



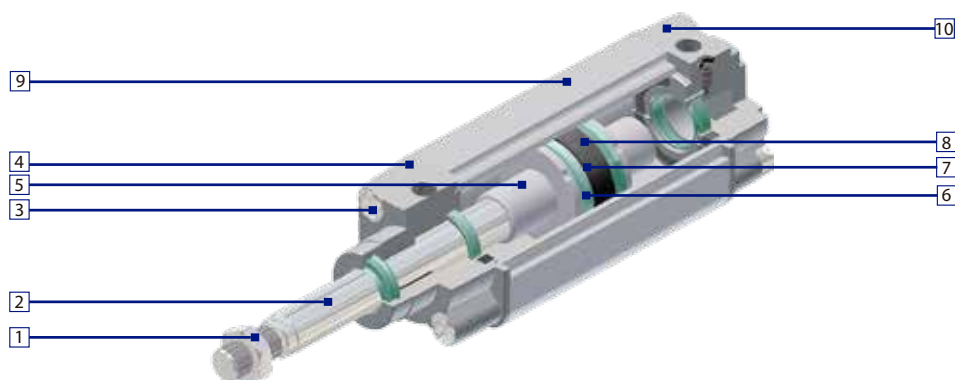
**CILINDROS ISO**  
**ISO CYLINDER**

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**CILINDRO ISO 15552**  
**ISO 15552** CYLINDER





**Lista de componentes**  
Parts list

| Nº | Descripción / Description     | Material / Material                                                            | Nº | Descripción / Description     | Material / Material                           |
|----|-------------------------------|--------------------------------------------------------------------------------|----|-------------------------------|-----------------------------------------------|
| 1  | Tuerca vástago / Rod end nut  | Acero cincado / Steel (zinc chromate plated)                                   | 6  | Junta émbolo / Piston seal    | NBR o VITON<br>NBR or VITON                   |
| 2  | Vástago / Piston rod          | Acero cromado C45 / Chromed steel C45<br>Or Acero Inoxidable / Stainless steel | 7  | Aro magnetico / Magnetic ring |                                               |
| 3  | Tornillo / Screw              | Acero cincado / Steel (zinc chromate plated)                                   | 8  | Anillo guía / Wear ring       | Material antifricción / Antifriction material |
| 4  | Culata delantera / Head cover | Aleación aluminio / Aluminum alloy                                             | 9  | Tubo cilindro / Cylinder tube | Aleación aluminio / Aluminum alloy            |
| 5  | Émbolo / Piston               | Aleación aluminio / Aluminum alloy                                             | 10 | Culata trasera / End cover    | Aleación aluminio / Aluminum alloy            |

**Códigos**  
Order code

| MGT                                                                                                                                              | 32                                 | M                                                                                                                                                 | 50                |                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|
| Modelo<br>Model                                                                                                                                  | Diámetro<br>Diameter               | Versión<br>Version                                                                                                                                | Carrera<br>Stroke | Tipo de junta<br>Seal type |
| <b>MGT</b> Cilindro ISO15552. Perfil Lux con 4 regatas para sensor magnético<br>ISO 15552 Cylinder. Lux profile with 4 lines for magnetic sensor | 32                                 | <b>A</b> Simple Efecto Magnético con eje cromado<br>vástago retraído<br>Single Acting type with Magnetic and chrome plated steel Rod. Push type   | 0 - 2850          | - Standar<br>(NBR)         |
| <b>MGW</b> Cilindro ISO15552. Perfil "Mickey mouse"<br>ISO 15552 Cylinder. "Mickey mouse" profile                                                | 40<br>50<br>63<br>80<br>100<br>125 | <b>AE</b> Simple Efecto Magnético con eje cromado<br>vástago extendido<br>Single Acting type with Magnetic and chrome plated steel Rod. Pull type |                   | <b>V</b> VITON             |
| <b>MGX</b> Cilindro ISO15552. Perfil cuadrado<br>ISO 15552 Cylinder. Square profile                                                              |                                    | <b>AX</b> Simple Efecto Magnético vástago inox retraído<br>Single Acting type with Magnetic.<br>Push type. Stainless steel Rod                    |                   |                            |
| <b>MGP</b> Cilindro ISO15552. Perfil redondo con tirantes<br>ISO 15552 Cylinder. Round profile with tie rods                                     |                                    | <b>AEX</b> Simple Efecto Magnético vástago inox extendido<br>Single Acting type with Magnetic.<br>Pull type. Stainless steel Rod                  |                   |                            |
| <b>MGW</b> Cilindro ISO15552. Perfil "Mickey mouse"<br>ISO 15552 Cylinder. "Mickey mouse" profile                                                | 160<br>200                         | <b>M</b> Doble Efecto Magnético Amortiguado<br>con eje cromado<br>Double Acting Magnetic with Cushions<br>and chrome plated steel Rod             |                   |                            |
| <b>MGP</b> Cilindro ISO15552. Perfil redondo con tirantes<br>ISO 15552 Cylinder. Round profile with tie rods                                     |                                    | <b>E</b> Doble Efecto Magnético Amortiguado<br>con eje inox<br>Double Acting Magnetic with Cushions<br>and stainless steel Rod                    |                   |                            |
| <b>MGP</b> Cilindro ISO15552. Perfil redondo con tirantes<br>ISO 15552 Cylinder. Round profile with tie rods                                     | 250                                | <b>G</b> Doble Vástago Pasante Magnético Amortiguado<br>con eje cromado<br>Double Rod Magnetic with Cushions<br>and chrome plated steel Rod       |                   |                            |
| <b>MGP</b> Cilindro ISO15552. Perfil redondo con tirantes<br>ISO 15552 Cylinder. Round profile with tie rods                                     | 320                                | <b>P</b> Doble Vástago Pasante Magnético Amortiguado<br>con eje inox<br>Double Rod Magnetic with Cushions<br>and stainless steel Rod              |                   |                            |

Ejemplo Código Cilindro ISO 15552 Perfil Lux. Ø32 carrera 50  
Order Code ISO 15552 Cylinder. Lux profile Ø32 Stroke 50

**COD: MGT 032 M 0050**

Versión  
Version



**CILINDROS DIAMETRO 32mm A 125mm**

Cylinder from diameter 32mm to 125mm



**Tipo MGT**  
MGT type

**Características técnicas**  
Specifications

| Características técnicas<br>Specifications                                        | Ø32                                                                                        | Ø40        | Ø50        | Ø63      | Ø80       | Ø100      | Ø125       |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------|------------|----------|-----------|-----------|------------|
| <b>Fluido</b><br>Fluid                                                            | <b>Aire filtrado, lubricado o sin lubricar</b><br>Filtred lubricated or not lubricated air |            |            |          |           |           |            |
| <b>Fijaciones</b><br>Mountings                                                    | <b>ISO 15552 (ISO6431) VDMA 24562</b>                                                      |            |            |          |           |           |            |
| <b>Conexión</b><br>Connections                                                    | G 1/8"                                                                                     | G 1/4"     | G 1/4"     | G 3/8"   | G 3/8"    | G 1/2"    | G 1/2"     |
| <b>Presión de trabajo</b><br>Working pressure                                     | 1.5 ~ 10 bar                                                                               |            |            |          |           |           |            |
| <b>Temperatura ambiente</b><br>Working temperature range                          | NBR: -20 ÷ 80°C / VITON: -20 ÷ +150°C                                                      |            |            |          |           |           |            |
| <b>Fuerza de trabajo de extensión</b><br>(6bar)<br>Thrust force (6bar)            | 48,25 kg                                                                                   | 75 kg      | 117 kg     | 187 kg   | 351 kg    | 471 kg    | 735 kg     |
| <b>Fuerza de trabajo de retracción</b><br>(6bar)<br>Traction force (6bar)         | 41,46 kg                                                                                   | 63,3 kg    | 99 kg      | 168 kg   | 317 kg    | 442 kg    | 692 kg     |
| <b>Material perfil</b><br>Tube material                                           | <b>Aluminio anodizado</b><br>Anodized aluminium                                            |            |            |          |           |           |            |
| <b>Lubricante recomendado</b><br>Recommended oil                                  | <b>Airmix system</b><br>ISO VG 32 32mm2/s 40°C<br><b>Kluber airpres 32</b><br>ISO 3448     |            |            |          |           |           |            |
| <b>Vida útil (en condiciones de trabajo adecuadas)</b><br>Life (if properly used) | <b>5000 km</b>                                                                             |            |            |          |           |           |            |
| <b>Peso [gr]</b><br>(C=0 peso 1mm CxC)<br>Weight<br>[gr] (C=0 weight 1mm CxC)     | 387+3,8xC                                                                                  | 582+4,75xC | 906+6,1x C | 1247+7xC | 2076+10xC | 2934+14xC | 5935 + 8xC |

**Consumo x 10mm carrera (6bar)**  
Consumption x 10mm stroke (6bar)

|             |                                                                      |
|-------------|----------------------------------------------------------------------|
| <b>Ø32</b>  | qs= 56x10 <sup>-3</sup> NI/min<br>qt = 48x10 <sup>-3</sup> NI/min    |
| <b>Ø40</b>  | qs= 87x10 <sup>-3</sup> NI/min<br>qt = 74x10 <sup>-3</sup> NI/min    |
| <b>Ø50</b>  | qs= 137x10 <sup>-3</sup> NI/min<br>qt = 115x10 <sup>-3</sup> NI/min  |
| <b>Ø63</b>  | qs= 218x10 <sup>-3</sup> NI/min<br>qt = 196x10 <sup>-3</sup> NI/min  |
| <b>Ø80</b>  | qs= 314x10 <sup>-3</sup> NI/min<br>qt = 283x10 <sup>-3</sup> NI/min  |
| <b>Ø100</b> | qs= 549x10 <sup>-3</sup> NI/min<br>qt = 515x10 <sup>-3</sup> NI/min  |
| <b>Ø125</b> | qs= 859 x10 <sup>-3</sup> NI/min<br>qt = 809x10 <sup>-3</sup> NI/min |

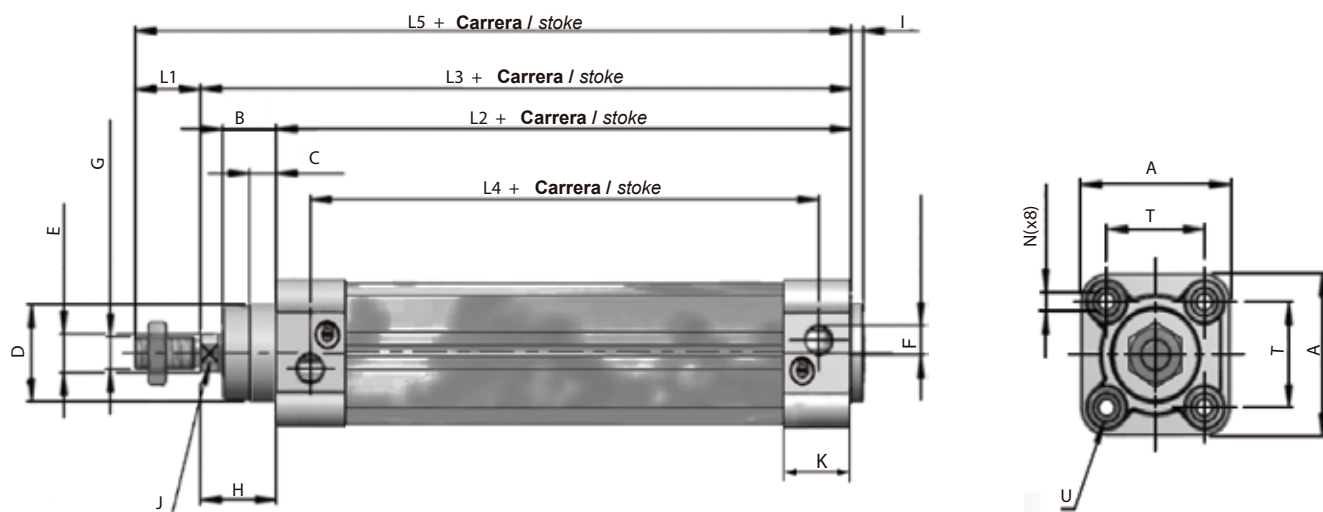
**Carrera standard**  
Stand strokers

| Ø<br>(mm)   | Carreras / Strokes |    |    |    |     |     |     |     |     |     |     |     |     |     | Max. Carrera<br>Max. Stroker |
|-------------|--------------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------------------------|
| <b>Ø32</b>  | 25                 | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 200 | 250 | 300 | 320 | 400 | 500 | ... 3000                     |
| <b>Ø40</b>  | 25                 | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 200 | 250 | 300 | 320 | 400 | 500 | ... 3000                     |
| <b>Ø50</b>  | 25                 | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 200 | 250 | 300 | 320 | 400 | 500 | ... 3000                     |
| <b>Ø63</b>  | 25                 | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 200 | 250 | 300 | 320 | 400 | 500 | ... 3000                     |
| <b>Ø80</b>  | 25                 | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 200 | 250 | 300 | 320 | 400 | 500 | ... 3000                     |
| <b>Ø100</b> | 25                 | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 200 | 250 | 300 | 320 | 400 | 500 | ... 3000                     |
| <b>Ø125</b> | 25                 | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 200 | 250 | 300 | 320 | 400 | 500 | ... 3000                     |

■ Para otras carreras consultar dept. comercial

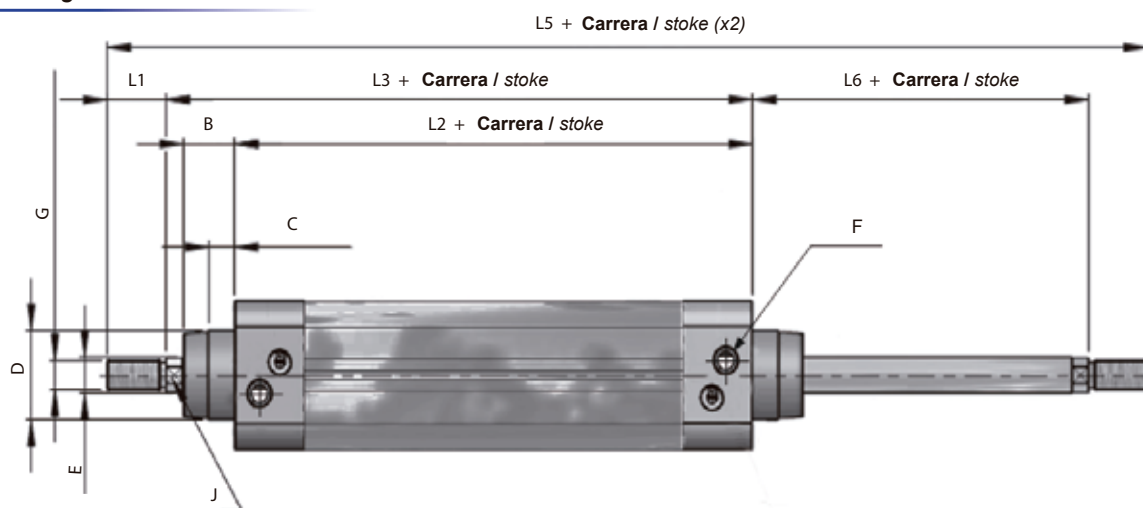
■ For other strokes, ask our sales dept.

**Doble efecto magnético**  
*Double Acting Magnetic*



| Ø   | A   | B    | C    | D  | ØE | F    | G        | H  | I | J  | K    | L1 | L2  | L3  | L4  | L5  | N   | T    | U  |
|-----|-----|------|------|----|----|------|----------|----|---|----|------|----|-----|-----|-----|-----|-----|------|----|
| 32  | 45  | 16   | 8    | 30 | 12 | 1/8" | M10X1,25 | 26 | 4 | 10 | 26   | 22 | 94  | 120 | 66  | 142 | M6  | 32,5 | 6  |
| 40  | 54  | 20   | 10   | 35 | 16 | 1/4" | M12X1,25 | 30 | 4 | 13 | 29,6 | 24 | 105 | 135 | 73  | 159 | M6  | 38   | 6  |
| 50  | 64  | 27   | 10   | 40 | 20 | 1/4" | M16X1,5  | 37 | 4 | 17 | 30   | 32 | 107 | 144 | 73  | 176 | M8  | 46,5 | 8  |
| 63  | 75  | 27   | 10   | 45 | 20 | 3/8" | M16X1,5  | 37 | 4 | 17 | 35,5 | 32 | 121 | 158 | 81  | 190 | M8  | 56,5 | 8  |
| 80  | 93  | 34,5 | 10   | 45 | 25 | 3/8" | M20X1,5  | 46 | 4 | 22 | 36   | 40 | 128 | 174 | 90  | 214 | M10 | 72   | 10 |
| 100 | 110 | 38   | 12,5 | 55 | 25 | 1/2" | M20X1,5  | 51 | 4 | 22 | 39   | 40 | 138 | 189 | 98  | 229 | M10 | 89   | 10 |
| 125 | 140 | 46   | -    | 60 | 32 | 1/2" | M27X2,0  | 65 | 4 | 27 | 46   | 54 | 160 | 225 | 114 | 279 | M12 | 110  | 12 |

**Doble Vastago Pasante Magnético**  
*Double Rod Magnetic*



| Ø   | B    | C    | D  | ØE | F    | G        | J  | L1 | L2  | L3  | L5  | L6 |
|-----|------|------|----|----|------|----------|----|----|-----|-----|-----|----|
| 32  | 16   | 8    | 30 | 12 | 1/8" | M10X1,25 | 10 | 22 | 94  | 120 | 189 | 26 |
| 40  | 20   | 10   | 35 | 16 | 1/4" | M12X1,25 | 13 | 24 | 105 | 135 | 213 | 30 |
| 50  | 27   | 10   | 40 | 20 | 1/4" | M16X1,5  | 17 | 32 | 107 | 144 | 246 | 38 |
| 63  | 27   | 10   | 45 | 20 | 3/8" | M16X1,5  | 17 | 32 | 121 | 158 | 258 | 36 |
| 80  | 34,5 | 10   | 45 | 25 | 3/8" | M20X1,5  | 22 | 40 | 128 | 174 | 300 | 46 |
| 100 | 38   | 12,5 | 55 | 25 | 1/2" | M20X1,5  | 22 | 40 | 138 | 189 | 320 | 51 |
| 125 | 46   | -    | 60 | 32 | 1/2" | M27X2,0  | 27 | 54 | 160 | 225 | 398 | 65 |

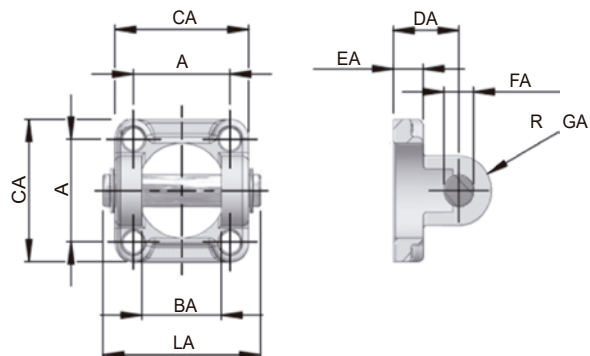
Para otras versiones consultar dept. comercial

For other versions, please ask our sales dept.

