

## Cilindro magnético compacto con accesorios Serie NSK



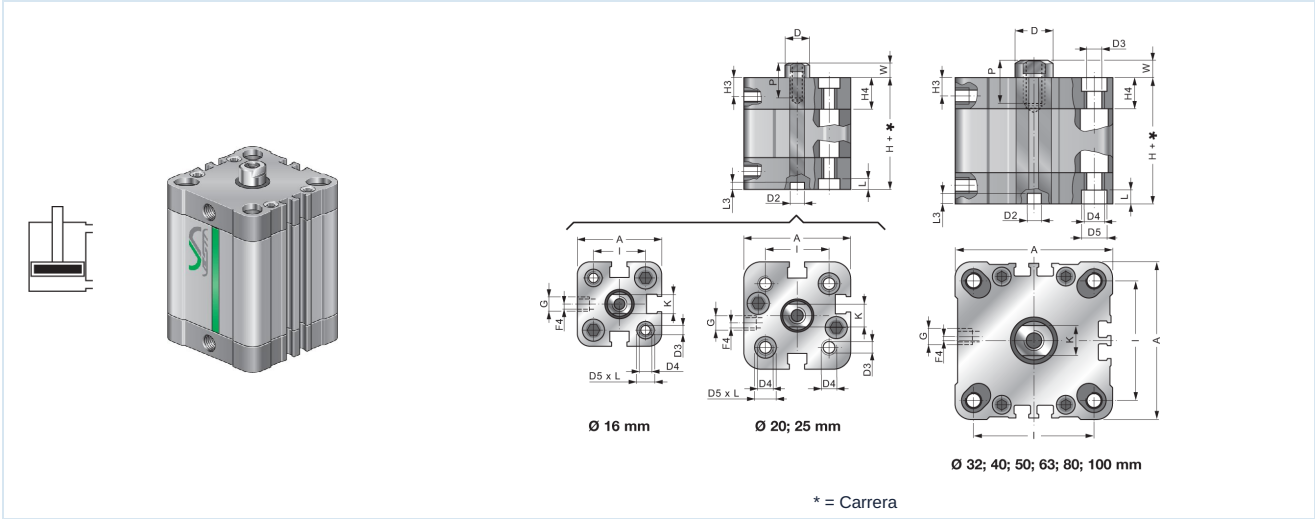
|                                  |                                                                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tipo de construcción             | Cilindro compacto con imán opcional según estándar UNITOP o ISO 21287                                                                                                       |
| Cabezales                        | Fundición a presión de alta presión Aleación de aluminio                                                                                                                    |
| Vástago de pistón                | Ø16 ÷ 25 Acero inoxidable 1.4401, Ø32 ÷ 100 Acero inoxidable 1.4021                                                                                                         |
| Tubo del cilindro                | Perfil de aluminio anodizado duro                                                                                                                                           |
| Juntas de estanqueidad           | Poliuretano                                                                                                                                                                 |
| Tope                             | mecánico                                                                                                                                                                    |
| Temperatura ambiente             | -20°C...+80°C (-25°C...+120°C para versión Poliuretano de alta temperatura completo)                                                                                        |
| Temperatura del medio            | 0°C...+30°C                                                                                                                                                                 |
| Lubricación                      | no necesario                                                                                                                                                                |
| Medio                            | aire comprimido filtrado                                                                                                                                                    |
| presión máxima de funcionamiento | 10bar                                                                                                                                                                       |
| Nota                             | Los archivos CAD están disponibles en la tienda STASTO en <a href="http://www.stasto.eu">www.stasto.eu</a><br>Interruptor magnético, véase la ficha técnica correspondiente |

### Código de tipo

| NSK | —           | —        | —            | —                      | —                                                             |
|-----|-------------|----------|--------------|------------------------|---------------------------------------------------------------|
|     | U UNITOP    | 16 ø16   | Carrera [mm] | F Rosca hembra interna | de doble efecto                                               |
|     | I ISO 21287 | 20 ø20   |              | M Rosca macho externa  | SEA simple efecto Muelle delantero                            |
|     |             | 25 ø25   |              |                        | SEP simple efecto Muelle trasero                              |
|     |             | 32 ø32   |              |                        | P vástago de pistón pasante                                   |
|     |             | 40 ø40   |              |                        | AR protegido contra torsión                                   |
|     |             | 50 ø50   |              |                        | VS Poliuretano de alta temperatura Sello de vástago de pistón |
|     |             | 63 ø63   |              |                        | VV Poliuretano de alta temperatura completo                   |
|     |             | 80 ø80   |              |                        |                                                               |
|     |             | 100 ø100 |              |                        |                                                               |

