131.00                    | 134.00                   | 152.20                   | 170.40                   | 186.80                     |
| B            | 85.00                     | 88.00                    | 98.00                    | 108.00                   | 111.00                     |
| C1           | ■ 19.00                   | ■ 19.00                  | ■ 22.20                  | ■ 25.40                  | ■ 31.80                    |
| C2           | 11.00                     | 11.00                    | 13.00                    | 15.00                    | 19.00                      |
| C3           | 9.00                      | 9.00                     | 10.00                    | 11.00                    | 15.00                      |
| ØD           | Ø8.00                     | Ø8.00                    | Ø10.00                   | Ø12.00                   | Ø15.00                     |
| E            | 25.00                     | 25.00                    | 30.00                    | 35.50                    | 43.00                      |
| F            | 61.00                     | 64.00                    | 77.00                    | 90.00                    | 110.00                     |
| G1           | 55.00                     | 55.00                    | 66.00                    | 77.00                    | 94.00                      |
| G2           | 22.00                     | 22.00                    | 26.00                    | 30.00                    | 36.00                      |
| G3           | 28.00                     | 28.00                    | 34.00                    | 39.00                    | 48.00                      |
| G4           | 24.00                     | 24.00                    | 29.00                    | 33.00                    | 39.00                      |
| H            | 3.00                      | 3.00                     | 4.00                     | 4.00                     | 4.00                       |
| ØI           | -                         | -                        | -                        | -                        | -                          |
| J            | 55.00                     | 57.00                    | 69.00                    | 75.00                    | 96.00                      |
| K            | 42.00                     | 44.00                    | 52.00                    | 58.00                    | 75.00                      |
| L            | Ø6.80 x Ø10.50 x<br>6.50D | Ø6.80 x 10.50 x<br>6.50D | Ø9.00 x 14.00 x<br>9.00D | Ø9.00 x 14.00 x<br>9.00D | Ø11.00 x 18.00 x<br>11.00D |
| M            | -                         | -                        | -                        | -                        | -                          |
| N            | 19.00                     | 21.00                    | 23.00                    | 28.00                    | 38.00                      |
| Sello O'Ring | P7                        | P7                       | P9                       | P9                       | P9                         |

\*\*\*\* Todas las dimensiones estaban dadas en milímetros.

# HLC-MF 63

Cilindro De Sujeción  
Hidráulico De Leva  
Con Manifold Y Control  
De Flujo





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**PRO-CLAMPS**

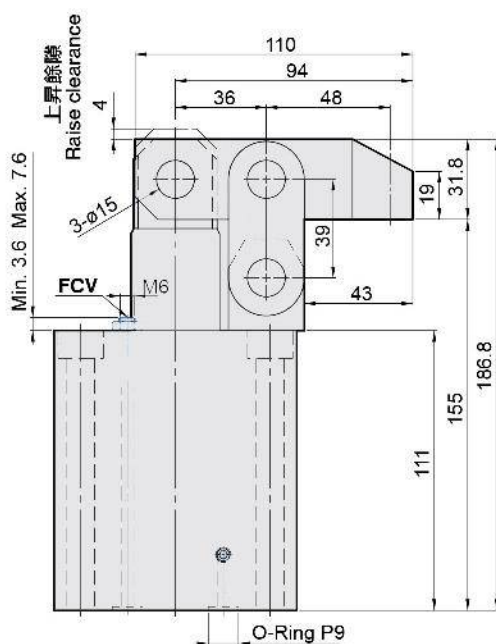
## Características & Dimensiones

| SERIE                                                     |                                                    | HLC-MF      |              |               |               |
|-----------------------------------------------------------|----------------------------------------------------|-------------|--------------|---------------|---------------|
| Diámetro Del Cilindro                                     | Ø25                                                | Ø32         | Ø40          | Ø50           | Ø60           |
| Diámetro Del Vástago Del Pistón                           | Ø18.00                                             | Ø20.00      | Ø22.40       | Ø28.00        | Ø35.00        |
| Carrera Total                                             | 25.00                                              | 25.00       | 30.00        | 34.00         | 40.00         |
| Área De Presión<br>(Jalar/Empujar) (cm <sup>2</sup> )     | 2.37 / 4.91                                        | 4.90 / 8.04 | 8.63 / 12.57 | 13.47 / 19.63 | 21.55 / 31.17 |
| Fuerza De Sujeción Teórica<br>(30.00 Kg/cm <sup>2</sup> ) | 116.00                                             | 191.00      | 287.00       | 453.00        | 701.00        |
| Tipo De Fluido                                            | Aceite Hidráulico Filtrado                         |             |              |               |               |
| Presión Máxima De Operación                               | 70.00 Kg/cm <sup>2</sup>                           |             |              |               |               |
| Rango De Presión De Operación                             | 5.00 Kg/cm <sup>2</sup> ~ 70.00 Kg/cm <sup>2</sup> |             |              |               |               |
| Tipo De Actuador                                          | Doble Acción                                       |             |              |               |               |