## ACCESORIOS Y FIJACIONES ISO 15552

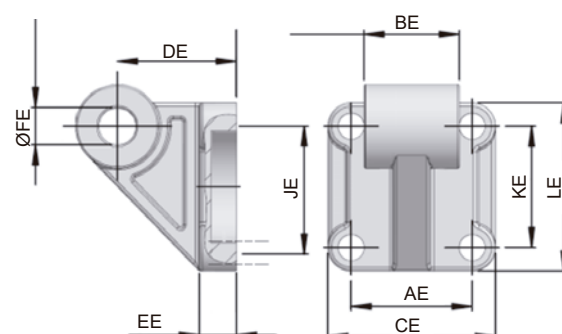
### Fixing and Accesories ISO 15552

**Charnela hembra con perno**  
Double clevis pivot



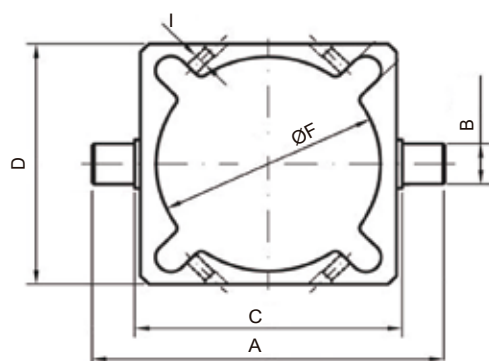
| Código/Code | Ø cilindro | A    | BA | CA  | DA | EA | ØFA | ØG | R    | GA  | LA |
|-------------|------------|------|----|-----|----|----|-----|----|------|-----|----|
| KD001500    | 32         | 32,5 | 26 | 45  | 22 | 9  | 10  | 10 | 9    | 51  |    |
| KD001501    | 40         | 38   | 28 | 52  | 25 | 9  | 12  | 12 | 10,5 | 59  |    |
| KD001502    | 50         | 46,5 | 32 | 60  | 27 | 10 | 12  | 12 | 11   | 67  |    |
| KD001503    | 63         | 56,5 | 40 | 70  | 32 | 10 | 16  | 16 | 13   | 77  |    |
| KD001504    | 80         | 72   | 50 | 90  | 36 | 14 | 16  | 16 | 14   | 97  |    |
| KD001505    | 100        | 89   | 60 | 110 | 41 | 14 | 20  | 20 | 17,5 | 119 |    |
| KD001506    | 125        | 110  | 70 | 130 | 50 | 17 | 25  | 25 | 21,5 | 139 |    |

**Soporte lateral 90°**  
Clevis pivot bracket



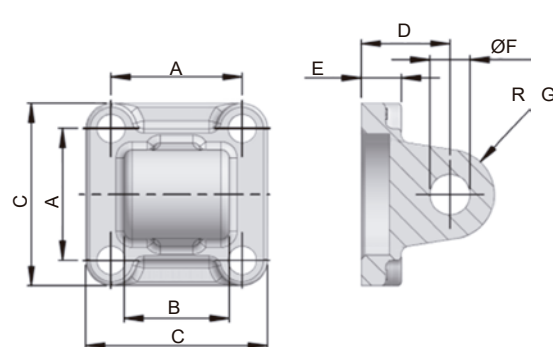
| Código/Code | Ø cilindro | AE | BE | CE  | DE | EE  | ØFE | JE | KE | LE |
|-------------|------------|----|----|-----|----|-----|-----|----|----|----|
| KD001550    | 32         | 18 | 26 | 51  | 32 | 94  | 10  | 21 | 38 | 31 |
| KD001551    | 40         | 22 | 28 | 54  | 36 | 105 | 12  | 24 | 41 | 35 |
| KD001552    | 50         | 30 | 32 | 65  | 45 | 106 | 12  | 33 | 50 | 45 |
| KD001553    | 63         | 35 | 40 | 67  | 50 | 121 | 16  | 37 | 52 | 50 |
| KD001554    | 80         | 40 | 50 | 86  | 63 | 128 | 16  | 47 | 66 | 60 |
| KD001555    | 100        | 50 | 60 | 96  | 71 | 138 | 20  | 55 | 76 | 70 |
| KD001556    | 125        | 60 | 70 | 124 | 90 | 160 | 25  | 70 | 94 | 90 |

**Charnela intermedia regulable**  
Trunnion clevis



| Código/Code | Ø cilindro | A   | ØB | C   | ØF    | I  | L  |
|-------------|------------|-----|----|-----|-------|----|----|
| KD001540    | 32         | 74  | 12 | 50  | 37    | M5 | 20 |
| KD001541    | 40         | 95  | 16 | 63  | 45,5  | M5 | 20 |
| KD001542    | 50         | 107 | 16 | 75  | 55,5  | M5 | 20 |
| KD001543    | 63         | 130 | 20 | 90  | 68,5  | M6 | 30 |
| KD001544    | 80         | 150 | 20 | 110 | 86,5  | M6 | 30 |
| KD001545    | 100        | 182 | 25 | 132 | 107   | M8 | 40 |
| KD001546    | 125        | 210 | 25 | 160 | 133,5 | M8 | 30 |

**Charnela macho**  
Single clevis



| Código/Code | Ø cilindro | A    | B    | C   | D  | E  | ØF | R    | G |
|-------------|------------|------|------|-----|----|----|----|------|---|
| KD001520    | 32         | 32,5 | 25,8 | 47  | 22 | 9  | 10 | 9    |   |
| KD001521    | 40         | 38   | 27,8 | 52  | 25 | 9  | 12 | 10,5 |   |
| KD001522    | 50         | 46,5 | 31,7 | 64  | 27 | 10 | 12 | 11   |   |
| KD001523    | 63         | 56,5 | 39,7 | 74  | 32 | 10 | 16 | 13,5 |   |
| KD001524    | 80         | 72   | 49,7 | 94  | 36 | 14 | 16 | 14,5 |   |
| KD001525    | 100        | 89   | 59,7 | 113 | 41 | 14 | 20 | 17   |   |
| KD001526    | 125        | 110  | 69,7 | 139 | 50 | 17 | 25 | 22   |   |

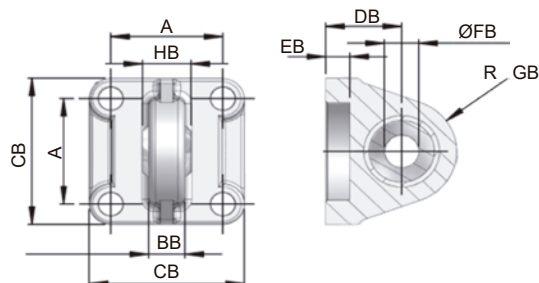
■ Para otros diámetros y otros modelos consultar dept. comercial

■ For other diameters and figures, please ask our sales dept.

## ACCESORIOS Y FIJACIONES ISO 15552

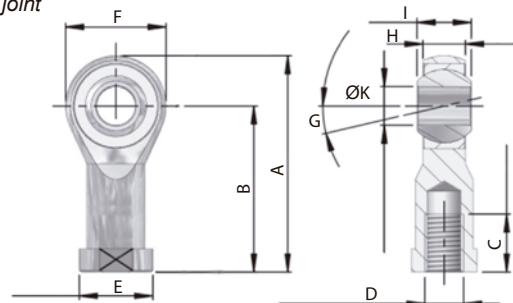
### Fixing and Accesories ISO 15552

**Charnela macho con rótula**  
Single clevis with ball joint



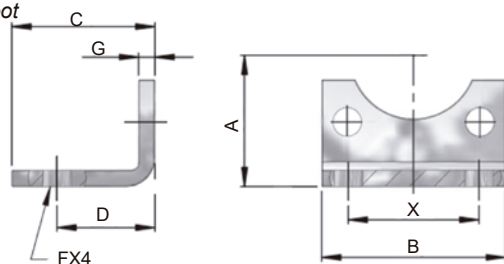
| Código/Code | Ø cilindro | A    | BB   | CB  | DB | EB | ØFB | R  | GB | HB |
|-------------|------------|------|------|-----|----|----|-----|----|----|----|
| KD000030    | 32         | 32,5 | 10,5 | 45  | 22 | 10 | 10  | 16 | 14 |    |
| KD000031    | 40         | 38   | 13   | 52  | 25 | 10 | 12  | 19 | 16 |    |
| KD000032    | 50         | 46,5 | 13   | 65  | 27 | 12 | 12  | 19 | 16 |    |
| KD000033    | 63         | 56,5 | 16   | 75  | 32 | 12 | 16  | 24 | 21 |    |
| KD000034    | 80         | 72   | 16   | 95  | 36 | 16 | 16  | 24 | 21 |    |
| KD000035    | 100        | 89   | 19   | 115 | 41 | 16 | 20  | 30 | 25 |    |
| KD000036    | 125        | 110  | 22   | 140 | 50 | 20 | 25  | 36 | 31 |    |

**Rótula**  
Universal joint



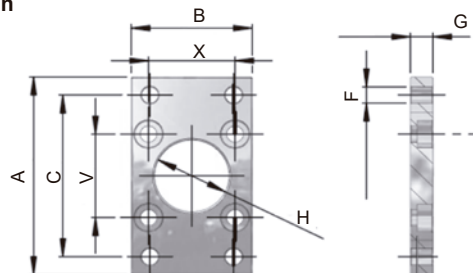
| Código/Code | Ø cilindro | A   | B   | C  | D        | E  | ØF | G  | H  | I  | ØK |
|-------------|------------|-----|-----|----|----------|----|----|----|----|----|----|
| KD000005    | 32         | 56  | 43  | 20 | M10X1,25 | 17 | 26 | 13 | 11 | 14 | 10 |
| KD000006    | 40         | 66  | 50  | 22 | M12X1,25 | 19 | 32 | 13 | 12 | 16 | 12 |
| KD000007    | 50         | 84  | 64  | 28 | M16X1,5  | 22 | 40 | 15 | 15 | 21 | 16 |
| KD000007    | 63         | 84  | 64  | 28 | M16X1,5  | 22 | 40 | 15 | 15 | 21 | 16 |
| KD000008    | 80         | 100 | 77  | 33 | M20X1,5  | 30 | 46 | 15 | 18 | 25 | 20 |
| KD000008    | 100        | 100 | 77  | 33 | M20X1,5  | 30 | 46 | 15 | 18 | 25 | 20 |
| KD000009    | 125        | 145 | 110 | 51 | M27X2,0  | 41 | 70 | 15 | 25 | 37 | 30 |

**Pata fijación**  
Axial foot



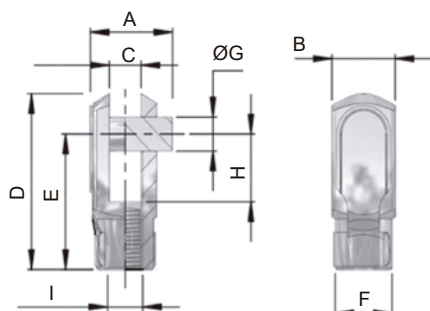
| Código/Code | Ø cilindro | A  | B   | C  | D  | ØF   | G | X  |
|-------------|------------|----|-----|----|----|------|---|----|
| KD001580    | 32         | 32 | 47  | 32 | 24 | 7    | 3 | 32 |
| KD001581    | 40         | 36 | 53  | 37 | 28 | 9    | 3 | 36 |
| KD001582    | 50         | 45 | 65  | 42 | 32 | 9    | 3 | 45 |
| KD001583    | 63         | 50 | 75  | 44 | 32 | 9    | 3 | 50 |
| KD001584    | 80         | 63 | 95  | 60 | 41 | 12,5 | 4 | 63 |
| KD001585    | 100        | 71 | 115 | 64 | 45 | 14,5 | 4 | 75 |
| KD001586    | 125        | 90 | 140 | 65 | 45 | 16,5 | 8 | 90 |

**Placa fijación**  
Rod flange



| Código/Code | Ø cilindro | A   | B   | C   | ØF   | G  | ØH   | V    | X  |
|-------------|------------|-----|-----|-----|------|----|------|------|----|
| KD001560    | 32         | 80  | 47  | 64  | 7    | 10 | 30,5 | 32,5 | 32 |
| KD001561    | 40         | 90  | 53  | 72  | 9    | 10 | 35,5 | 38   | 36 |
| KD001562    | 50         | 108 | 65  | 90  | 9    | 12 | 40,5 | 46,5 | 45 |
| KD001563    | 63         | 118 | 75  | 100 | 9    | 12 | 45,5 | 56,5 | 50 |
| KD001564    | 80         | 150 | 95  | 126 | 12,5 | 16 | 45,5 | 72   | 63 |
| KD001565    | 100        | 176 | 115 | 150 | 14,5 | 16 | 55,5 | 89   | 75 |
| KD001566    | 125        | 218 | 139 | 180 | 16,5 | 20 | 60,5 | 110  | 90 |

**Horquilla**  
Rod clevis



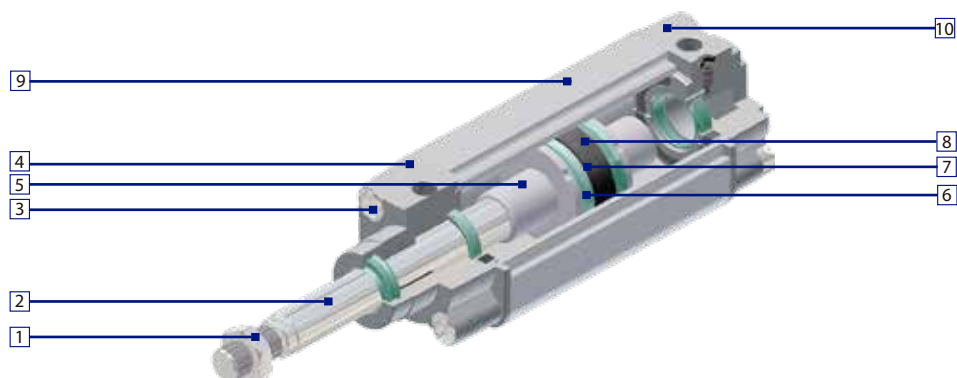
| Código/Code | Ø cilindro | A    | B  | C  | D   | E   | F  | ØG | H  | I        |
|-------------|------------|------|----|----|-----|-----|----|----|----|----------|
| FOR10       | 32         | 26   | 20 | 10 | 52  | 40  | 18 | 10 | 20 | M10X1,25 |
| FOR12       | 40         | 27   | 24 | 12 | 62  | 48  | 20 | 12 | 24 | M12X1,25 |
| FOR16       | 50         | 38   | 32 | 16 | 83  | 64  | 26 | 16 | 32 | M16X1,50 |
| FOR16       | 63         | 38   | 32 | 16 | 83  | 64  | 26 | 16 | 32 | M16X1,50 |
| FOR20       | 80         | 47   | 40 | 20 | 105 | 80  | 34 | 20 | 40 | M20X1,50 |
| FOR20       | 100        | 47   | 40 | 20 | 105 | 80  | 34 | 20 | 40 | M20X1,50 |
| FOR27       | 125        | 64,2 | 54 | 30 | 139 | 110 | -  | 30 | 55 | M27X2,0  |

■ Para otros diámetros y otros modelos consultar dept. comercial

■ For other diameters and figures, please ask our sales dept.

# CILINDRO ISO 15552

## ISO 15552 cylinder



### Lista de componentes

#### Parts list

| Nº | Descripción / Description     | Material / Material                                                            | Nº | Descripción / Description     | Material / Material                           |
|----|-------------------------------|--------------------------------------------------------------------------------|----|-------------------------------|-----------------------------------------------|
| 1  | Tuerca vástago / Rod end nut  | Acero cincado / Steel (zinc chromate plated)                                   | 6  | Junta émbolo / Piston seal    | NBR o VITON<br>NBR or VITON                   |
| 2  | Vástago / Piston rod          | Acero cromado C45 / Chromed steel C45<br>Or Acero Inoxidable / Stainless steel | 7  | Aro magnetico / Magnetic ring |                                               |
| 3  | Tornillo / Screw              | Acero cincado / Steel (zinc chromate plated)                                   | 8  | Anillo guía / Wear ring       | Material antifricción / Antifriction material |
| 4  | Culata delantera / Head cover | Aleación aluminio / Aluminum alloy                                             | 9  | Tubo cilindro / Cylinder tube | Aleación aluminio / Aluminum alloy            |
| 5  | Émbolo / Piston               | Aleación aluminio / Aluminum alloy                                             | 10 | Culata trasera / End cover    | Aleación aluminio / Aluminum alloy            |

### Códigos

#### Order code

| MGT             |                                                                                                   | 200                  | M                                                                                                                                             |  | 50                |                                   |
|-----------------|---------------------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------|-----------------------------------|
| Modelo<br>Model |                                                                                                   | Diámetro<br>Diameter | Versión<br>Version                                                                                                                            |  | Carrera<br>Stroke | Tipo de junta<br>Seal type        |
| MGW             | Cilindro ISO15552. Perfil “Mickey mouse”<br>ISO 15552 Cylinder. “Mickey mouse” profile            | 160<br>200           | A Simple Efecto Magnético con eje cromado<br>vástago retraído<br>Single Acting type with Magnetic and chrome plated<br>steel Rod. Push type   |  | 0 - 2850          | - Standar<br>(NBR)<br><br>V VITON |
| MGP             | Cilindro ISO15552. Perfil redondo con tirantes<br>ISO 15552 Cylinder. Round profile with tie rods |                      | AE Simple Efecto Magnético con eje cromado<br>vástago extendido<br>Single Acting type with Magnetic and chrome plated<br>steel Rod. Pull type |  |                   |                                   |
|                 |                                                                                                   |                      | AX Simple Efecto Magnético vástago inox retraído<br>Single Acting type with Magnetic.<br>Push type. Stainless steel Rod                       |  |                   |                                   |
|                 |                                                                                                   |                      | AEX Simple Efecto Magnético vástago inox extendido<br>Single Acting type with Magnetic.<br>Pull type. Stainless steel Rod                     |  |                   |                                   |
| MGP             | Cilindro ISO15552. Perfil redondo con tirantes<br>ISO 15552 Cylinder. Round profile with tie rods | 250                  | M Doble Efecto Magnético Amortiguado<br>con eje cromado<br>Double Acting Magnetic with Cushions<br>and chrome plated steel Rod                |  |                   |                                   |
|                 |                                                                                                   |                      | E Doble Efecto Magnético Amortiguado<br>con eje inox<br>Double Acting Magnetic with Cushions<br>and stainless steel Rod                       |  |                   |                                   |
| MGP             | Cilindro ISO15552. Perfil redondo con tirantes<br>ISO 15552 Cylinder. Round profile with tie rods | 320                  | G Doble Vástago Pasante Magnético Amortiguado<br>con eje cromado<br>Double Rod Magnetic with Cushions<br>and chrome plated steel Rod          |  |                   |                                   |
|                 |                                                                                                   |                      | P Doble Vástago Pasante Magnético Amortiguado<br>con eje inox<br>Double Rod Magnetic with Cushions<br>and stainless steel Rod                 |  |                   |                                   |

Ejemplo Código Cilindro ISO 15552 Perfil Lux. Ø200 carrera 50  
Order Code ISO 15552 Cylinder. Lux profile Ø200 Stroke 50

**COD: MGT 200 M 0050**

Versión  
Version



## CILINDROS DIAMETRO 160mm A 320mm

Cylinder from diameter 160mm to 320mm



Tipo MGW  
MGW type

### Características técnicas Specifications

| Características técnicas<br>Specifications                                        | Ø160                                                                                       | Ø200      | Ø250         | Ø320   |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------|--------------|--------|
| <b>Fluido</b><br>Fluid                                                            | <b>Aire filtrado, lubricado o sin lubricar</b><br>Filtred lubricated or not lubricated air |           |              |        |
| <b>Fijaciones</b><br>Mountings                                                    | <b>ISO 15552 (ISO6431) VDMA 24562</b>                                                      |           |              |        |
| <b>Conexión</b><br>Connections                                                    | G 3/4"                                                                                     | G 3/4"    | G 3/4"       | G 3/4" |
| <b>Presión de trabajo</b><br>Working pressure                                     | 1.5 ~ 10 bar                                                                               |           |              |        |
| <b>Temperatura ambiente</b><br>Working temperature range                          | NBR: -20 ÷ 80°C / VITON: -20 ÷ +150°C                                                      |           |              |        |
| <b>Material vástago</b><br>Rod material                                           | <b>Acero comado o inox</b><br>Chrome plated or stainless steel                             |           |              |        |
| <b>Material testeras</b><br>End caps material                                     | <b>Aluminio</b><br>Aluminium                                                               |           |              |        |
| <b>Material perfil</b><br>Tube material                                           | <b>Aluminio anodizado</b><br>Anodized aluminium                                            |           |              |        |
| <b>Material juntas</b><br>Seals material                                          | <b>NBR o VITON</b><br>NBR or VITON                                                         |           |              |        |
| <b>Lubricante recomendado</b><br>Recommended oil                                  | <b>Airmix system</b><br>ISO VG 32 32mm2/s 40°C <b>Kluber airpres 32</b><br>ISO 3448        |           |              |        |
| <b>Vida útil (en condiciones de trabajo adecuadas)</b><br>Life (if properly used) | <b>5000 km</b>                                                                             |           |              |        |
| <b>Peso [gr]</b><br>(C=0 peso 1mm CxC)<br>Weight<br>[gr] (C=0 weight 1mm CxC)     | 10408+8xC                                                                                  | 15118+8xC | 35533+30,9xC | -      |