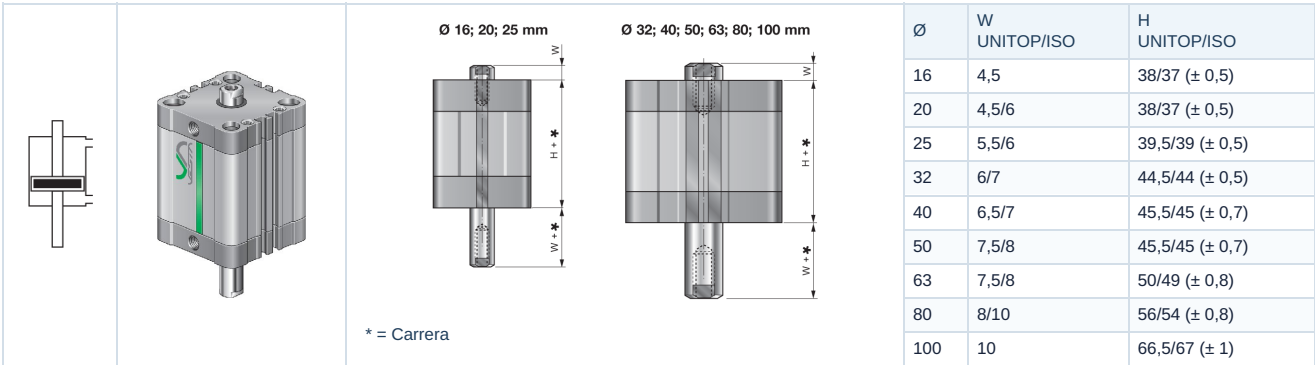


NSK . - .. de doble efecto

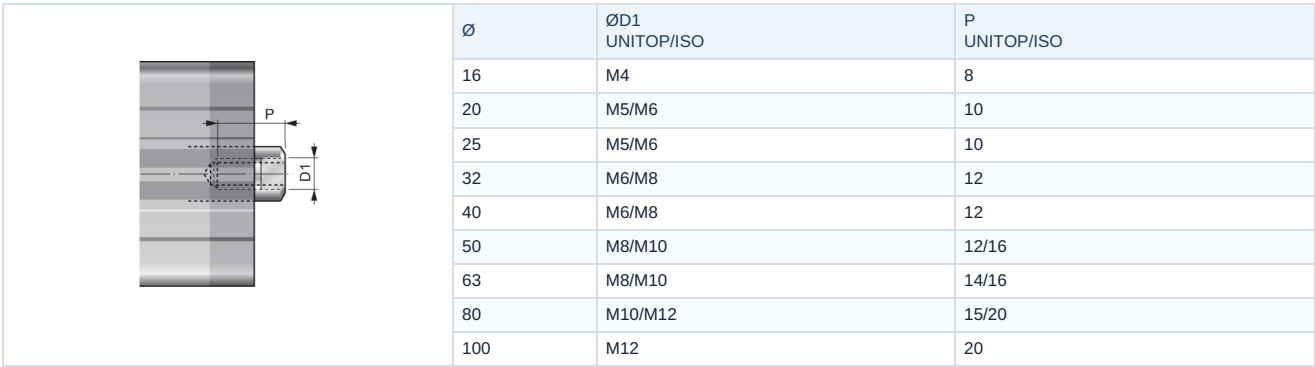


| Ø   | A     | ØD | ØD2 | ØD3 | ØD4<br>UNITOP/ISO | ØD5<br>UNITOP/ISO | G    | H3  | H4   | I<br>UNITOP/ISO | K  | L   | L3  | W<br>UNITOP/ISO | F4 | H<br>UNITOP/ISO |
|-----|-------|----|-----|-----|-------------------|-------------------|------|-----|------|-----------------|----|-----|-----|-----------------|----|-----------------|
| 16  | 29,2  | 8  | 6   | 3,3 | M4                | 6                 | M5   | 7   | 12,8 | 18              | 6  | 3,5 | 2,2 | 4,5             | 0  | 38/37 (± 0,5)   |
| 20  | 37    | 10 | 6   | 4,2 | M5                | 7,5               | M5   | 7   | 12,3 | 22              | 8  | 4,2 | 2,5 | 4,5/6           | 4  | 38/37 (± 0,5)   |
| 25  | 41    | 10 | 6   | 4,2 | M5                | 7,5               | M5   | 7,5 | 13,5 | 26              | 8  | 4,2 | 2,5 | 5,5/6           | 3  | 39,5/39 (± 0,5) |
| 32  | 49,2  | 12 | 6   | 5,2 | M6                | 9                 | G1/8 | 7,5 | 15   | 32/32,5         | 10 | 4,5 | 2   | 6/7             | 0  | 44,5/44 (± 0,5) |
| 40  | 57,2  | 12 | 6   | 5,2 | M6                | 9                 | G1/8 | 7,5 | 15   | 42/38           | 10 | 4,2 | 2   | 6,5/7           | 0  | 45,5/45 (± 0,7) |
| 50  | 67    | 16 | 8   | 6,7 | M8                | 10,5              | G1/8 | 7,5 | 14,6 | 50/46,5         | 13 | 4,7 | 2,5 | 7,58            | 0  | 45,5/45 (± 0,7) |
| 63  | 80    | 16 | 8   | 6,7 | M10/M8            | 13,5/10,5         | G1/8 | 8   | 15,5 | 62/56,5         | 13 | 5,2 | 2,5 | 7,58            | 0  | 50/49 (± 0,8)   |
| 80  | 102,6 | 20 | 8   | 8,5 | M10               | 13,5              | G1/8 | 9   | 17   | 82/72           | 17 | 5,2 | 2,5 | 8/10            | 0  | 56/54 (± 0,8)   |