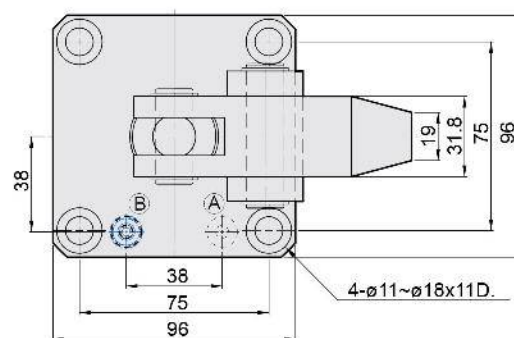
\*\*\*\* Todas las dimensiones estaban dadas en milímetros.



**AMAC**  
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|   |                      |
|---|----------------------|
| Ⓐ | Puerto de Sujeción   |
| Ⓑ | Puerto de Liberación |



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# Características & Dimensiones

| SERIE        | HLC-MF                    |                          |                          |                          |                            |
|--------------|---------------------------|--------------------------|--------------------------|--------------------------|----------------------------|
| Modelo       | HLC-MF 25                 | HLC-MF 32                | HLC-MF 40                | HLCF-M 50                | HLC-MF 63                  |
| A1           | 112.00                    | 115.00                   | 130.00                   | 145.00                   | 155.00                     |
| A2           | 131.00                    | 134.00                   | 152.20                   | 170.40                   | 186.80                     |
| B            | 85.00                     | 88.00                    | 98.00                    | 108.00                   | 111.00                     |
| C1           | ■ 19.00                   | ■ 19.00                  | ■ 22.20                  | ■ 25.40                  | ■ 31.80                    |
| C2           | 11.00                     | 11.00                    | 13.00                    | 15.00                    | 19.00                      |
| C3           | 9.00                      | 9.00                     | 10.00                    | 11.00                    | 15.00                      |
| ØD           | Ø8.00                     | Ø8.00                    | Ø10.00                   | Ø12.00                   | Ø15.00                     |
| E            | 25.00                     | 25.00                    | 30.00                    | 35.50                    | 43.00                      |
| F            | 61.00                     | 64.00                    | 77.00                    | 90.00                    | 110.00                     |
| G1           | 55.00                     | 55.00                    | 66.00                    | 77.00                    | 94.00                      |
| G2           | 22.00                     | 22.00                    | 26.00                    | 30.00                    | 36.00                      |
| G3           | 28.00                     | 28.00                    | 34.00                    | 39.00                    | 48.00                      |
| G4           | 24.00                     | 24.00                    | 29.00                    | 33.00                    | 39.00                      |
| H            | 3.00                      | 3.00                     | 4.00                     | 4.00                     | 4.00                       |
| ØI           | -                         | -                        | -                        | -                        | -                          |
| J            | 55.00                     | 57.00                    | 69.00                    | 75.00                    | 96.00                      |
| K            | 42.00                     | 44.00                    | 52.00                    | 58.00                    | 75.00                      |
| L            | Ø6.80 x Ø10.50 x<br>6.50D | Ø6.80 x 10.50 x<br>6.50D | Ø9.00 x 14.00 x<br>9.00D | Ø9.00 x 14.00 x<br>9.00D | Ø11.00 x 18.00 x<br>11.00D |
| M            | -                         | -                        | -                        | -                        | -                          |
| N            | 19.00                     | 21.00                    | 23.00                    | 28.00                    | 38.00                      |
| Sello O'Ring | P7                        | P7                       | P9                       | P9                       | P9                         |

\*\*\*\* Todas las dimensiones estaban dadas en milímetros.



# 4Man



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