Tipo MGP  
MGP type

### Fuerza de trabajo Thrust and traction force

| Ø<br>(mm) | Fuerza de trabajo de extensión (6bar)<br>Thrust force (6bar) |
|-----------|--------------------------------------------------------------|
| Ø160      | 1200 kg                                                      |
| Ø200      | 1882 kg                                                      |
| Ø250      | 2945 kg                                                      |
| Ø320      | 4825 kg                                                      |

| Ø<br>(mm) | Fuerza de trabajo de retracción (6bar)<br>Traction force (6bar) |
|-----------|-----------------------------------------------------------------|
| Ø160      | 1128 kg                                                         |
| Ø200      | 1806 kg                                                         |
| Ø250      | 2827 kg                                                         |
| Ø320      | 4632 kg                                                         |

### Consumo x 10mm carrera (6bar) Consumption x 10mm stroke (6bar)

|      |                                                               |
|------|---------------------------------------------------------------|
| Ø160 | q <sub>s</sub> = 1,40 NI/min<br>q <sub>t</sub> = 1,314 NI/min |
| Ø200 | q <sub>s</sub> = 2,19 NI/min<br>q <sub>t</sub> = 2,102 NI/min |
| Ø250 | q <sub>s</sub> = 3,43 NI/min<br>q <sub>t</sub> = 3,30 NI/min  |
| Ø320 | q <sub>s</sub> = 2,19 NI/min<br>q <sub>t</sub> = 2,102 NI/min |

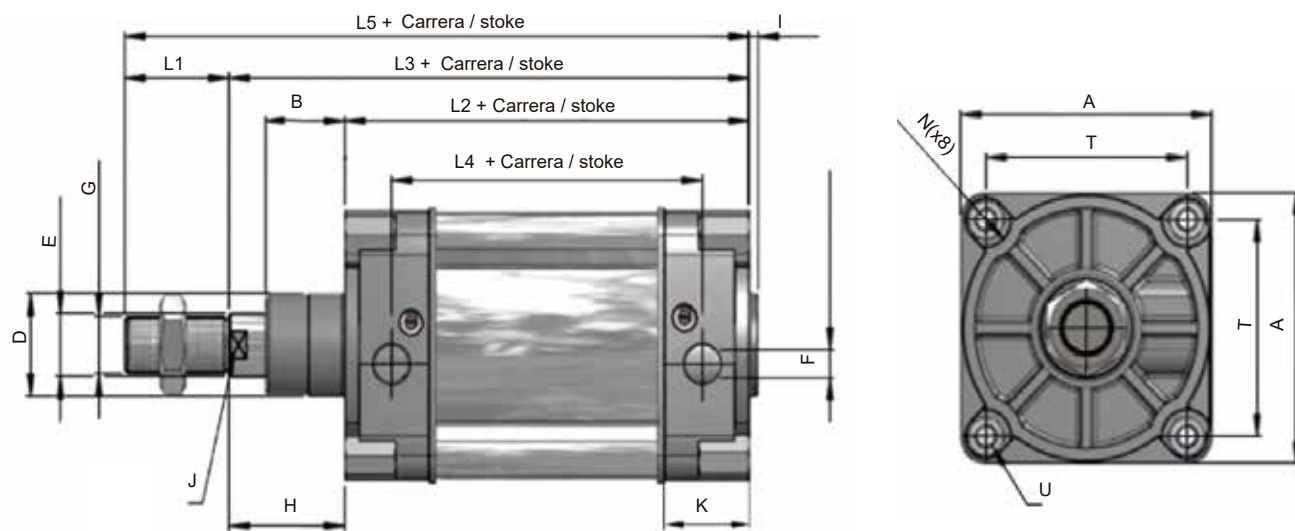
### Carrera standard Stand strokes

| Ø<br>(mm) | Carreras / Strokes |    |    |    |     |     |     |     |     |     |     |     |     |     |     | Max. Carrera<br>Max. Stroker |
|-----------|--------------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------------------------|
| Ø160      | 25                 | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 200 | 250 | 300 | 320 | 400 | 500 | ... | 3000                         |
| Ø200      | 25                 | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 200 | 250 | 300 | 320 | 400 | 500 | ... | 3000                         |
| Ø250      | 25                 | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 200 | 250 | 300 | 320 | 400 | 500 | ... | 3000                         |
| Ø320      | 25                 | 50 | 75 | 80 | 100 | 125 | 150 | 160 | 200 | 250 | 300 | 320 | 400 | 500 | ... | 3000                         |

■ Para otras carreras consultar dept. comercial

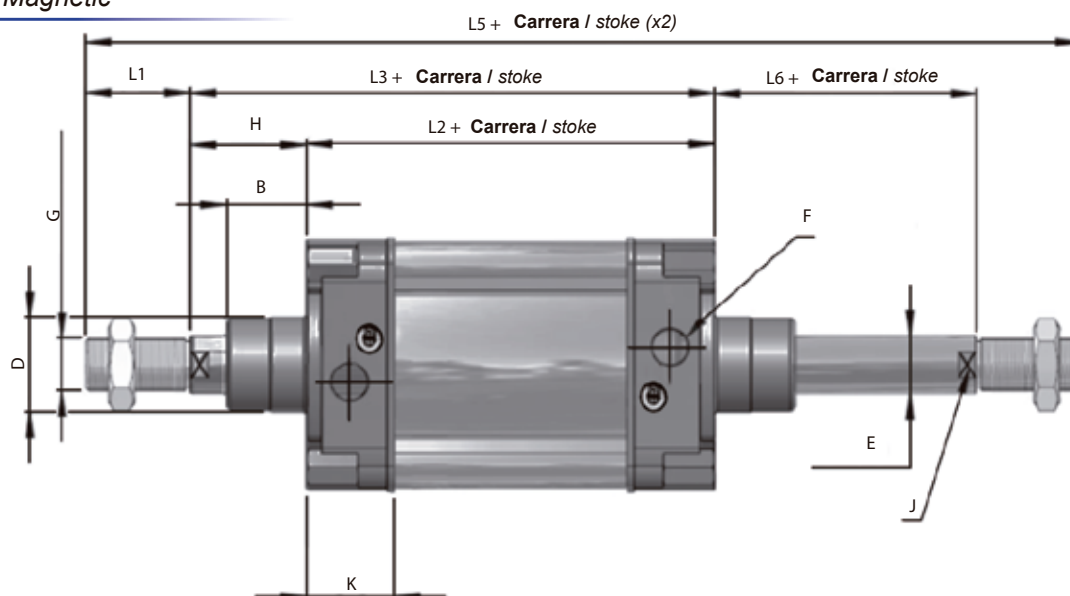
■ For other strokes, ask our sales dept.

**Doble efecto magnético**  
*Double Acting Magnetic*



| Ø   | A   | B  | D   | ØE | F    | G       | H   | I | J  | K  | L1 | L2  | L3  | L4  | L5  | N   | T   | U  |
|-----|-----|----|-----|----|------|---------|-----|---|----|----|----|-----|-----|-----|-----|-----|-----|----|
| 160 | 180 | 58 | 65  | 40 | 3/4" | M36X2,0 | 80  | 4 | 36 | 50 | 72 | 180 | 260 | 130 | 332 | M16 | 140 | 24 |
| 200 | 220 | 67 | 75  | 40 | 3/4" | M36X2,0 | 95  | 5 | 36 | 50 | 72 | 180 | 275 | 130 | 347 | M16 | 175 | 24 |
| 250 | 282 | 78 | 90  | 50 | 1"   | M42X2,0 | 105 | 8 | 46 | 58 | 84 | 200 | 305 | 138 | 389 | M20 | 220 | 25 |
| 320 | 340 | 82 | 110 | 63 | 1"   | M48X2,0 | 110 | 5 | 55 | 60 | 96 | 230 | 340 | 170 | 436 | M24 | 270 | 46 |

**Doble Vastago Pasante Magnético**  
*Double Rod Magnetic*



| Ø   | B  | D   | ØE | F    | G       | H   | J  | K  | L1 | L2  | L3  | L5  | L6  |
|-----|----|-----|----|------|---------|-----|----|----|----|-----|-----|-----|-----|
| 160 | 58 | 65  | 40 | 3/4" | M36X2,0 | 80  | 36 | 50 | 72 | 180 | 260 | 332 | 80  |
| 200 | 67 | 75  | 40 | 3/4" | M36X2,0 | 95  | 36 | 50 | 72 | 180 | 275 | 347 | 95  |
| 250 | 78 | 90  | 50 | 1"   | M42X2,0 | 105 | 46 | 58 | 84 | 200 | 305 | 389 | 105 |
| 320 | 87 | 110 | 63 | 1"   | M48X2,0 | 110 | 55 | 60 | 96 | 230 | 340 | 436 | 110 |

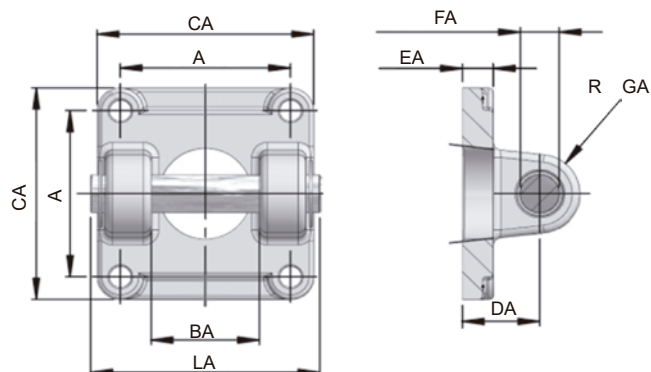
Para otras versiones consultar dept. comercial

For other versions, please ask our sales dept.

## ACCESORIOS Y FIJACIONES ISO 15552

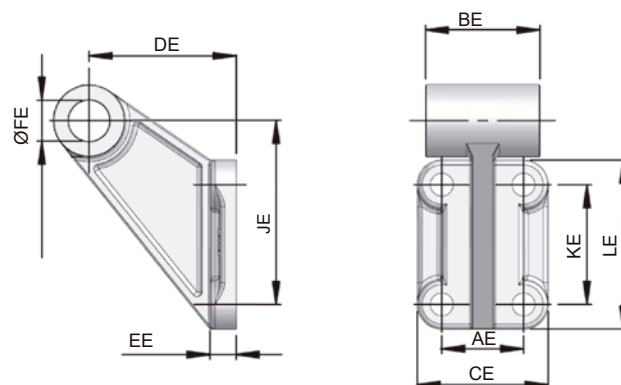
### Fixing and Accesories ISO 15552

**Charnela hembra con perno**  
Double clevis pivot bracket



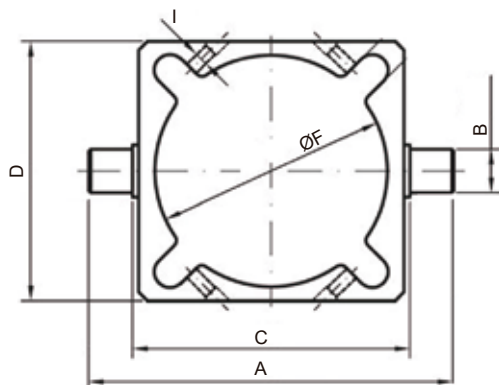
| Código/Code | Ø cilindro | A   | BA    | CA  | DA | EA   | ØFA | ØG | R GA | LA  |
|-------------|------------|-----|-------|-----|----|------|-----|----|------|-----|
| KD001507    | 160        | 140 | 90    | 170 | 55 | 19,5 | 30  | 30 | 30   | 181 |
| KD001508    | 200        | 175 | 90    | 170 | 60 | 24   | 30  | 30 | 30   | 181 |
| KD001509    | 250        | 220 | 110,3 | 200 | 70 | 24   | 40  | 40 | 35   | 230 |

**Soporte lateral 90°**  
Clevis pivot bracket



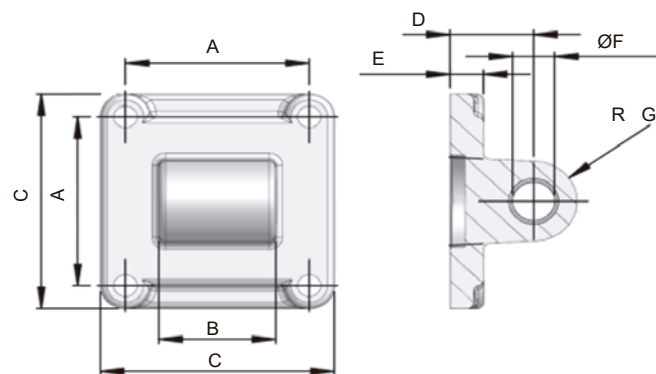
| Código/Code | Ø cilindro | AE | KE  | CE  | LE  | BE | EE  | ØFE | DE  | JE  |
|-------------|------------|----|-----|-----|-----|----|-----|-----|-----|-----|
| KD001557    | 160        | 88 | 118 | 156 | 126 | 90 | 180 | 30  | 115 | 97  |
| KD001557    | 200        | 90 | 122 | 162 | 130 | 90 | 180 | 30  | 135 | 105 |

**Charnela intermedia regulable**  
Trunnion clevis



| Código/Code | Ø cilindro | A   | B  | C   | D   | ØF    | I   | L  |
|-------------|------------|-----|----|-----|-----|-------|-----|----|
| KD001547    | 160        | 264 | 32 | 200 | 200 | 172,5 | M10 | 40 |
| KD001548    | 200        | 314 | 32 | 250 | 250 | 231   | M10 | 40 |

**Charnela macho**  
Single clevis



| Código/Code | Ø cilindro | A   | B     | C   | D  | E    | ØF | R G |
|-------------|------------|-----|-------|-----|----|------|----|-----|
| KD001527    | 160        | 140 | 89,7  | 180 | 55 | 19,5 | 30 | 30  |
| KD001528    | 200        | 175 | 89,7  | 220 | 60 | 23   | 30 | 30  |
| KD001529    | 250        | 220 | 109,5 | 270 | 70 | 24   | 40 | 35  |

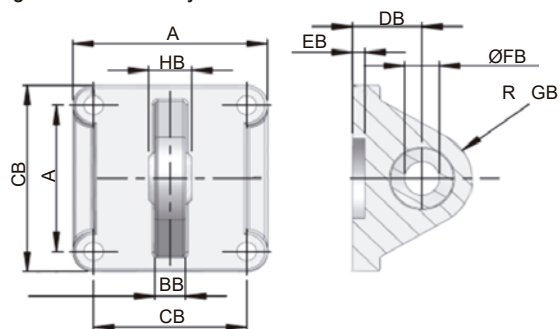
■ Para otros diámetros y otros modelos consultar dept. comercial

■ For other diameters and figures, please ask our sales dept.

## ACCESORIOS Y FIJACIONES ISO 15552

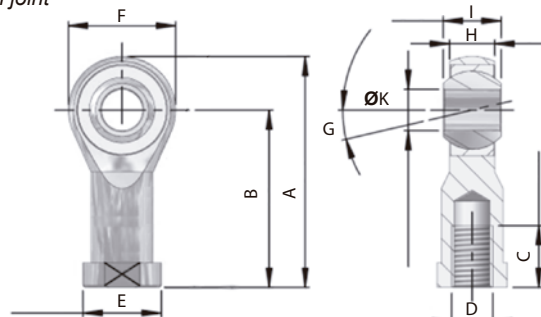
### Fixing and Accessories ISO 15552

**Charnela macho con rótula**  
Single clevis with ball joint



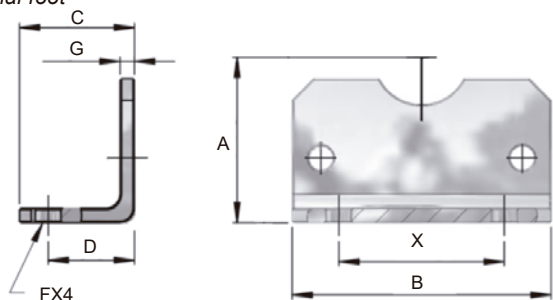
| Código/Code | Ø cilindro | A   | CB  | BB | HB | EB | DB | ØFB | GB |
|-------------|------------|-----|-----|----|----|----|----|-----|----|
| KD000037    | 160        | 140 | 180 | 25 | 37 | 20 | 55 | 30  | 36 |
| KD000038    | 200        | 170 | 220 | 25 | 37 | 25 | 60 | 30  | 36 |

**Rótula**  
Universal joint



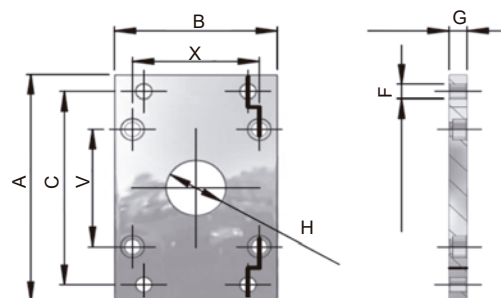
| Código/Code | Ø cilindro | A   | B   | C  | D       | E  | ØF | G  | H    | I  | K  |
|-------------|------------|-----|-----|----|---------|----|----|----|------|----|----|
| KD000010    | 160        | 165 | 125 | 56 | M36X2,0 | 50 | 80 | 15 | 27,5 | 43 | 35 |
| KD000010    | 200        | 165 | 125 | 56 | M36X2,0 | 50 | 80 | 15 | 27,5 | 43 | 35 |

**Pata fijación**  
Axial foot



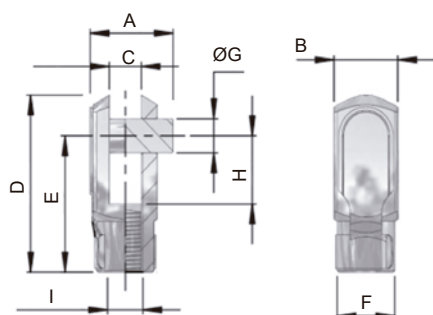
| Código/Code | Ø cilindro | A   | B   | C   | D  | ØF   | G  | X   |
|-------------|------------|-----|-----|-----|----|------|----|-----|
| KD001587    | 160        | 115 | 180 | 80  | 60 | 18,5 | 8  | 115 |
| KD001588    | 200        | 135 | 220 | 100 | 70 | 24   | 9  | 135 |
| KD001589    | 250        | 165 | 275 | 105 | 75 | 28   | 19 | 165 |

**Placa fijación**  
Rod flange



| Código/Code | Ø cilindro | A   | B   | C   | ØF   | G  | V   | X   | ØH   |
|-------------|------------|-----|-----|-----|------|----|-----|-----|------|
| KD001567    | 160        | 280 | 180 | 230 | 18,5 | 20 | 140 | 115 | 65,5 |
| KD001568    | 200        | 320 | 220 | 270 | 24   | 25 | 175 | 135 | 75,5 |
| KD001569    | 250        | 380 | 270 | 330 | 26   | 25 | 220 | 165 | 90,5 |

**Horquilla**  
Rod clevis



| Código/Code | Ø cilindro | A    | B  | C  | D   | E   | F  | ØG | H  | I       |
|-------------|------------|------|----|----|-----|-----|----|----|----|---------|
| FOR36       | 160        | 80,2 | 70 | 35 | 179 | 144 | 35 | 35 | 73 | M36X2,0 |
| FOR36       | 200        | 80,2 | 70 | 35 | 179 | 144 | 35 | 35 | 73 | M36X2,0 |
| FOR42       | 250        | 115  | 85 | 40 | 211 | 168 | 40 | 40 | 86 | M42X2,0 |

■ Para otros diámetros y otros modelos consultar dept. comercial

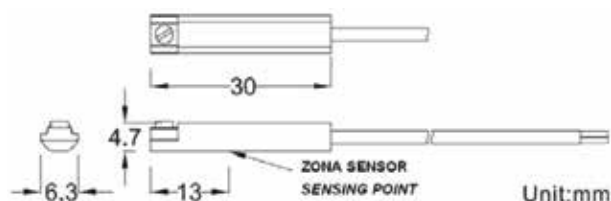
■ For other diameters and figures, please ask our sales dept.