| 100 | 124   | 25 | 8   | 8,5 | M10               | 13,5              | G1/4 | 10  | 20   | 103/89          | 22 | 5,2 | 3   | 10              | 0  | 66,5/67 (± 1)   |

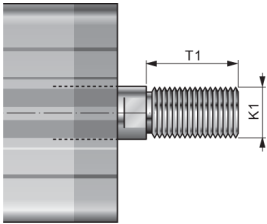
NSK . - .. P Vástago de pistón pasante



NSK . - .... F Vástago de pistón con rosca interior



### NSK . - .... M Vástago de pistón con rosca exterior

|  | Ø   | ØK1<br>UNITOP/ISO | T1<br>UNITOP/ISO |
|-----------------------------------------------------------------------------------|-----|-------------------|------------------|
|                                                                                   | 16  | M8x1,25/M6x1      | 20/12            |
|                                                                                   | 20  | M10x1,25/M8x1,25  | 22/16            |
|                                                                                   | 25  | M10x1,25/M8x1,25  | 22/16            |
|                                                                                   | 32  | M10x1,25          | 22/19            |
|                                                                                   | 40  | M10x1,25          | 22/19            |
|                                                                                   | 50  | M12x1,25          | 24/22            |
|                                                                                   | 63  | M12x1,25          | 24/22            |
|                                                                                   | 80  | M16x1,5           | 32/28            |
|                                                                                   | 100 | M20x1,5/M16x1,5   | 40/28            |