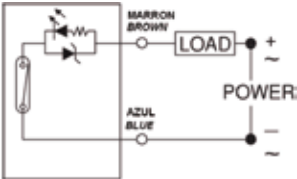
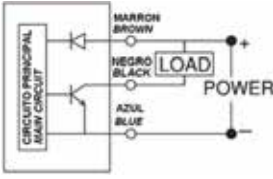
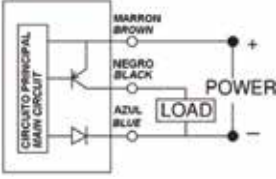
## Sensor magnético y led más cable

### Magnetic Switch with led and cable

#### Características técnicas

#### Specifications



| Características técnicas<br>Specifications                                                 | CNKT50R                                                                                                                 | CNKT50N                                                                                                                  | CNKT50P                                                                                                                   |
|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Largo cable</b><br>Lenght cable                                                         | 2mt (CNKT50R2M)<br>5mt (CNKT50R5M)<br> | 3mt (CNKT50N3M)<br>5mt (CNKT50N5M)<br> | 2mt (CNKT50P2M)<br>5mt (CNKT50P5M)<br> |
| <b>Funcionamiento</b><br>Operation                                                         | Conmutado mediatne señal eléctrica<br>Switching through magnetic field                                                  |                                                                                                                          |                                                                                                                           |
| <b>Tipo contacto</b><br>Contact                                                            | Normalmente abierta (reed)<br>Normally open (reed)                                                                      | Normalmente abierta (NPN)<br>Normally open (NPN)                                                                         | Normalmente abierta (PNP)<br>Normally open (PNP)                                                                          |
| <b>Indicador</b><br>Indicator                                                              | LED rojo<br>Red LED                                                                                                     |                                                                                                                          | LED amarillo<br>Yellow LED                                                                                                |
| <b>Fijación</b><br>Fixing                                                                  | Sobre el perfil con el tornillo o mediante accesorios<br>On profile by a screw or by optional                           |                                                                                                                          |                                                                                                                           |
| <b>Tensión de alimentación</b><br>Tension of supply                                        | 5 ~ 240V DC/AC                                                                                                          | 10 ~ 30V DC/AC                                                                                                           |                                                                                                                           |
| <b>Máxima potencia carga inductiva / resistiva</b><br>Max. power inductive / reactive load | 10 W                                                                                                                    | 6 W                                                                                                                      |                                                                                                                           |
| <b>Pico máximo de corriente</b><br>Max. peak current                                       | 100 mA max.                                                                                                             | 200 mA max.                                                                                                              |                                                                                                                           |
| <b>Bajada máxima de tensión</b><br>Max. drop o tension                                     | 3 V                                                                                                                     | 1.5 V                                                                                                                    |                                                                                                                           |
| <b>Temperatura trabajo</b><br>Working temperature reange                                   | -10°C ÷ 70°C                                                                                                            |                                                                                                                          |                                                                                                                           |
| <b>Grado de protección</b><br>Degree of protection                                         | IP67                                                                                                                    |                                                                                                                          |                                                                                                                           |
| <b>Frecuencia de trabajo</b><br>Operation frequency                                        | 200 Hz                                                                                                                  | 1000 Hz                                                                                                                  |                                                                                                                           |
| <b>Material externo</b><br>External materials                                              | Nylon + cable en PVC<br>Nylon + PVC cable                                                                               |                                                                                                                          |                                                                                                                           |

#### Brida

#### Bracket

| Codigo<br>Code | Ø          |
|----------------|------------|
| BMPF01         | Ø32 - 40   |
| BMPF02         | Ø50 - 63   |
| BMPF03         | Ø80        |
| BMPF04         | Ø100       |
| BMPF05         | Ø125       |
| BMPF06         | Ø160 - 200 |



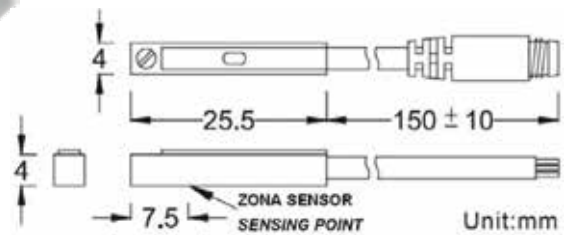
| Codigo<br>Code | Ø       |
|----------------|---------|
| BMBL01         | Ø8 - 63 |

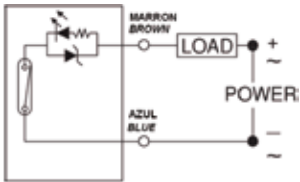
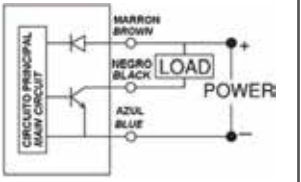
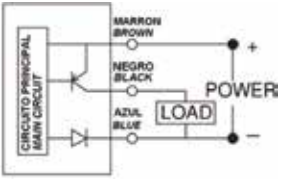


## Sensor magnético con led y conector

### Magnetic Switch with led and connector

#### Características técnicas Specifications



| Características técnicas<br>Specifications                                                 | CNKT50R                                                                                                                 | CNKT50N                                                                                                                  | CNKT50P                                                                                                                   |
|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Largo cable</b><br>Lenght cable                                                         | 2mt (CNKT50R2M)<br>5mt (CNKT50R5M)<br> | 3mt (CNKT50N3M)<br>5mt (CNKT50N5M)<br> | 2mt (CNKT50P2M)<br>5mt (CNKT50P5M)<br> |
| <b>Funcionamiento</b><br>Operation                                                         | Conmutado mediatne señal eléctrica<br>Switching through magnetic field                                                  |                                                                                                                          |                                                                                                                           |
| <b>Tipo contacto</b><br>Contact                                                            | Normalmente abierta (reed)<br>Normally open (reed)                                                                      | Normalmente abierta (NPN)<br>Normally open (NPN)                                                                         | Normalmente abierta (PNP)<br>Normally open (PNP)                                                                          |
| <b>Indicador</b><br>Indicator                                                              | LED rojo<br>Red LED                                                                                                     |                                                                                                                          | LED amarillo<br>Yellow LED                                                                                                |
| <b>Fijación</b><br>Fixing                                                                  | Sobre el perfil con el tornillo o mediante accesorios<br>On profile by a screw or by optional                           |                                                                                                                          |                                                                                                                           |
| <b>Tensión de alimentación</b><br>Tension of supply                                        | 5 ~ 240V DC/AC                                                                                                          | 10 ~ 30V DC/AC                                                                                                           |                                                                                                                           |
| <b>Máxima potencia carga inductiva / resistiva</b><br>Max. power inductive / reactive load | 10 W                                                                                                                    | 6 W                                                                                                                      |                                                                                                                           |
| <b>Pico máximo de corriente</b><br>Max. peak current                                       | 100 mA max.                                                                                                             | 200 mA max.                                                                                                              |                                                                                                                           |
| <b>Bajada máxima de tensión</b><br>Max. drop o tension                                     | 3 V                                                                                                                     | 1.5 V                                                                                                                    |                                                                                                                           |
| <b>Temperatura trabajo</b><br>Working temperature reange                                   | -10°c ÷ 70°C                                                                                                            |                                                                                                                          |                                                                                                                           |
| <b>Grado de protección</b><br>Degree of protection                                         | IP67                                                                                                                    |                                                                                                                          |                                                                                                                           |
| <b>Frecuencia de trabajo</b><br>Operation frequency                                        | 200 Hz                                                                                                                  | 1000 Hz                                                                                                                  |                                                                                                                           |
| <b>Material externo</b><br>External materials                                              | Nylon + cable en PVC<br>Nylon + PVC cable                                                                               |                                                                                                                          |                                                                                                                           |

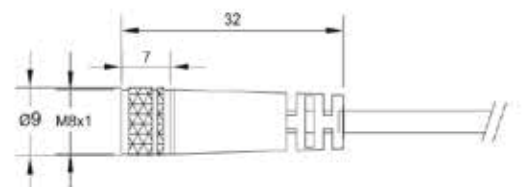
#### Brida Bracket

| Codigo<br>Code | Ø          |
|----------------|------------|
| BMPF01         | Ø32 - 40   |
| BMPF02         | Ø50 - 63   |
| BMPF03         | Ø80        |
| BMPF04         | Ø100       |
| BMPF05         | Ø125       |
| BMPF06         | Ø160 - 200 |



#### Conector con cable Connector with wire

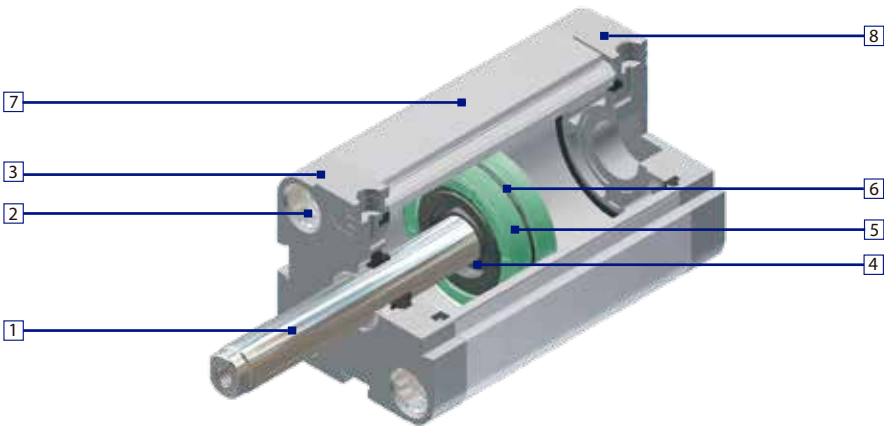
| Codigo<br>Code | m  |
|----------------|----|
| CNM83RPVC2M    | 2m |
| CNM83RPVC5M    | 5m |



**CILINDRO COMPACTO ISO 21287**  
**ISO 21287 COMPACT CYLINDER**



CILINDRO COMPACTO ISO 21287
ISO 21287 compact cylinder



Lista de componentes
Parts list

Table with 6 columns: N°, Descripción / Description, Material / Material, N°, Descripción / Description, Material / Material. It lists 8 components including the piston rod, screws, head cover, piston, piston seal, magnetic ring, cylinder tube, and end cover with their respective materials.

Códigos
Order code

Table for order codes with columns for MGO, 32, M, 50, M, and Tipo de junta. It details various cylinder configurations based on diameter, version (A, AE, AX, AEX, M, E, G, P), stroke (0-2850), and seal type (Standard NBR or VITON).

Ejemplo Código Cilindro compacto ISO 21287 Ø32 carrera 50
Order Code ISO 21287 Compact Cylinder Ø32 Stroke 50

COD: MGO 032 M 0050

Diagram showing the version selection process. It includes a 'Versión / Version' header and a series of icons representing different cylinder versions: A, AE, AEX, AX, E, G, M, and P.

## CILINDROS DE 12 A 100 DE DIAMETRO

### Cylinder from 12 to 100 diameter

#### Características técnicas Specifications

| Características técnicas<br>Specifications                                    | Ø12                                                                                 | Ø16      | Ø20    | Ø25     | Ø32        | Ø40       | Ø50        | Ø63       | Ø80       | Ø100      |
|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|--------|---------|------------|-----------|------------|-----------|-----------|-----------|
| Fluido<br>Fluid                                                               | Aire filtrado, lubricado o sin lubricar<br>Filtred lubricated or not lubricated air |          |        |         |            |           |            |           |           |           |
| Fijaciones<br>Mountings                                                       | ISO 21287                                                                           |          |        |         |            |           |            |           |           |           |
| Conexión<br>Connections                                                       | M5                                                                                  |          |        | G 1/8"  |            |           |            | G 1/4"    |           |           |
| Presión de trabajo<br>Working pressure                                        | = 1 ÷ 10 bar                      2 ÷ 10 bar                                        |          |        |         |            |           |            |           |           |           |
| Temperatura ambiente<br>Working temperature range                             | NBR: -20 ÷ 80°C / VITON: -20 ÷ +150°C                                               |          |        |         |            |           |            |           |           |           |
| Fuerza de trabajo de extensión<br>(6bar)<br>Thrust force (6bar)               | 7 Kg                                                                                | 12 Kg    | 18 Kg  | 29 Kg   | 47 Kg      | 75 Kg     | 120 Kg     | 187 Kg    | 302 Kg    | 302 Kg    |
| Fuerza de trabajo de retracción<br>(6bar)<br>Traction force (6bar)            | 4 Kg                                                                                | 9 Kg     | 14 Kg  | 25 Kg   | 41,4 Kg    | 68 Kg     | 107,7 Kg   | 174 Kg    | 282 Kg    | 450,3 Kg  |
| Vida útil (en condiciones de<br>trabajo adecuadas)<br>Life (if properly used) | 4000 km                                                                             |          |        |         |            | 5000 km   |            |           |           |           |
| Peso [gr]<br>(C=0 peso 1mm CxC)<br>Weight<br>[gr] (C=0 weight 1mm CxC)        |                                                                                     | 64+1,6xC | 80+2xC | 100+3xC | 140+3,35xC | 158+3,4xC | 269+5,15xC | 411+6,2xC | 822+8,2xC | 1714-10xC |

#### Consumo x 10mm carrera (6bar) Consumption x 10mm stroke (6bar)

|                | Ø16                          | Ø20                          | Ø25                        | Ø32                        | Ø40                        | Ø50                         | Ø63                         | Ø80                         | Ø100                        |
|----------------|------------------------------|------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| q <sub>s</sub> | 14x10 <sup>-3</sup> NI/min   | 22x10 <sup>-3</sup> NI/min   | 34x10 <sup>-3</sup> NI/min | 56x10 <sup>-3</sup> NI/min | 87x10 <sup>-3</sup> NI/min | 135x10 <sup>-3</sup> NI/min | 187x10 <sup>-3</sup> NI/min | 350x10 <sup>-3</sup> NI/min | 550x10 <sup>-3</sup> NI/min |
| q <sub>t</sub> | 10,6x10 <sup>-3</sup> NI/min | 12,7x10 <sup>-3</sup> NI/min | 29x10 <sup>-3</sup> NI/min | 48x10 <sup>-3</sup> NI/min | 74x10 <sup>-3</sup> NI/min | 115x10 <sup>-3</sup> NI/min | 170x10 <sup>-3</sup> NI/min | 320x10 <sup>-3</sup> NI/min | 515x10 <sup>-3</sup> NI/min |

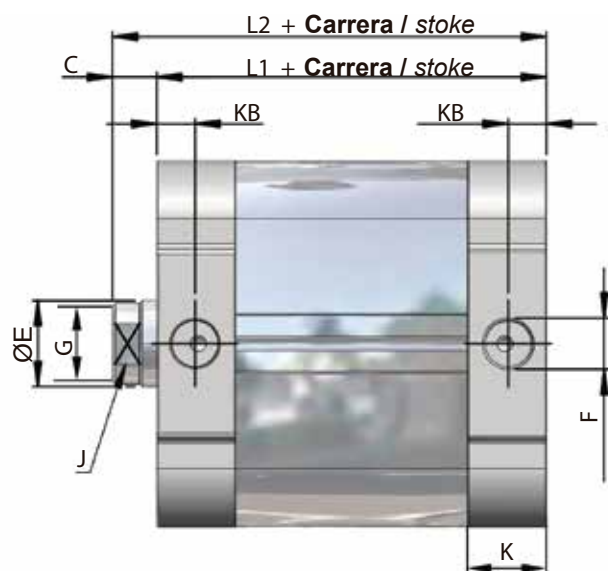
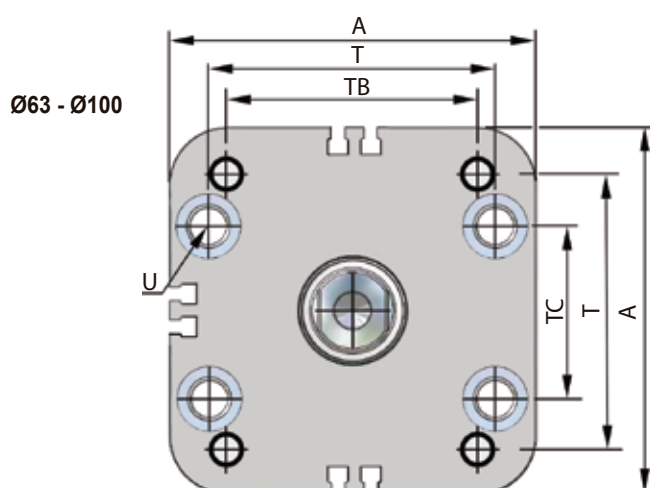
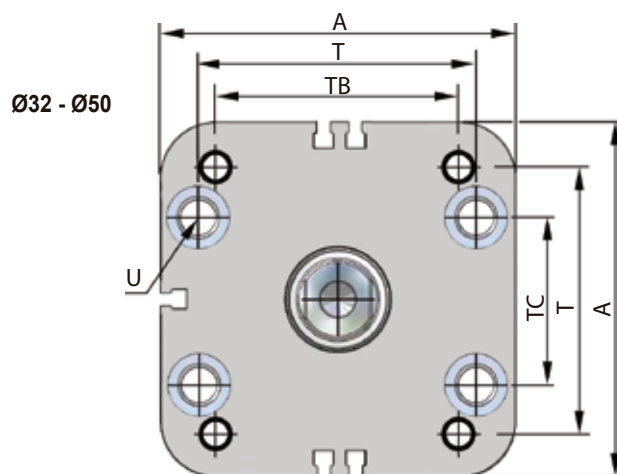
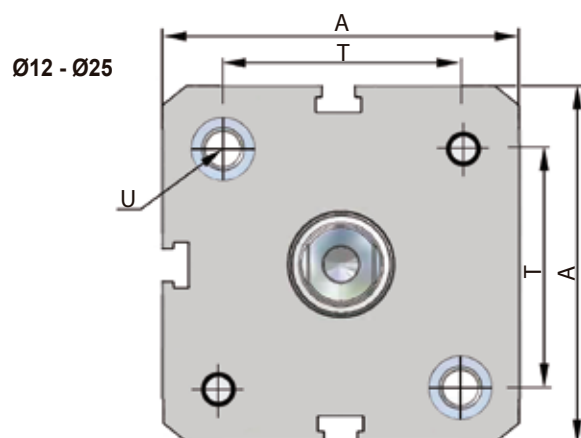
#### Carrera estándar Standar stroker

| Ø<br>(mm) | Carrera / Stroker |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |     |     | Max. Carrera<br>Max. Stroker |
|-----------|-------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|------------------------------|
| Ø12       | 5                 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |    |    |    |    |    |    |     |     |     |     | ... 3000                     |
| Ø16       | 5                 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 70 | 75 |    |    |     |     |     |     |                              |
| Ø20       | 5                 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 70 | 75 | 80 | 90 | 100 |     |     |     |                              |
| Ø25       | 5                 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 70 | 75 | 80 | 90 | 100 | 110 | 120 | 125 | 150                          |
| Ø32       | 5                 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 70 | 75 | 80 | 90 | 100 | 110 | 120 | 125 | 150                          |
| Ø40       | 5                 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 70 | 75 | 80 | 90 | 100 | 110 | 120 | 125 | 150                          |
| Ø50       | 5                 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 70 | 75 | 80 | 90 | 100 | 110 | 120 | 125 | 150                          |
| Ø63       | 5                 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 70 | 75 | 80 | 90 | 100 | 110 | 120 | 125 | 150                          |
| Ø80       | 5                 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 70 | 75 | 80 | 90 | 100 | 110 | 120 | 125 | 150                          |
| Ø100      | 5                 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 70 | 75 | 80 | 90 | 100 | 110 | 120 | 125 | 150                          |

■ Para otras careras consultar dept. comercial

■ For other stroke, ask our sales dept.

**Doble Efecto Magnético rosca hembra**  
*Double Acting Magnetic female thread*

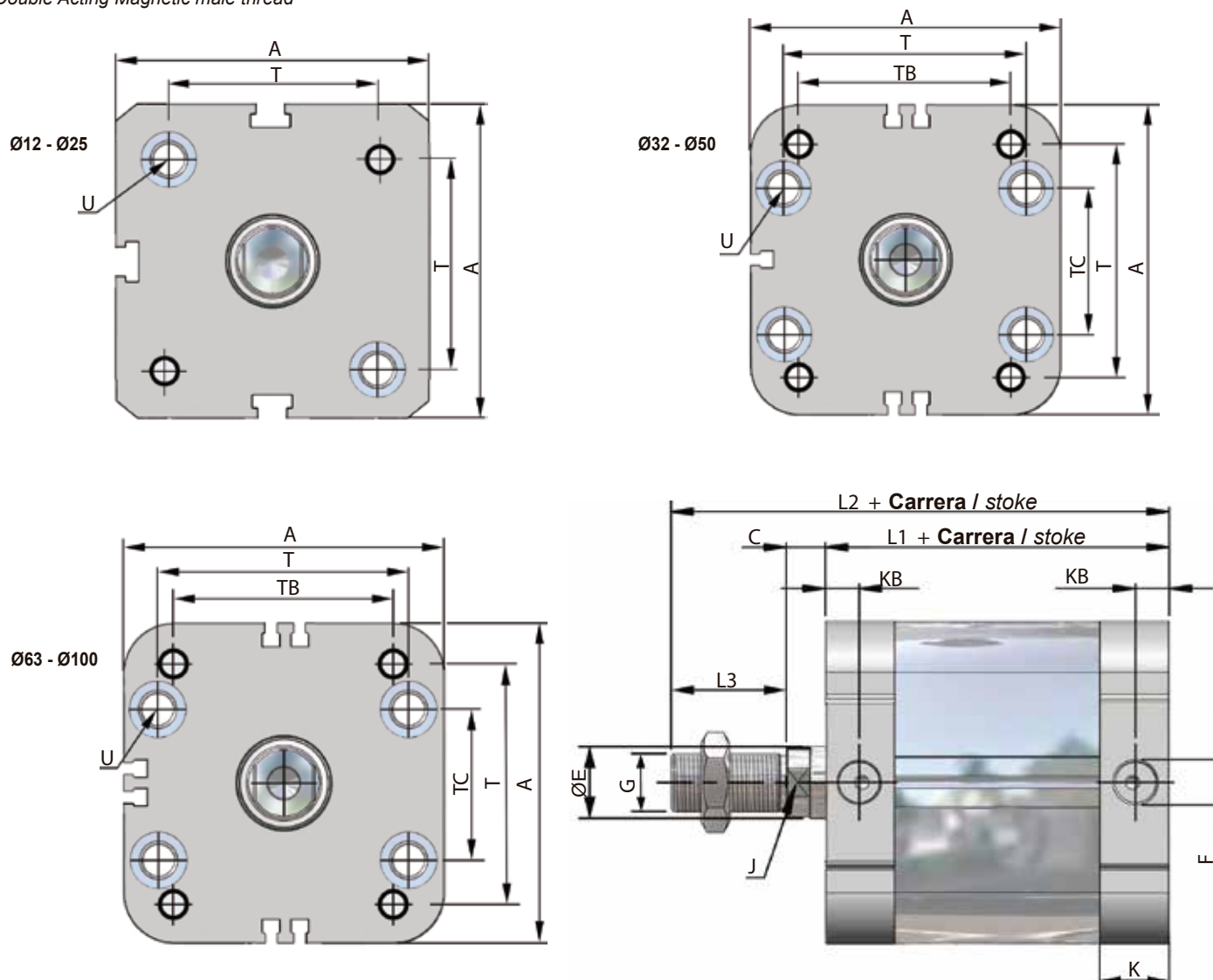


| Ø   | A    | C | ØE | F      | G   | J  | K    | KB   | L1 | L2 | T    | TB  | TC | U   |
|-----|------|---|----|--------|-----|----|------|------|----|----|------|-----|----|-----|
| 12  | 27,5 | 5 | 6  | M5     | M3  | 5  | 10,5 | 6    | 35 | 40 | 16   | -   | -  | M4  |
| 16  | 29   | 5 | 8  | M5     | M4  | 7  | 11   | 6    | 35 | 40 | 18   | -   | -  | M4  |
| 20  | 35,5 | 6 | 10 | M5     | M6  | 8  | 12   | 6    | 37 | 43 | 22   | -   | -  | M5  |
| 25  | 39,5 | 6 | 10 | M5     | M6  | 8  | 12   | 6    | 39 | 45 | 26   | -   | -  | M5  |
| 32  | 47,5 | 5 | 12 | G 1/8" | M8  | 10 | 15   | 7,5  | 45 | 50 | 32,5 | 38  | 17 | M6  |
| 40  | 56,5 | 6 | 12 | G 1/8" | M8  | 10 | 14,5 | 7,25 | 45 | 51 | 38   | 45  | 21 | M6  |
| 50  | 66,5 | 8 | 16 | G 1/8" | M10 | 14 | 14,5 | 7,25 | 45 | 53 | 46,5 | 54  | 27 | M8  |
| 63  | 79,5 | 7 | 16 | G 1/8" | M10 | 14 | 14,5 | 7,25 | 50 | 57 | 56,5 | 66  | 37 | M8  |
| 80  | 100  | 8 | 20 | G 1/8" | M12 | 17 | 16   | 9    | 55 | 63 | 50   | 84  | 47 | M10 |
| 100 | 120  | 9 | 20 | G 1/4" | M12 | 17 | 19,5 | 9,75 | 67 | 76 | 57   | 101 | 60 | M10 |

□ Para otras versiones consultar dept. comercial

□ For other versions, please ask our sales dept.

**Doble Efecto Magnético rosca macho**  
*Double Acting Magnetic male thread*

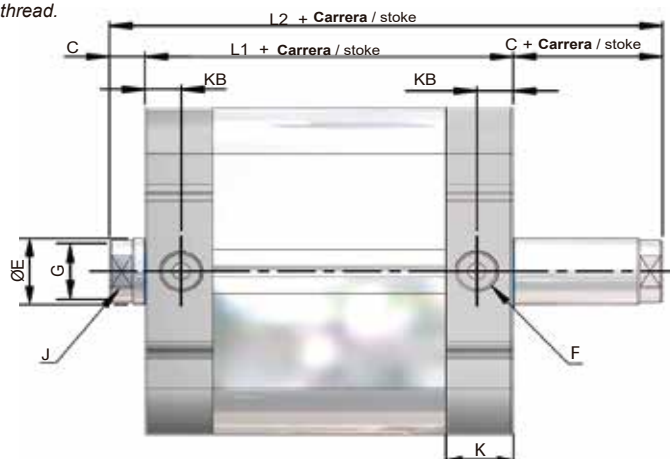


| Ø   | A    | C | ØE | F      | G        | J  | K    | KB   | L1 | L2  | L3 | T    | TB  | TC | U   |
|-----|------|---|----|--------|----------|----|------|------|----|-----|----|------|-----|----|-----|
| 12  | 27,5 | 5 | 6  | M5     | M5       | 5  | 12   | 6    | 35 | 50  | 10 | 16   | -   | -  | M4  |
| 16  | 29   | 5 | 8  | M5     | M6       | 7  | 12   | 6    | 35 | 52  | 12 | 18   | -   | -  | M4  |
| 20  | 35,5 | 6 | 10 | M5     | M8       | 8  | 12   | 6    | 37 | 59  | 16 | 22   | -   | -  | M5  |
| 25  | 39,5 | 6 | 10 | M5     | M8       | 8  | 12   | 6    | 39 | 61  | 16 | 26   | -   | -  | M5  |
| 32  | 47,5 | 5 | 12 | G 1/8" | M10x1,25 | 10 | 15   | 7,5  | 45 | 69  | 19 | 32,5 | 38  | 17 | M6  |
| 40  | 56,5 | 6 | 12 | G 1/8" | M10x1,25 | 10 | 14,5 | 7,25 | 45 | 70  | 19 | 38   | 45  | 21 | M6  |
| 50  | 66,5 | 8 | 16 | G 1/8" | M12x1,25 | 14 | 14,5 | 7,25 | 45 | 75  | 22 | 46,5 | 54  | 27 | M8  |
| 63  | 79,5 | 7 | 16 | G 1/8" | M12x1,25 | 14 | 14,5 | 7,25 | 50 | 79  | 22 | 56,5 | 66  | 37 | M8  |
| 80  | 100  | 8 | 20 | G 1/8" | M16x1,5  | 17 | 16   | 9    | 55 | 91  | 28 | 50   | 84  | 47 | M10 |
| 100 | 120  | 9 | 20 | G 1/4" | M16x1,5  | 17 | 19,5 | 9,75 | 67 | 104 | 28 | 57   | 101 | 60 | M10 |

Para otras versiones consultar dept. comercial

For other versions, please ask our sales dept.

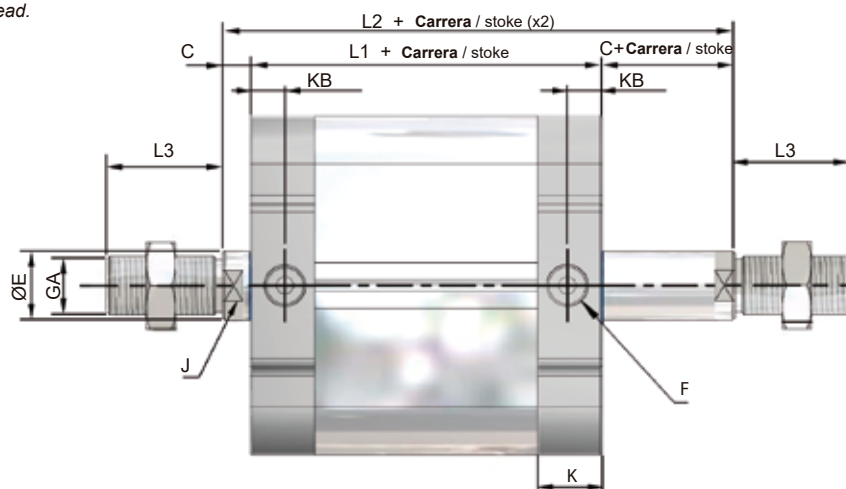
**Doble efecto magnético vástago pasante con rosca hembra**  
*Double Rod Magnetic steel Rod and Female thread.*



| Ø   | C | ØE | F      | G   | J  | K    | KB   | L1 | L2 |
|-----|---|----|--------|-----|----|------|------|----|----|
| 12  | 5 | 6  | M5     | M3  | 5  | 10,5 | 6    | 35 | 45 |
| 16  | 5 | 8  | M5     | M4  | 7  | 11   | 6    | 35 | 45 |
| 20  | 6 | 10 | M5     | M6  | 8  | 12   | 6    | 37 | 49 |
| 25  | 6 | 10 | M5     | M6  | 8  | 12   | 6    | 39 | 51 |
| 32  | 5 | 12 | G 1/8" | M8  | 10 | 15   | 7,5  | 45 | 55 |
| 40  | 6 | 12 | G 1/8" | M8  | 10 | 14,5 | 7,25 | 45 | 57 |
| 50  | 8 | 16 | G 1/8" | M10 | 14 | 14,5 | 7,25 | 45 | 61 |
| 63  | 7 | 16 | G 1/8" | M10 | 14 | 14,5 | 7,25 | 50 | 64 |
| 80  | 8 | 20 | G 1/8" | M12 | 17 | 16   | 9    | 55 | 70 |
| 100 | 9 | 20 | G 1/4" | M12 | 17 | 19,5 | 9,75 | 67 | 85 |



**Doble efecto magnético vástago pasante con rosca macho**  
*Double Rod Magnetic steel Rod and male thread.*



| Ø   | C | ØE | F      | GA       | J  | K    | KB   | L1 | L2 | L3 |
|-----|---|----|--------|----------|----|------|------|----|----|----|
| 12  | 5 | 6  | M5     | M5       | 5  | 12   | 6    | 35 | 45 | 10 |
| 16  | 5 | 8  | M5     | M6       | 7  | 12   | 6    | 35 | 45 | 12 |
| 20  | 6 | 10 | M5     | M8       | 8  | 12   | 6    | 37 | 49 | 16 |
| 25  | 6 | 10 | M5     | M8       | 8  | 12   | 6    | 39 | 51 | 16 |
| 32  | 5 | 12 | G 1/8" | M10x1,25 | 10 | 15   | 7,5  | 45 | 55 | 19 |
| 40  | 6 | 12 | G 1/8" | M10x1,25 | 10 | 14,5 | 7,25 | 45 | 57 | 19 |
| 50  | 8 | 16 | G 1/8" | M12x1,25 | 14 | 14,5 | 7,25 | 45 | 61 | 22 |
| 63  | 7 | 16 | G 1/8" | M12x1,25 | 14 | 14,5 | 7,25 | 50 | 64 | 22 |
| 80  | 8 | 20 | G 1/8" | M16x1,5  | 17 | 16   | 9    | 55 | 70 | 28 |
| 100 | 9 | 20 | G 1/4" | M16x1,5  | 17 | 19,5 | 9,75 | 67 | 85 | 28 |



Para otras versiones consultar dept. comercial

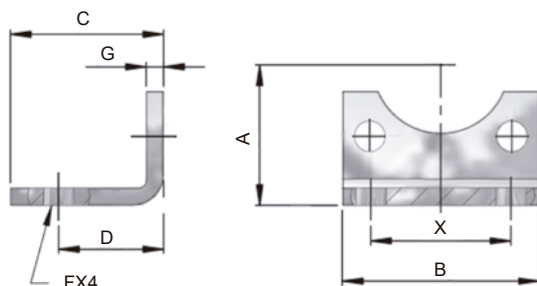
For other versions, please ask our sales dept.

### ACCESORIOS Y FIJACIONES ISO 21287

#### Fixing and Accesories ISO 21287

##### Pata fijación

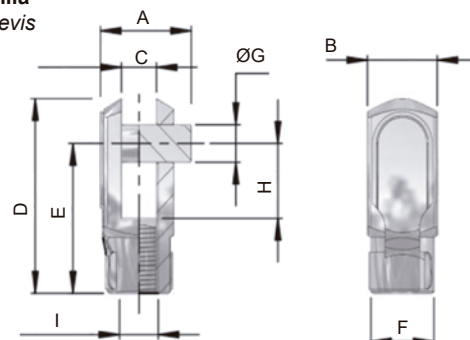
Axial foot



| Código/Code | Ø cilindro | A    | B   | C    | D  | ØF  | G   | X  |
|-------------|------------|------|-----|------|----|-----|-----|----|
| KD001676    | 12         | 21   | 25  | 18   | 13 | 5,5 | 3   | 16 |
| KD001677    | 16         | 22   | 27  | 17,8 | 13 | 5,5 | 3   | 18 |
| KD001678    | 20         | 27   | 34  | 22,3 | 16 | 6,5 | 3,8 | 22 |
| KD001679    | 25         | 29   | 38  | 22,3 | 16 | 6,5 | 3,8 | 26 |
| KD001680    | 32         | 33,5 | 48  | 22,3 | 16 | 7   | 4   | 32 |
| KD001681    | 40         | 38   | 54  | 26   | 18 | 10  | 4   | 36 |
| KD001682    | 50         | 45   | 65  | 29   | 21 | 10  | 5   | 45 |
| KD001683    | 63         | 50   | 75  | 29   | 21 | 10  | 5   | 50 |
| KD001684    | 80         | 63   | 95  | 36,5 | 26 | 12  | 6   | 63 |
| KD001685    | 100        | 74   | 112 | 39,5 | 27 | 14  | 6   | 75 |

##### Horquilla

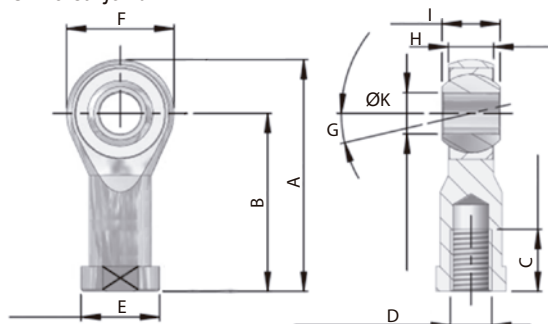
Rod clevis



| Código/Code | A  | B  | C  | D   | E  | F  | ØG | H  | I        |
|-------------|----|----|----|-----|----|----|----|----|----------|
| FOR6        | 16 | 12 | 6  | 31  | 24 | 10 | 6  | 12 | M6X1,00  |
| FOR8        | 22 | 20 | 8  | 42  | 32 | 14 | 8  | 16 | M8X1,25  |
| FOR10       | 26 | 24 | 10 | 52  | 40 | 18 | 10 | 20 | M10X1,25 |
| FOR10       | 26 | 20 | 10 | 52  | 40 | 18 | 10 | 20 | M10X1,25 |
| FOR12       | 27 | 24 | 12 | 62  | 48 | 20 | 12 | 24 | M12X1,25 |
| FOR16       | 38 | 32 | 16 | 83  | 64 | 26 | 16 | 32 | M16X1,50 |
| FOR16       | 38 | 32 | 16 | 83  | 64 | 26 | 16 | 32 | M16X1,50 |
| FOR20       | 47 | 40 | 20 | 105 | 80 | 34 | 20 | 40 | M20X1,50 |
| FOR20       | 47 | 40 | 20 | 105 | 80 | 34 | 20 | 40 | M20X1,50 |