### NSK . - .. SEA simple efecto Muelle delantero

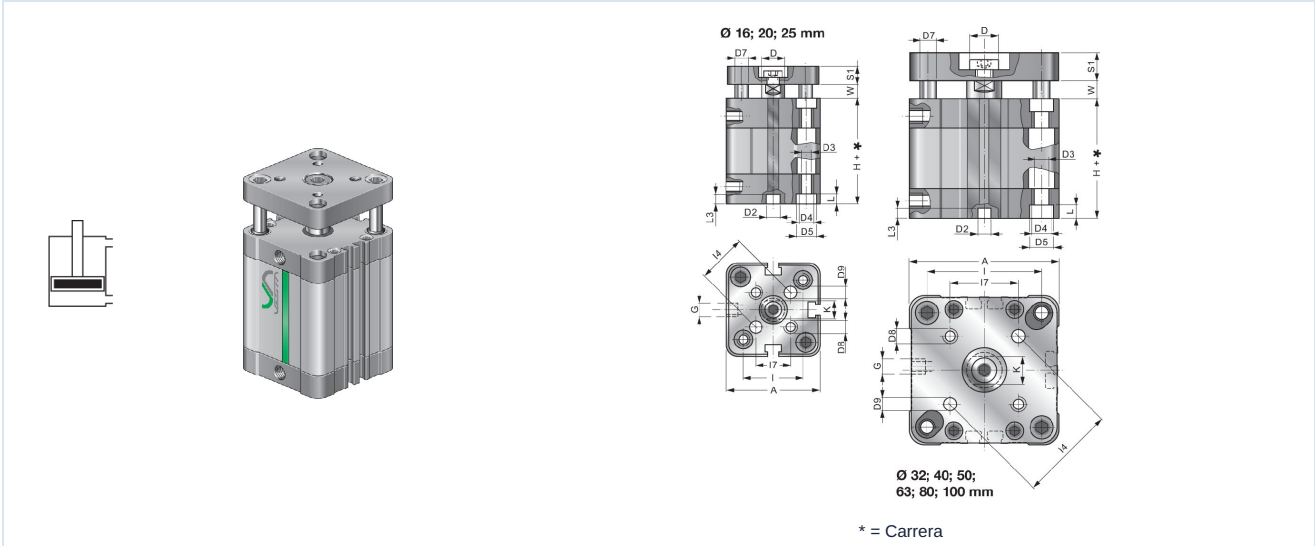
| Ø   | Fuerza del muelle [N] |      | H (Carrera 0-25mm)<br>UNITOP/ISO | H (Carrera 26-50mm)<br>UNITOP/ISO | W<br>UNITOP/ISO |
|-----|-----------------------|------|----------------------------------|-----------------------------------|-----------------|
|     | máx.                  | mín. |                                  |                                   |                 |
| 16  | 21                    | 12   | 38/37 (± 0,5)                    | 48/47 (± 0,5)                     | 4,5             |
| 20  | 39                    | 22   | 38/37 (± 0,5)                    | 48/47 (± 0,5)                     | 4,5/6           |
| 25  | 45                    | 28   | 39,5/39 (± 0,5)                  | 59,5/59 (± 0,5)                   | 5,5/6           |
| 32  | 45                    | 28   | 44,5/44 (± 0,5)                  | 64,5/64 (± 0,5)                   | 6/7             |
| 40  | 61                    | 39   | 45,5/45 (± 0,7)                  | 65,5/65 (± 0,7)                   | 6,5/7           |
| 50  | 90                    | 58   | 45,5/45 (± 0,7)                  | 65,5/65 (± 0,7)                   | 7,5/8           |
| 63  | 95                    | 62   | 50/49 (± 0,8)                    | 70/69 (± 0,8)                     | 7,5/8           |
| 80  | 150                   | 115  | 56/54 (± 0,8)                    | 86/84 (± 0,8)                     | 8/10            |
| 100 | 160                   | 125  | 66,5/67 (± 1)                    | 96,5/97 (± 1)                     | 10              |

### NSK . - .. SEP simple efecto Muelle trasero

| Ø   | Fuerza del muelle [N] |      | H (Carrera 0-25mm)<br>UNITOP/ISO | H (Carrera 26-50mm)<br>UNITOP/ISO | W<br>UNITOP/ISO |
|-----|-----------------------|------|----------------------------------|-----------------------------------|-----------------|
|     | máx.                  | mín. |                                  |                                   |                 |
| 16  | 21                    | 12   | 38/37 (± 0,5)                    | 48/47 (± 0,5)                     | 4,5             |
| 20  | 39                    | 22   | 38/37 (± 0,5)                    | 48/47 (± 0,5)                     | 4,5/6           |
| 25  | 45                    | 28   | 39,5/39 (± 0,5)                  | 59,5/59 (± 0,5)                   | 5,5/6           |
| 32  | 45                    | 28   | 44,5/44 (± 0,5)                  | 64,5/64 (± 0,5)                   | 6/7             |
| 40  | 61                    | 39   | 45,5/45 (± 0,7)                  | 65,5/65 (± 0,7)                   | 6,5/7           |
| 50  | 90                    | 58   | 45,5/45 (± 0,7)                  | 65,5/65 (± 0,7)                   | 7,5/8           |
| 63  | 95                    | 62   | 50/49 (± 0,8)                    | 70/69 (± 0,8)                     | 7,5/8           |
| 80  | 150                   | 115  | 56/54 (± 0,8)                    | 86/84 (± 0,8)                     | 8/10            |
| 100 | 160                   | 125  | 66,5/67 (± 1)                    | 96,5/97 (± 1)                     | 10              |