##### Rótula

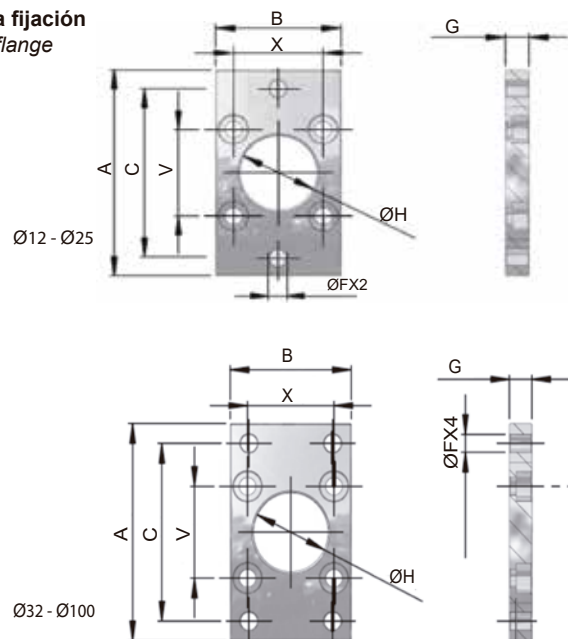
Universal joint



| Código/Code | A   | B  | C  | D        | E  | F  | G  | H   | I  | ØK |
|-------------|-----|----|----|----------|----|----|----|-----|----|----|
| KD000003    | 40  | 30 | 30 | M6X1,00  | 10 | 20 | 13 | 6,8 | 9  | 6  |
| KD000004    | 48  | 36 | 36 | M8X1,25  | 10 | 24 | 13 | 9   | 12 | 8  |
| KD000005    | 56  | 43 | 43 | M10X1,25 | 11 | 26 | 13 | 11  | 14 | 10 |
| KD000005    | 56  | 43 | 20 | M10X1,25 | 17 | 26 | 13 | 11  | 14 | 10 |
| KD000006    | 66  | 50 | 22 | M12X1,25 | 19 | 32 | 13 | 12  | 16 | 12 |
| KD000007    | 84  | 64 | 28 | M16X1.5  | 22 | 40 | 15 | 15  | 21 | 16 |
| KD000007    | 84  | 64 | 28 | M16X1.5  | 22 | 40 | 15 | 15  | 21 | 16 |
| KD000008    | 100 | 77 | 33 | M20X1.5  | 30 | 46 | 15 | 18  | 25 | 20 |
| KD000008    | 100 | 77 | 33 | M20X1.5  | 30 | 46 | 15 | 18  | 25 | 20 |

##### Placa fijación

Rod flange



| Código/Code | Ø cilindro | A   | B    | C   | ØF   | G  | ØH   | X  |
|-------------|------------|-----|------|-----|------|----|------|----|
| KD001656    | 12         | 55  | 25   | 40  | 5,5  | 8  | 10   | -  |
| KD001657    | 16         | 55  | 30   | 43  | 5,5  | 8  | 10   | -  |
| KD001658    | 20         | 68  | 35   | 55  | 6,6  | 8  | 16   | -  |
| KD001659    | 25         | 76  | 39,5 | 60  | 6,6  | 8  | 16   | -  |
| KD001660    | 32         | 80  | 47   | 64  | 7    | 10 | 30,5 | 32 |
| KD001661    | 40         | 90  | 53   | 72  | 9    | 10 | 35,5 | 36 |
| KD001662    | 50         | 108 | 65   | 90  | 9    | 12 | 40,5 | 45 |
| KD001663    | 63         | 118 | 75   | 100 | 9    | 12 | 45,5 | 50 |
| KD001664    | 80         | 150 | 95   | 126 | 12,5 | 16 | 45,5 | 63 |
| KD001665    | 100        | 176 | 115  | 150 | 14,5 | 16 | 55,5 | 75 |

■ Para otros diámetros y otros modelos consultar dept. comercial

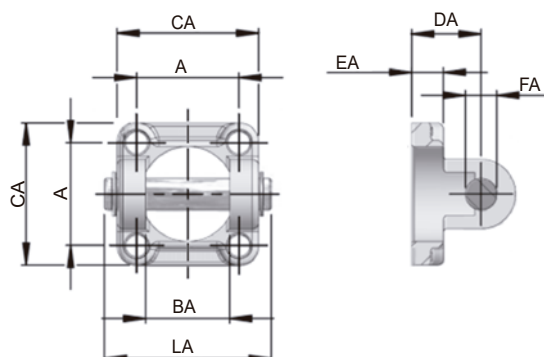
■ For other diameters and figures, please ask our sales dept.

### ACCESORIOS Y FIJACIONES ISO 21287

#### Fixing and Accesories ISO 21287

##### Charnela hembra con perno

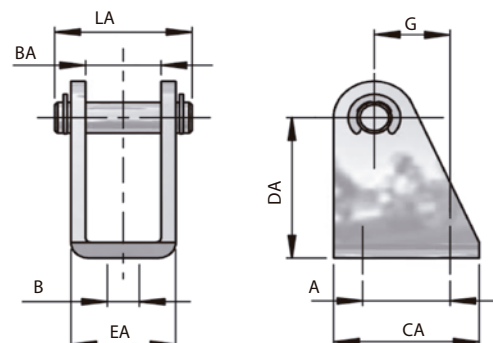
Double clevis pivot bracket



| Código/Code | Ø cilindro | A     | BA   | CA | DA   | FA   | LA  |
|-------------|------------|-------|------|----|------|------|-----|
| KD001600    | 32         | 89    | 76   | 32 | 33,5 | 44   | 48  |
| KD001601    | 40         | 97,5  | 81,5 | 36 | 38   | 45,5 | 54  |
| KD001602    | 50         | 103,5 | 87,5 | 45 | 45   | 45,5 | 65  |
| KD001603    | 63         | 107   | 91   | 50 | 50   | 49   | 75  |
| KD001604    | 80         | 127   | 106  | 63 | 63   | 54   | 95  |
| KD001605    | 100        | 146   | 121  | 75 | 74   | 67   | 112 |

##### Charnela hembra

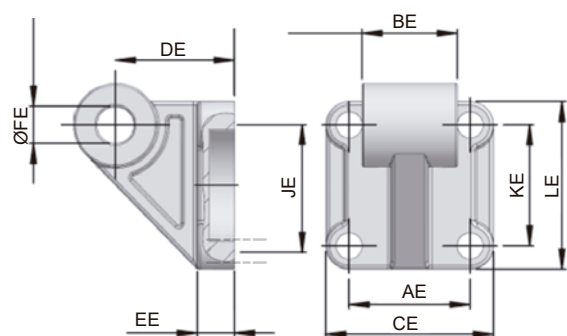
Swivel flange



| Código/Code | Ø cilindro | A  | B   | BA   | CA | DA | EA   | G  | L  |
|-------------|------------|----|-----|------|----|----|------|----|----|
| KD001021    | 12         | 15 | 5,5 | 12,1 | 25 | 27 | 18,1 | 13 | 28 |
| KD001021    | 16         | 15 | 5,5 | 12,1 | 25 | 27 | 18,1 | 13 | 28 |
| KD001022    | 20         | 20 | 7   | 16,1 | 32 | 30 | 24,1 | 16 | 38 |
| KD001022    | 25         | 20 | 7   | 16,1 | 32 | 30 | 24,1 | 16 | 38 |

##### Soporte lateral 90°

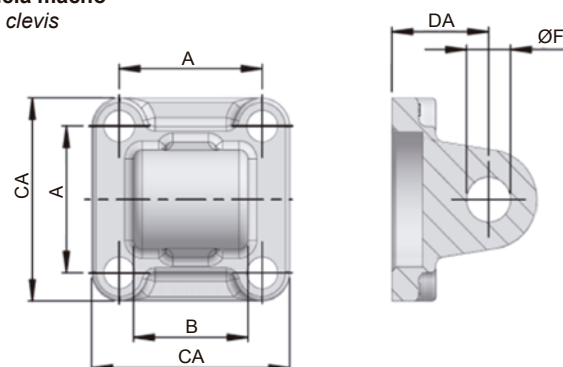
Clevis pivot bracket



| Código/Code | Ø cilindro | AF | BE | CE | DE | EE  | ØFE | JE | KE | LE |
|-------------|------------|----|----|----|----|-----|-----|----|----|----|
| KD001550    | 32         | 18 | 26 | 51 | 32 | 94  | 10  | 21 | 38 | 31 |
| KD001551    | 40         | 22 | 28 | 54 | 36 | 105 | 12  | 24 | 41 | 35 |
| KD001552    | 50         | 30 | 32 | 65 | 45 | 106 | 12  | 33 | 50 | 45 |
| KD001553    | 63         | 35 | 40 | 67 | 50 | 121 | 16  | 37 | 52 | 50 |
| KD001554    | 80         | 40 | 50 | 86 | 63 | 128 | 16  | 47 | 66 | 60 |
| KD001555    | 100        | 50 | 60 | 96 | 71 | 138 | 20  | 55 | 76 | 70 |

##### Charnela macho

Single clevis



| Código/Code | Ø cilindro | A    | B    | CA   | DA | ØF |
|-------------|------------|------|------|------|----|----|
| KD001616    | 12         | 16   | 11,9 | 24   | 16 | 6  |
| KD001617    | 16         | 18   | 11,9 | 28,5 | 16 | 6  |
| KD001618    | 20         | 22   | 15,9 | 34,5 | 20 | 8  |
| KD001619    | 25         | 26   | 15,9 | 38,5 | 20 | 8  |
| KD001620    | 32         | 32,5 | 25,8 | 46,5 | 22 | 10 |
| KD001621    | 40         | 38   | 27,8 | 54   | 25 | 12 |
| KD001622    | 50         | 46,5 | 31,7 | 64   | 27 | 12 |
| KD001623    | 63         | 56,5 | 39,7 | 75   | 32 | 16 |
| KD001624    | 80         | 72   | 49,7 | 93   | 36 | 16 |
| KD001625    | 100        | 89   | 59,7 | 110  | 41 | 20 |

■ Para otros diámetros y otros modelos consultar dept. comercial

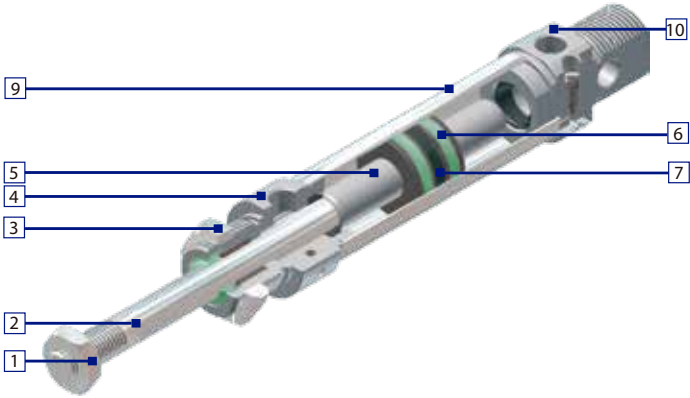
■ For other diameters and figures, please ask our sales dept.

**CILINDRO ISO 6432 Y REDONDO**  
**ISO 6432 CYLINDER AND ROUND CYLINDER**



Lista de componentes
Parts list

Table with 3 columns: N°, Descripción / Description, Material / Material. Rows include parts like Tuerca vástago, Vástago, Tuerca culata delantera, etc.



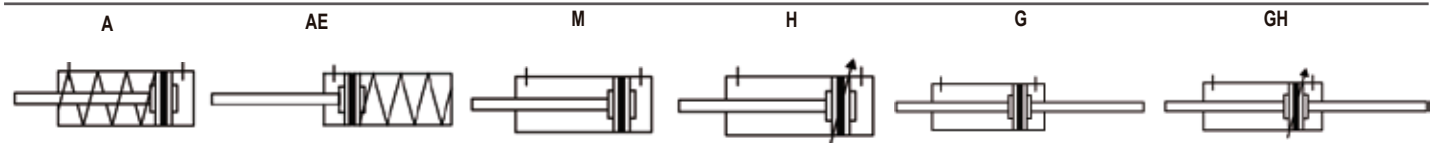
Códigos
Order code

Table with 5 columns: MGM, 25, G, 50, and Tipo de junta. It details the order code structure for different cylinder models and seal types.

Ejemplo Código Cilindro redondo a normativa ISO 6432. Doble vástago pasante magnetico. Ø25 carrera 50
Order Code ISO 6432 round cylinder. Double Acting Magnetic Ø25 Stroke 50

COD: MGM 025 G 0050

Versión
Version



## CILINDROS DIAMETRO 8mm A 25mm

Cylinder from diameter 8mm a 25mm



### Características técnicas

#### Specifications

| Características técnicas<br>Specifications |  | Ø8                                                                                  | Ø10 | Ø12 | Ø16 | Ø20    | Ø25 |
|--------------------------------------------|--|-------------------------------------------------------------------------------------|-----|-----|-----|--------|-----|
| Fluido<br>Fluid                            |  | Aire filtrado, lubricado o sin lubricar<br>Filtred lubricated or not lubricated air |     |     |     |        |     |
| Fijaciones<br>Mountings                    |  | ISO 6432                                                                            |     |     |     |        |     |
| Conexión<br>Connections                    |  | M5                                                                                  |     |     |     | G 1/8" |     |
| Presión de trabajo<br>Working pressure     |  | = 1 ÷ 10 bar                                                                        |     |     |     |        |     |

### Carrera estándar

#### Stand stroke

| Ø<br>(mm) | Carrera / Stroke |    |    |    |    |     |     |     |     |     |     |     |     |     |
|-----------|------------------|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ø8        | 10               | 25 | 40 | 50 | 80 | 100 |     |     |     |     |     |     |     |     |
| Ø10       | 10               | 25 | 40 | 50 | 80 | 100 |     |     |     |     |     |     |     |     |
| Ø12       | 10               | 25 | 40 | 50 | 80 | 100 | 125 | 160 | 200 |     |     |     |     |     |
| Ø16       | 10               | 25 | 40 | 50 | 80 | 100 | 125 | 160 | 200 |     |     |     |     |     |
| Ø20       | 10               | 25 | 40 | 50 | 80 | 100 | 125 | 160 | 200 | 250 | 300 | 320 |     |     |
| Ø25       | 10               | 25 | 40 | 50 | 80 | 100 | 125 | 160 | 200 | 250 | 300 | 320 | 400 | 500 |

■ Para otras carreras consultar dept. comercial

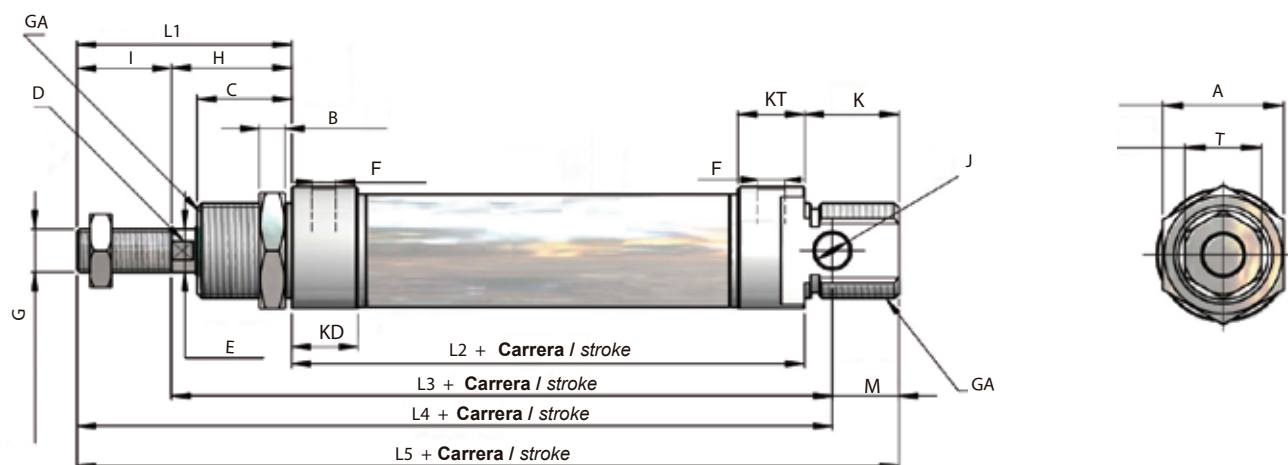
■ For other stroke, ask our sales dept.

### Consumo x 10mm carrera (6bar)

#### Consumption x 10mm stroke (6bar)

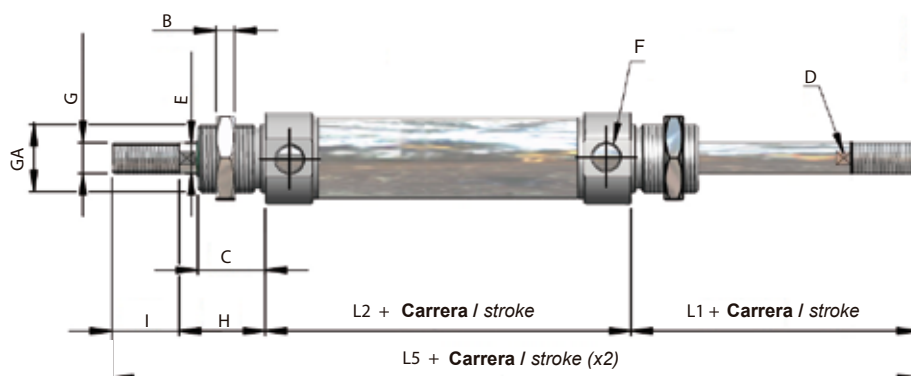
|     |                                                                       |
|-----|-----------------------------------------------------------------------|
| Ø8  | qs= 3,5x10 <sup>-3</sup> NI/min<br>qt = 2,7x10 <sup>-3</sup> NI/min   |
| Ø10 | qs= 5,5x10 <sup>-3</sup> NI/min<br>qt = 4,6x10 <sup>-3</sup> NI/min   |
| Ø12 | qs= 7,9x10 <sup>-3</sup> NI/min<br>qt = 5,9x10 <sup>-3</sup> NI/min   |
| Ø16 | qs= 14,1x10 <sup>-3</sup> NI/min<br>qt = 12,1x10 <sup>-3</sup> NI/min |
| Ø20 | qs= 22,1x10 <sup>-3</sup> NI/min<br>qt = 18,5x10 <sup>-3</sup> NI/min |
| Ø25 | qs= 34,5x10 <sup>-3</sup> NI/min<br>qt = 28,9x10 <sup>-3</sup> NI/min |

**Doble Efecto Magnético**  
*Double Acting Magnetic*



| Ø  | A  | B | C  | D | ØE | F      | G        | GA       | H    | I    | ØJ | K  | L1 | L2 | L3    | L4  | L5  | KD   | T  | KT   | M  |
|----|----|---|----|---|----|--------|----------|----------|------|------|----|----|----|----|-------|-----|-----|------|----|------|----|
| 8  | 17 | 6 | 12 | - | 4  | M5x0,8 | M4x0,7   | M12x1,25 | 17,5 | 10,5 | 4  | 12 | 28 | 46 | 64    | 78  | 86  | 11,5 | 7  | 9,5  | 10 |
| 10 | 17 | 6 | 12 | - | 4  | M5x0,8 | M4x0,7   | M12x1,25 | 17,5 | 10,5 | 4  | 12 | 28 | 46 | 64    | 78  | 86  | 11,5 | 7  | 9,5  | 10 |
| 12 | 22 | 6 | 17 | 5 | 6  | M5x0,8 | M6x1,0   | M16x1,5  | 24   | 14   | 6  | 17 | 38 | 50 | 75    | 91  | 105 | 12,5 | 10 | 10,5 | 14 |
| 16 | 22 | 6 | 17 | 5 | 6  | M5x0,8 | M6x1,0   | M16x1,5  | 23,5 | 14,5 | 6  | 17 | 38 | 56 | 82    | 98  | 111 | 12,5 | 10 | 10,5 | 13 |
| 20 | 29 | 7 | 20 | 6 | 8  | 1/8"   | M8x1,25  | M22x1,5  | 26   | 18   | 8  | 20 | 44 | 62 | 95,5  | 115 | 126 | 14,5 | 12 | 14,5 | 11 |
| 25 | 29 | 7 | 22 | 8 | 10 | 1/8"   | M10x1,25 | M22x1,5  | 29,5 | 20,5 | 8  | 22 | 50 | 65 | 104,5 | 126 | 137 | 16   | 17 | 16   | 11 |

**Doble Vástago Pasante Magnético**  
*Double Rod Magnetic*

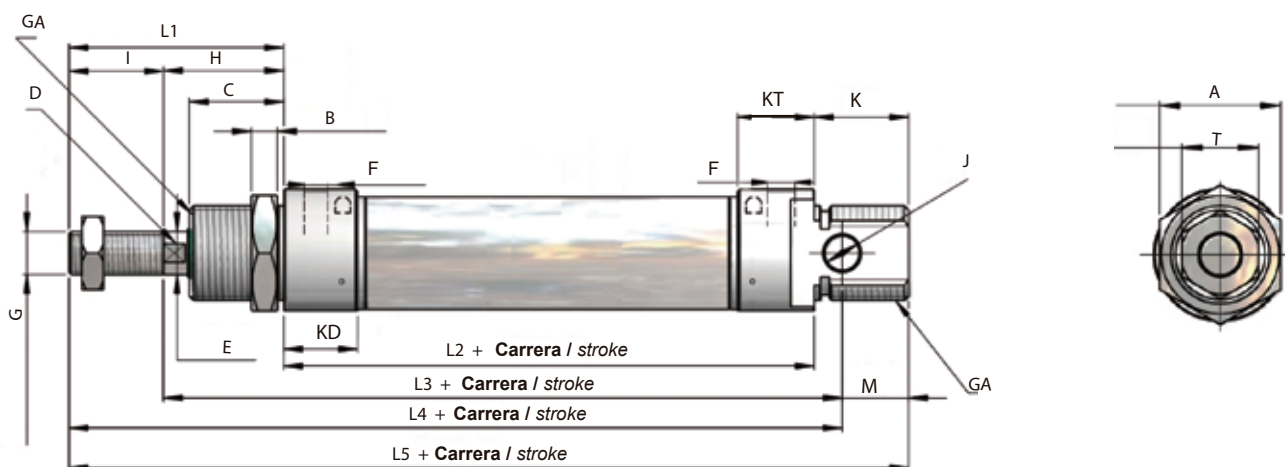


| Ø  | B | C  | D | ØE | F      | G        | GA       | H    | I    | L1 | L2 | L5  |
|----|---|----|---|----|--------|----------|----------|------|------|----|----|-----|
| 8  | 6 | 12 | - | 4  | M5x0,8 | M4x0,7   | M12x1,25 | 17,5 | 10,5 | 28 | 48 | 104 |
| 10 | 6 | 12 | - | 4  | M5x0,8 | M4x0,7   | M12x1,25 | 17,5 | 10,5 | 28 | 48 | 104 |
| 12 | 6 | 17 | 5 | 6  | M5x0,8 | M6x1,0   | M16x1,5  | 24   | 14   | 38 | 52 | 128 |
| 16 | 6 | 17 | 5 | 6  | M5x0,8 | M6x1,0   | M16x1,5  | 23,5 | 14,5 | 38 | 58 | 134 |
| 20 | 7 | 20 | 6 | 8  | 1/8"   | M8x1,25  | M22x1,5  | 26   | 18   | 44 | 62 | 150 |
| 25 | 7 | 22 | 8 | 10 | 1/8"   | M10x1,25 | M22x1,5  | 30   | 20   | 50 | 65 | 165 |

Para otras versiones consultar dept. comercial

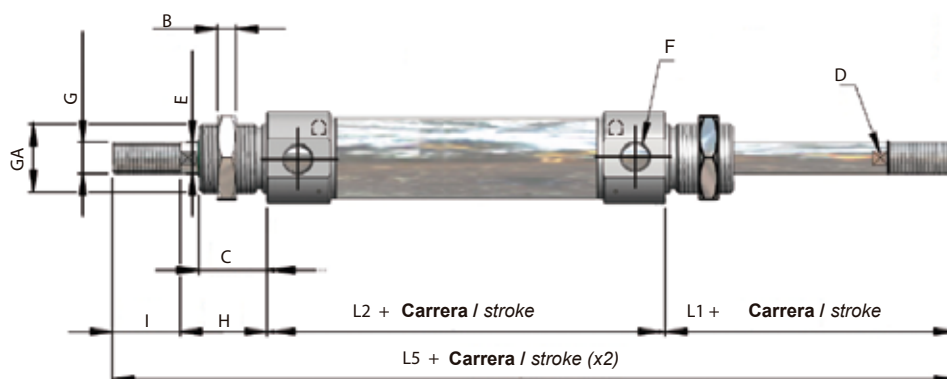
For other versions, please ask our sales dept.

**Doble Efecto Magnético Amortiguado**  
*Double Acting Magnetic with Cushion*



| Ø  | A  | B | C  | D | ØE | F      | G        | GA      | H    | I    | ØJ | K  | L1 | L2 | L3  | L4  | L5  | KD   | T  | KT   | M  |
|----|----|---|----|---|----|--------|----------|---------|------|------|----|----|----|----|-----|-----|-----|------|----|------|----|
| 16 | 22 | 6 | 17 | 5 | 6  | M5x0,8 | M6x1,0   | M16x1,5 | 23,5 | 14,5 | 6  | 17 | 38 | 56 | 82  | 98  | 111 | 12,5 | 10 | 12   | 13 |
| 20 | 29 | 7 | 20 | 6 | 8  | 1/8"   | M8x1,25  | M22x1,5 | 26   | 18   | 8  | 20 | 44 | 62 | 95  | 115 | 126 | 14,5 | 12 | 14,5 | 11 |
| 25 | 29 | 7 | 22 | 8 | 10 | 1/8"   | M10x1,25 | M22x1,5 | 29,5 | 20,5 | 8  | 22 | 50 | 65 | 104 | 126 | 137 | 16   | 17 | 16   | 11 |

**Doble Vástago Pasante Magnético Amortiguado**  
*Double Rod Magnetic with Cushion*



| Ø  | B | C  | D | ØE | F      | G        | GA      | H    | I    | L1 | L2 | L5  |
|----|---|----|---|----|--------|----------|---------|------|------|----|----|-----|
| 16 | 6 | 17 | 5 | 6  | M5x0,8 | M6x1,0   | M16x1,5 | 23,5 | 14,5 | 38 | 58 | 134 |
| 20 | 7 | 20 | 6 | 8  | 1/8"   | M8x1,25  | M22x1,5 | 26   | 18   | 44 | 62 | 150 |
| 25 | 7 | 22 | 8 | 10 | 1/8"   | M10x1,25 | M22x1,5 | 30   | 20   | 50 | 65 | 165 |

Para otras versiones consultar dept. comercial

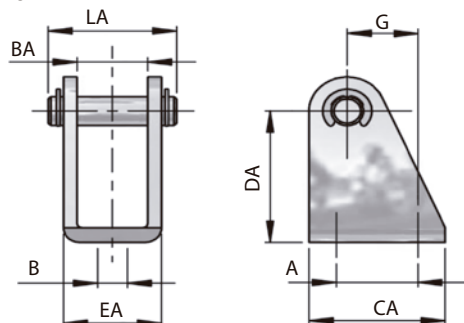
For other versions, please ask our sales dept.

## ACCESORIOS Y FIJACIONES ISO 6432 DIAMETRO 8mm A 25mm

### Fixing and Accessories ISO 6432 from diameter 8mm a 25mm

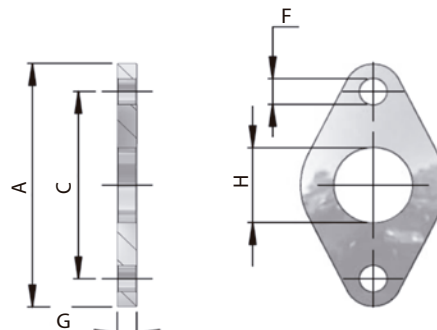
#### Charnela hembra

Swivel flange



#### Placa fijación de dos agujeros

Rod flange

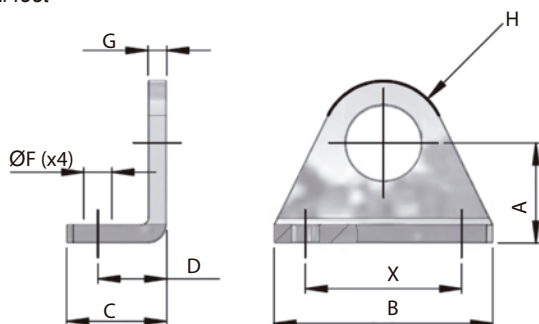


| Código/Code | Ø cilindro | A    | B   | BA   | CA | DA | EA   | G  | L    |
|-------------|------------|------|-----|------|----|----|------|----|------|
| KD001020    | 8          | 12,5 | 4,5 | 8,1  | 20 | 24 | 13,1 | 11 | 18,4 |
| KD001020    | 10         | 12,5 | 4,5 | 8,1  | 20 | 24 | 13,1 | 11 | 18,4 |
| KD001021    | 12         | 15   | 5,5 | 12,1 | 25 | 27 | 18,1 | 13 | 28   |
| KD001021    | 16         | 15   | 5,5 | 12,1 | 25 | 27 | 18,1 | 13 | 28   |
| KD001022    | 20         | 20   | 7   | 16,1 | 32 | 30 | 24,1 | 16 | 38   |
| KD001022    | 25         | 20   | 7   | 16,1 | 32 | 30 | 24,1 | 16 | 38   |

| Código/Code | Ø cilindro | A  | C  | ØF  | G | ØH |
|-------------|------------|----|----|-----|---|----|
| KD001571    | 8          | 40 | 30 | 4,5 | 3 | 12 |
| KD001571    | 10         | 40 | 30 | 4,5 | 3 | 12 |
| KD001572    | 12         | 52 | 40 | 5,5 | 4 | 16 |
| KD001572    | 16         | 52 | 40 | 5,5 | 4 | 16 |
| KD001573    | 20         | 66 | 50 | 6,5 | 5 | 22 |
| KD001573    | 25         | 66 | 50 | 6,5 | 5 | 22 |

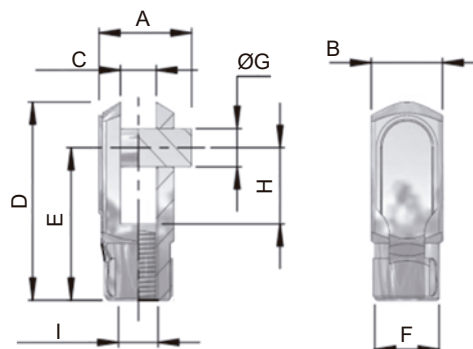
#### Pata fijación

Axial foot



#### Horquilla

Rod clevis

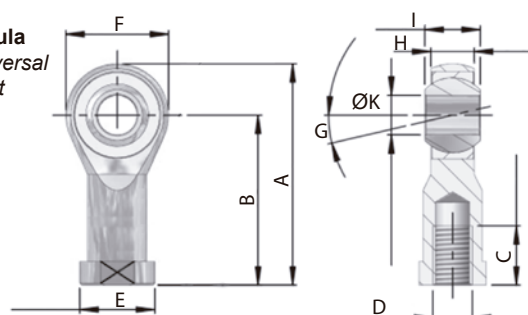


| Código/Code | Ø cilindro | A  | B  | C  | D  | ØF(x4) | G   | H  | X  |
|-------------|------------|----|----|----|----|--------|-----|----|----|
| KD001590    | 8          | 16 | 35 | 16 | 11 | 4,5    | 2   | 10 | 25 |
| KD001590    | 10         | 16 | 35 | 16 | 11 | 4,5    | 2   | 10 | 25 |
| KD001592    | 12         | 20 | 42 | 20 | 14 | 5,5    | 2,5 | 13 | 32 |
| KD001592    | 16         | 20 | 42 | 20 | 14 | 5,5    | 2,5 | 13 | 32 |
| KD001593    | 20         | 25 | 54 | 25 | 17 | 7      | 3   | 20 | 40 |
| KD001593    | 25         | 25 | 54 | 25 | 17 | 7      | 3   | 20 | 40 |

| Código/Code | Ø cilindro | A  | B  | C  | D  | E  | F  | ØG | H  | I        |
|-------------|------------|----|----|----|----|----|----|----|----|----------|
| FOR04       | 8          | 11 | 8  | 4  | 21 | 16 | 8  | 4  | 8  | M4x0,7   |
| FOR04       | 10         | 11 | 8  | 4  | 21 | 16 | 8  | 4  | 8  | M4x0,7   |
| FOR06       | 12         | 16 | 12 | 6  | 31 | 24 | 10 | 6  | 12 | M6x1,0   |
| FOR06       | 16         | 16 | 12 | 6  | 31 | 24 | 10 | 6  | 12 | M6x1,0   |
| FOR08       | 20         | 22 | 20 | 8  | 42 | 32 | 14 | 8  | 16 | M8x1,25  |
| FOR10       | 25         | 26 | 24 | 10 | 52 | 40 | 18 | 10 | 20 | M10x1,25 |

#### Rótula

Universal Joint



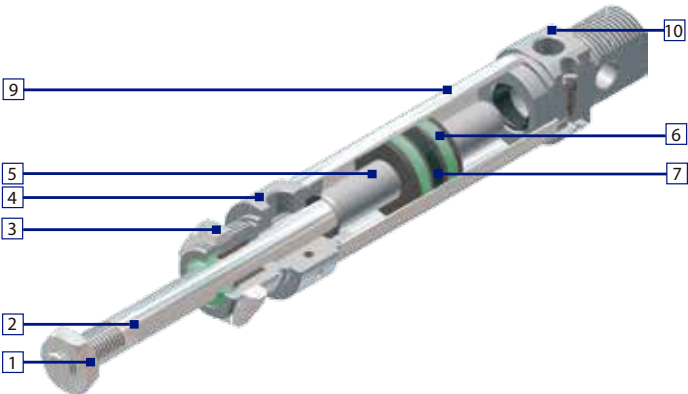
| Código/Code | Ø cilindro | A  | B  | C  | D        | E  | F  | G  | H   | I  | ØK |
|-------------|------------|----|----|----|----------|----|----|----|-----|----|----|
| KD000002    | 8          | 36 | 27 | 10 | M4x0,7   | 10 | 18 | 13 | 6   | 8  | 5  |
| KD000002    | 10         | 36 | 27 | 10 | M4x0,7   | 10 | 18 | 13 | 6   | 8  | 5  |
| KD000003    | 12         | 40 | 30 | 12 | M6x1,00  | 11 | 20 | 13 | 6,8 | 9  | 6  |
| KD000003    | 16         | 40 | 30 | 12 | M6x1,00  | 11 | 20 | 13 | 6,8 | 9  | 6  |
| KD000004    | 20         | 48 | 36 | 16 | M8x1,25  | 14 | 24 | 13 | 9   | 12 | 8  |
| KD000005    | 25         | 56 | 43 | 20 | M10x1,25 | 17 | 26 | 13 | 11  | 14 | 10 |

■ Para otros diámetros y otros modelos consultar dept. comercial

■ For other diameters and figures, please ask our sales dept.

Lista de componentes  
Parts list

| Nº | Descripción / Description                  | Material / Material                                   |
|----|--------------------------------------------|-------------------------------------------------------|
| 1  | Tuerca vástago / Rod end nut               | Acero cincado / Steel (zinc chromate plated)          |
| 2  | Vástago / Piston rod                       | Acero Inoxidable AISI 304<br>Stainless steel AISI 304 |
| 3  | Tuerca culata delantera<br>Front cover nut | Acero cincado / Steel (zinc chromate plated)          |
| 4  | Cualata delantera / Head cover             | Aleación aluminio / Aluminum alloy                    |
| 5  | Émbolo / Piston                            | Aleación aluminio / Aluminum alloy                    |
| 6  | Junta émbolo / Piston seal                 | NBR o VITON<br>NBR or VITON                           |
| 7  | Aro magnetico / Magnetic ring              |                                                       |
| 9  | Tubo cilindro / Cylinder tube              | Acero Inoxidable AISI 304<br>Stainless steel AISI 304 |
| 10 | Culata trasera / End cover                 | Aleación aluminio / Aluminum alloy                    |



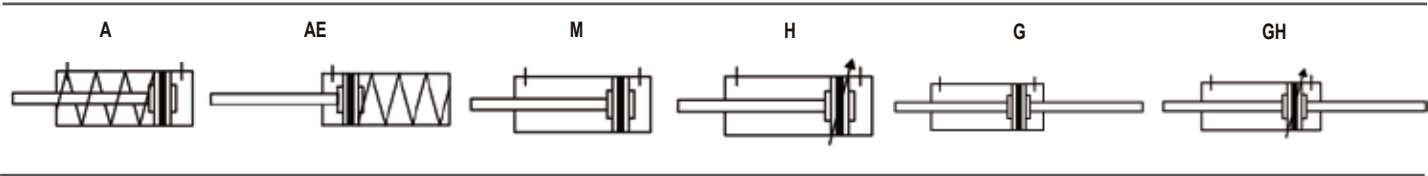
Códigos  
Order code

| MGM                                                                    | 40                   | G                                                                                           | 50                |                              |
|------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------------------|-------------------|------------------------------|
| Modelo<br>Model                                                        | Diámetro<br>Diameter | Versión<br>Version                                                                          | Carrera<br>Stroke | Tipo de junta<br>Seal type   |
| MGM Cilindro redondo a normativa ISO 6432.<br>ISO 6432 Round cylinder. | 32                   | A Simple Efecto Magnético vástago retraído<br>Single Acting type with Magnetic. Push type   | 0 - 2850          | Standar (NBR)<br><br>V VITON |
|                                                                        | 40                   | AE Simple Efecto Magnético vástago extendido<br>Single Acting type with Magnetic. Pull type |                   |                              |
|                                                                        | 50                   | M Doble Efecto Magnético<br>Double Acting Magnetic                                          |                   |                              |
|                                                                        | 63                   | H Doble Efecto Magnético Amortiguado<br>Double Acting Magnetic with Cushions                |                   |                              |
|                                                                        |                      | G Doble Vástago Pasante Magnético<br>Double Rod Magnetic                                    |                   |                              |
|                                                                        |                      | GH Doble Vástago Pasante Magnético Amortiguado<br>Double Rod Magnetic with Cushions         |                   |                              |

Ejemplo Código Cilindro redondo a normativa ISO 6432. Doble vástago pasante magnetico. Ø40 carrera 50  
Order Code ISO 6432 round cylinder. Double Acting Magnetic Ø40 Stroke 50

COD: MGM 040 G 0050

Versión  
Version



CILINDROS DIAMETRO 32mm A 63mm

Cylinder from diameter 32mm to 63mm



Características técnicas

Specifications

| Características técnicas<br>Specifications                                 |                                                                                          | Ø32                                                                                 | Ø40        | Ø50      | Ø63      |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------|----------|----------|
| Fluido<br>Fluid                                                            |                                                                                          | Aire filtrado, lubricado o sin lubricar<br>Filtred lubricated or not lubricated air |            |          |          |
| Fijaciones<br>Mountings                                                    |                                                                                          | -                                                                                   |            |          |          |
| Conexión<br>Connections                                                    |                                                                                          | G 1/8"                                                                              | G 1/4"     |          | G 3/8"   |
| Presión de trabajo<br>Working pressure                                     |                                                                                          | = 1 ÷ 10 bar                      2 ÷ 10 bar                                        |            |          |          |
| Temperatura ambiente<br>Working temperature range                          |                                                                                          | NBR: -20 ÷ 80°C / VITON: -20 ÷ +150°C                                               |            |          |          |
| Fuerza de trabajo de extensión (6bar)<br>Thrust force (6bar)               | Doble Efecto Magnético<br>Double Acting Magnetic                                         | 48,25 kg                                                                            | 75 kg      | 75 kg    | 75 kg    |
|                                                                            | Simple Efecto Magnético vástago retraído<br>Single Acting type whith Magnetic. Push type | 47,50 kg                                                                            | 74,25 kg   | 74,25 kg | 74,25 kg |
| Fuerza de trabajo de retracción (6bar)<br>Traction force (6bar)            | Doble Efecto Magnético<br>Double Acting Magnetic                                         | 41,46 kg                                                                            | 63,3 kg    | 63,3 kg  | 63,3 kg  |
|                                                                            | Simple Efecto Magnético vástago retraído<br>Single Acting type whith Magnetic. Push type | 2,9 kg                                                                              | 3,4 kg     | 3,4 kg   | 3,4 kg   |
| Vida útil (en condiciones de trabajo adecuadas)<br>Life (if properly used) |                                                                                          | 5000 km                                                                             |            |          |          |
| Peso [gr] (C=0 peso 1mm CxC)<br>Weight [gr] (C=0 weight 1mm CxC)           |                                                                                          | 292+2,20xC                                                                          | 312+2,60xC |          |          |