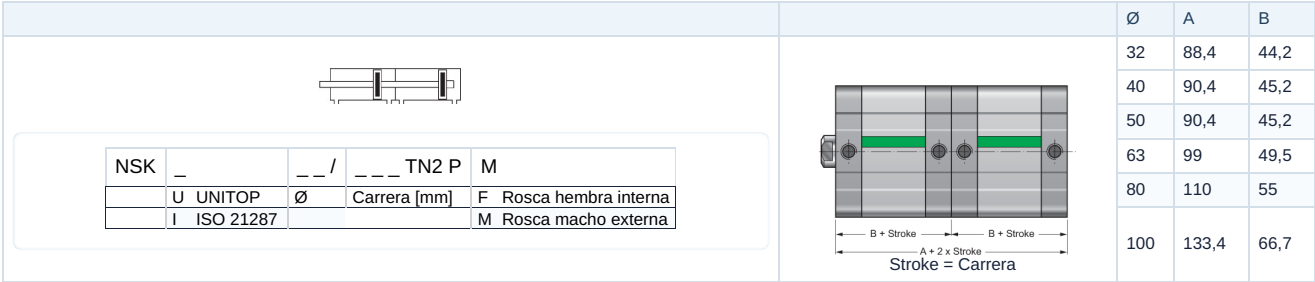


NSK . - .. AR de doble efecto protegido contra torsión

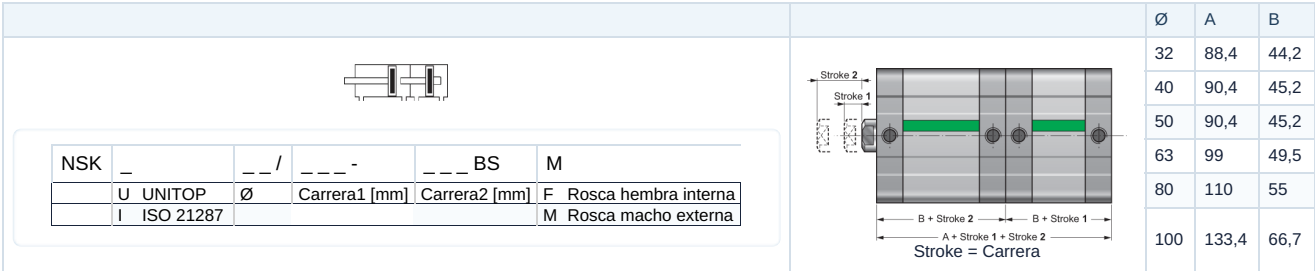


| Ø   | A     | ØD | ØD2 | ØD3<br>UNITOP/ISO | ØD4<br>UNITOP/ISO | ØD5<br>UNITOP/ISO | ØD7 | ØD8 | ØD9 | G    | I<br>UNITOP/ISO | I4 | I7   | K  | L   | L3  | S1 | W<br>UNITOP/ISO | H<br>UNITOP/ISO |
|-----|-------|----|-----|-------------------|-------------------|-------------------|-----|-----|-----|------|-----------------|----|------|----|-----|-----|----|-----------------|-----------------|
| 16  | 29,2  | 8  | 6   | 3,3               | M4                | 6                 | 5   | M3  | 3   | M5   | 18              | 14 | 9,9  | 6  | 3,5 | 2,2 | 6  | 4,5             | 38/37 (± 0,5)   |
| 20  | 37    | 10 | 6   | 4,2               | M5                | 7,5               | 5   | M4  | 4   | M5   | 22              | 17 | 12   | 8  | 4,2 | 2,5 | 8  | 4,5/6           | 38/37 (± 0,5)   |
| 25  | 41    | 10 | 6   | 4,2               | M5                | 7,5               | 6   | M5  | 5   | M5   | 26              | 22 | 15,6 | 8  | 4,2 | 2,5 | 8  | 5,5/6           | 39,5/39 (± 0,5) |
| 32  | 49,2  | 12 | 6   | 5,2               | M6                | 9                 | 8   | M5  | 5   | G1/8 | 32/32,5         | 28 | 19,8 | 10 | 4,5 | 2   | 10 | 6/7             | 44,5/44 (± 0,5) |
| 40  | 57,2  | 12 | 6   | 5,2               | M6                | 9                 | 10  | M5  | 5   | G1/8 | 42/38           | 33 | 23,3 | 10 | 4,2 | 2   | 10 | 6,5/7           | 45,5/45 (± 0,7) |
| 50  | 67    | 16 | 8   | 6,7               | M8                | 10,5              | 10  | M6  | 6   | G1/8 | 50/46,5         | 42 | 29,7 | 13 | 4,7 | 2,5 | 12 | 7,58            | 45,5/45 (± 0,7) |
| 63  | 80    | 16 | 8   | 8,5/6,7           | M10/M8            | 13,5/10,5         | 10  | M6  | 6   | G1/8 | 62/56,5         | 50 | 35,4 | 13 | 5,2 | 2,5 | 12 | 7,58            | 50/49 (± 0,8)   |
| 80  | 102,6 | 20 | 8   | 8,5               | M10               | 13,5              | 14  | M8  | 8   | G1/8 | 82/72           | 65 | 46   | 17 | 5,2 | 2,5 | 14 | 8/10            | 56/54 (± 0,8)   |
| 100 | 124   | 25 | 8   | 8,5               | M10               | 13,5              | 14  | M10 | 10  | G1/4 | 103/89          | 80 | 56,6 | 22 | 5,2 | 3   | 14 | 10              | 66,5/67 (± 1)   |