Carrera estandar

Stand stroke

| Ø<br>(mm) | Carrera/ Stroke |    |    |    |    |     |     |     |     |     |     |
|-----------|-----------------|----|----|----|----|-----|-----|-----|-----|-----|-----|
| Ø32       | 10              | 25 | 40 | 50 | 80 | 100 | 125 | 160 | 200 | 250 | 300 |
| Ø40       | 10              | 25 | 40 | 50 | 80 | 100 | 125 | 160 | 200 | 250 | 300 |
| Ø50       | 10              | 25 | 40 | 50 | 80 | 100 | 125 | 160 | 200 | 250 | 300 |
| Ø63       | 10              | 25 | 40 | 50 | 80 | 100 | 125 | 160 | 200 | 250 | 300 |

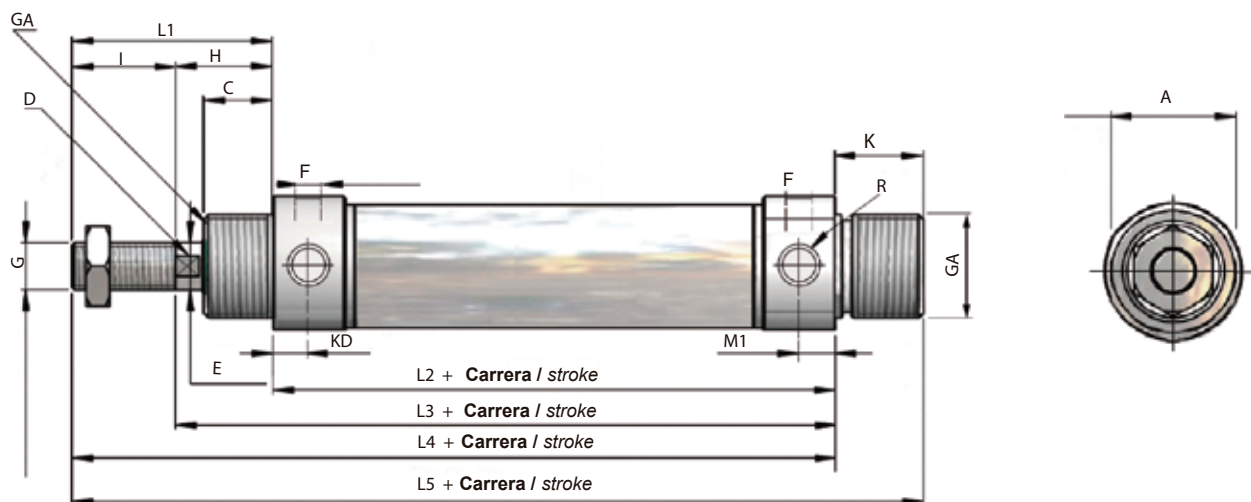
Consumo x 10mm carrera (6bar)

Consumption x 10mm stroke (6bar)

|     |                                                                                              |
|-----|----------------------------------------------------------------------------------------------|
| Ø32 | q <sub>s</sub> = 56,1x10 <sup>-3</sup> NI/min<br>q <sub>t</sub> = 48x10 <sup>-3</sup> NI/min |
| Ø40 | q <sub>s</sub> = 87x10 <sup>-3</sup> NI/min<br>q <sub>t</sub> = 74x10 <sup>-3</sup> NI/min   |
| Ø50 | q <sub>s</sub> = 87x10 <sup>-3</sup> NI/min<br>q <sub>t</sub> = 74x10 <sup>-3</sup> NI/min   |
| Ø63 | q <sub>s</sub> = 87x10 <sup>-3</sup> NI/min<br>q <sub>t</sub> = 74x10 <sup>-3</sup> NI/min   |

### Doble Efecto Magnético

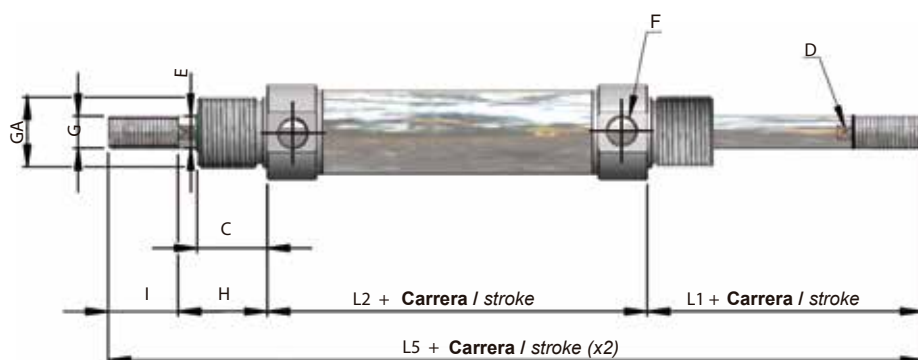
#### Double Acting Magnetic



| Ø  | A  | C  | D  | ØE | F    | G        | GA      | H    | I    | K  | L1 | L2  | L3    | L4  | L5  | KD | M1 | R       |
|----|----|----|----|----|------|----------|---------|------|------|----|----|-----|-------|-----|-----|----|----|---------|
| 32 | 36 | 30 | 10 | 12 | 1/8" | M10x1,25 | M30x1,5 | 39,5 | 18,5 | 14 | 58 | 68  | 107,5 | 126 | 140 | 9  | 9  | M8x1,0  |
| 40 | 46 | 35 | 14 | 16 | 1/4" | M12x1,25 | M38x1,5 | 46,5 | 22,5 | 16 | 69 | 89  | 137   | 158 | 174 | 12 | 12 | M10x1,0 |
| 50 | 53 | 38 | 17 | 20 | 1/4" | M16x1,50 | M45x1,5 | 50   | 32   | 18 | 82 | 120 | 170   | 202 | 220 | 12 | 12 | M12x1,5 |
| 63 | 66 | 38 | 17 | 20 | 3/8" | M16x1,50 | M45x1,5 | 50   | 32   | 18 | 82 | 124 | 174   | 206 | 224 | 13 | 13 | M14x1,5 |

### Doble Vástago Pasante Magnético

#### Double Rod Magnetic

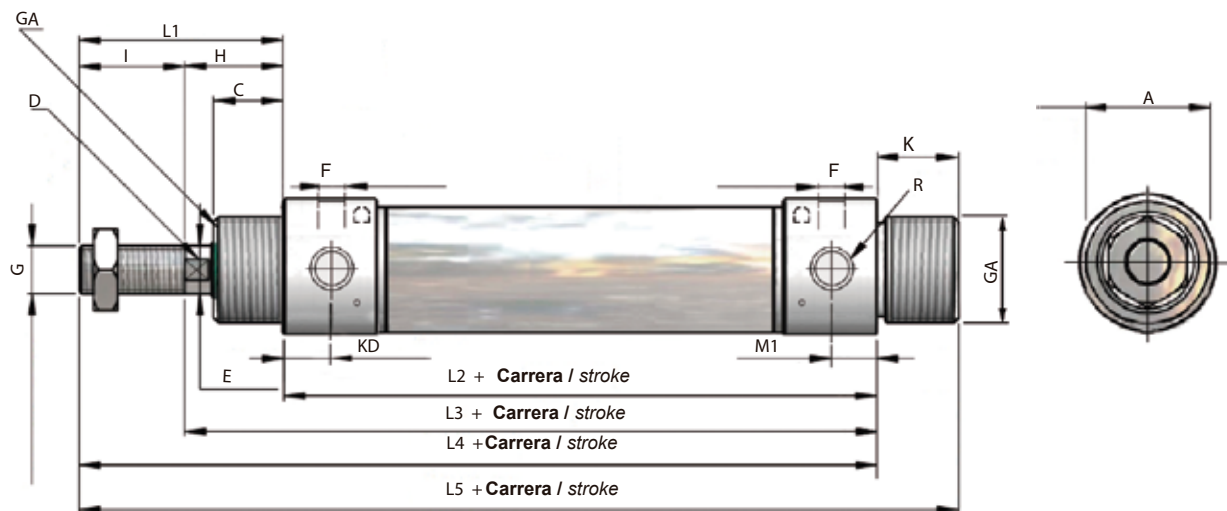


| Ø  | C  | D  | ØE | F    | G        | GA      | H    | I    | L1 | L2  | L5  |
|----|----|----|----|------|----------|---------|------|------|----|-----|-----|
| 32 | 30 | 10 | 12 | 1/8" | M10x1,25 | M30x1,5 | 39,5 | 18,5 | 58 | 68  | 184 |
| 40 | 35 | 14 | 16 | 1/4" | M12x1,25 | M38x1,5 | 46,5 | 22,5 | 69 | 89  | 227 |
| 50 | 38 | 17 | 20 | 1/4" | M16x1,50 | M45x1,5 | 50   | 32   | 82 | 120 | 284 |
| 63 | 38 | 17 | 20 | 3/8" | M16x1,50 | M45x1,5 | 50   | 32   | 82 | 124 | 288 |

Para otras versiones consultar dept. comercial

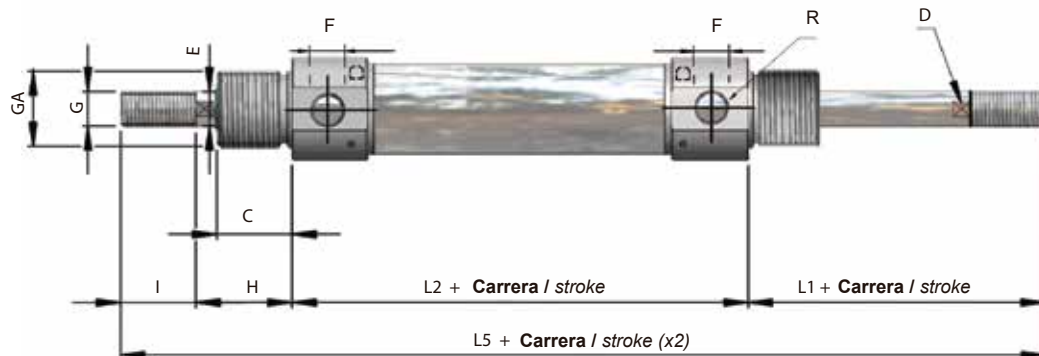
For other versions, please ask our sales dept.

**Doble Efecto Magnético Amortiguado**  
*Double Acting Magnetic with Cushion*



| Ø  | A    | C  | D  | ØE | F    | G        | GA      | H    | I    | K  | L1 | L2  | L3    | L4  | L5  | KD | M1 | R       |
|----|------|----|----|----|------|----------|---------|------|------|----|----|-----|-------|-----|-----|----|----|---------|
| 32 | 36   | 30 | 10 | 12 | 1/8" | M10x1,25 | M30x1,5 | 39,5 | 18,5 | 14 | 58 | 68  | 107,5 | 126 | 140 | 9  | 9  | M8x1,0  |
| 40 | 46   | 35 | 14 | 16 | 1/4" | M12x1,25 | M38x1,5 | 46,5 | 22,5 | 16 | 69 | 89  | 135,5 | 158 | 174 | 12 | 12 | M10x1,0 |
| 50 | 55   | 38 | 17 | 20 | 1/4" | M16x1,50 | M45x1,5 | 50   | 32   | 18 | 82 | 120 | 170   | 202 | 220 | 12 | 12 | M12x1,5 |
| 63 | 67,5 | 38 | 17 | 20 | 3/8" | M16x1,50 | M45x1,5 | 50   | 32   | 18 | 82 | 124 | 174   | 206 | 224 | 13 | 13 | M14x1,5 |

**Doble Vástago Pasante Magnético Amortiguado**  
*Double Rod Magnetic with Cushion*



| Ø  | C  | D  | ØE | F    | G        | GA      | H    | I    | L1 | L2  | L5  | R       |
|----|----|----|----|------|----------|---------|------|------|----|-----|-----|---------|
| 32 | 30 | 10 | 12 | 1/8" | M10x1,25 | M30x1,5 | 39,5 | 18,5 | 58 | 68  | 184 | M8X1,0  |
| 40 | 35 | 14 | 16 | 1/4" | M12x1,25 | M38x1,5 | 46,5 | 22,5 | 69 | 89  | 227 | M10X1,0 |
| 50 | 38 | 17 | 20 | 1/4" | M16x1,50 | M45x1,5 | 50   | 32   | 82 | 120 | 284 | M12X1,5 |
| 63 | 38 | 17 | 20 | 3/8" | M16x1,50 | M45x1,5 | 50   | 32   | 82 | 124 | 288 | M14X1,5 |

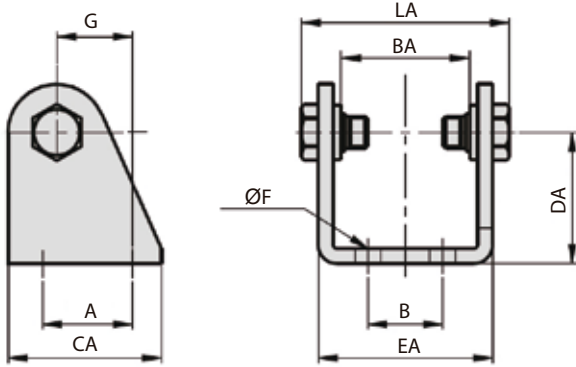
Para otras versiones consultar dept. comercial

For other versions, please ask our sales dept.

**ACCESORIOS Y FIJACIONES ISO 6432 DIAMETRO 32Mmm A 63mm**

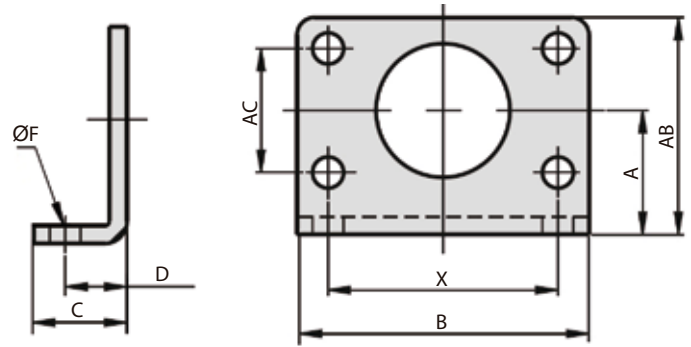
Fixing and Accessories ISO 6432 from diameter 32mm to 63mm

**Charnela hembra**  
Swivel flange



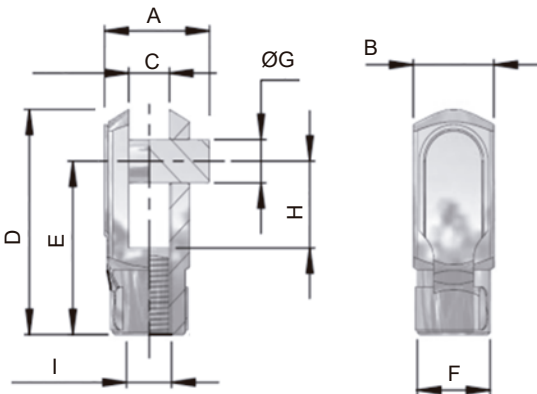
| Código/Code     | Ø cilindro | A  | B  | BA   | CA | DA | EA   | G  | LA   | F(x4) |
|-----------------|------------|----|----|------|----|----|------|----|------|-------|
| <b>KD001023</b> | <b>32</b>  | 24 | 20 | 34,6 | 41 | 35 | 46,6 | 20 | 55,5 | 7     |
| <b>KD001024</b> | <b>40</b>  | 30 | 28 | 42,6 | 52 | 40 | 58,6 | 27 | 69,5 | 9     |
| <b>KD001025</b> | <b>50</b>  | 34 | 36 | 57,1 | 54 | 45 | 69,1 | 30 | 74,1 | 9     |
| <b>KD001026</b> | <b>63</b>  | 35 | 42 | 70,1 | 65 | 50 | 82,1 | 34 | 87,1 | 9     |

**Placa fijación**  
Axial foot



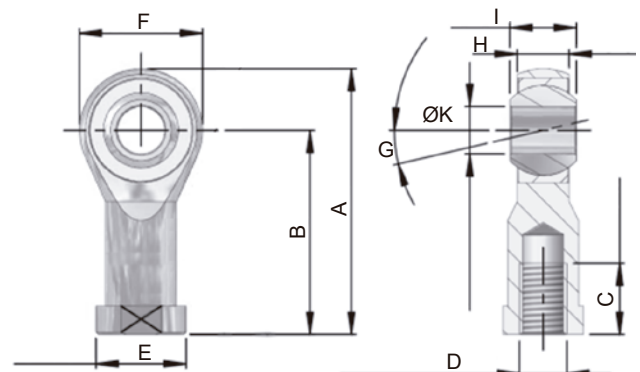
| Código/Code     | Ø cilindro | A  | AB | AC | B  | C  | D  | ØF(x12) | X  |
|-----------------|------------|----|----|----|----|----|----|---------|----|
| <b>KD001594</b> | <b>32</b>  | 28 | 49 | 28 | 66 | 21 | 14 | 7       | 52 |
| <b>KD001595</b> | <b>40</b>  | 33 | 58 | 30 | 80 | 30 | 20 | 9       | 60 |
| <b>KD001596</b> | <b>50</b>  | 40 | 70 | 40 | 90 | 30 | 20 | 9       | 70 |
| <b>KD001597</b> | <b>63</b>  | 45 | 80 | 50 | 96 | 30 | 20 | 9       | 76 |

**1 Horquilla 2 Clip**  
1 Rod clevis 2 Clip



| Código/Code  | Ø cilindro | A  | B  | C  | D  | E  | F  | ØG | H  | I        |
|--------------|------------|----|----|----|----|----|----|----|----|----------|
| <b>FOR10</b> | <b>32</b>  | 26 | 20 | 10 | 52 | 40 | 18 | 10 | 20 | M10X1,25 |
| <b>FOR12</b> | <b>40</b>  | 27 | 24 | 12 | 62 | 48 | 20 | 12 | 24 | M12X1,25 |
| <b>FOR18</b> | <b>50</b>  | 38 | 32 | 16 | 83 | 64 | 26 | 16 | 32 | M16X1,50 |
| <b>FOR18</b> | <b>63</b>  | 38 | 32 | 16 | 83 | 64 | 26 | 16 | 32 | M16X1,50 |

**Rótula**  
Universal joint



| Código/Code     | Ø cilindro | A  | B  | C  | D        | E  | ØF | G  | H  | I  |
|-----------------|------------|----|----|----|----------|----|----|----|----|----|
| <b>KD000005</b> | <b>32</b>  | 56 | 43 | 20 | M10X1,25 | 17 | 26 | 13 | 11 | 14 |
| <b>KD000006</b> | <b>40</b>  | 66 | 50 | 22 | M12X1,25 | 19 | 32 | 13 | 12 | 16 |
| <b>KD000007</b> | <b>50</b>  | 84 | 64 | 28 | M16X1,5  | 22 | 40 | 15 | 15 | 21 |
| <b>KD000007</b> | <b>63</b>  | 84 | 64 | 28 | M16X1,5  | 22 | 40 | 15 | 15 | 21 |

■ Para otros diámetros y otros modelos consultar dept. comercial

■ For other diameters and figures, please ask our sales dept.



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