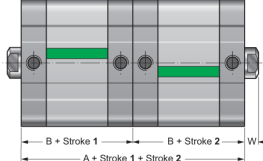
NSK ... TN2 ... Tándem



NSK ... BS ... Multiposición



## NSK ... CNP ... Multiposición lado inferior

|                                                                                                                                                                                                                                                                                                                               |       |      |  |  |  |                                                                                    |             |      |               |               |                        |  |          |   |               |               |                        |  |             |  |  |  |                       |                  |  |  |    |    |    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|--|--|--|------------------------------------------------------------------------------------|-------------|------|---------------|---------------|------------------------|--|----------|---|---------------|---------------|------------------------|--|-------------|--|--|--|-----------------------|------------------|--|--|----|----|----|
|                                                                                                                                                                                                                                              |       |      |  |  |  |  |             |      | Ø             | A             | B                      |  |          |   |               |               |                        |  |             |  |  |  |                       |                  |  |  |    |    |    |
| <table><tr><td>NSK</td><td>_</td><td>_ /</td><td>_ _ _ -</td><td>_ _ _ CNP</td><td>M</td></tr><tr><td></td><td>U UNITOP</td><td>Ø</td><td>Carrera1 [mm]</td><td>Carrera2 [mm]</td><td>F Rosca hembra interna</td></tr><tr><td></td><td>I ISO 21287</td><td></td><td></td><td></td><td>M Rosca macho externa</td></tr></table> |       |      |  |  |  | NSK                                                                                | _           | _ /  | _ _ _ -       | _ _ _ CNP     | M                      |  | U UNITOP | Ø | Carrera1 [mm] | Carrera2 [mm] | F Rosca hembra interna |  | I ISO 21287 |  |  |  | M Rosca macho externa | Stroke = Carrera |  |  | 16 | 76 | 38 |
|                                                                                                                                                                                                                                                                                                                               |       |      |  |  |  | NSK                                                                                | _           | _ /  | _ _ _ -       | _ _ _ CNP     | M                      |  |          |   |               |               |                        |  |             |  |  |  |                       |                  |  |  |    |    |    |
|                                                                                                                                                                                                                                                                                                                               |       |      |  |  |  |                                                                                    | U UNITOP    | Ø    | Carrera1 [mm] | Carrera2 [mm] | F Rosca hembra interna |  |          |   |               |               |                        |  |             |  |  |  |                       |                  |  |  |    |    |    |
|                                                                                                                                                                                                                                                                                                                               |       |      |  |  |  |                                                                                    | I ISO 21287 |      |               |               | M Rosca macho externa  |  |          |   |               |               |                        |  |             |  |  |  |                       |                  |  |  |    |    |    |
|                                                                                                                                                                                                                                                                                                                               |       |      |  |  |  | 20                                                                                 | 76          | 38   |               |               |                        |  |          |   |               |               |                        |  |             |  |  |  |                       |                  |  |  |    |    |    |
|                                                                                                                                                                                                                                                                                                                               |       |      |  |  |  | 25                                                                                 | 79          | 39,5 |               |               |                        |  |          |   |               |               |                        |  |             |  |  |  |                       |                  |  |  |    |    |    |
|                                                                                                                                                                                                                                                                                                                               |       |      |  |  |  | 32                                                                                 | 88,4        | 44,2 |               |               |                        |  |          |   |               |               |                        |  |             |  |  |  |                       |                  |  |  |    |    |    |
|                                                                                                                                                                                                                                                                                                                               |       |      |  |  |  | 40                                                                                 | 90,4        | 45,2 |               |               |                        |  |          |   |               |               |                        |  |             |  |  |  |                       |                  |  |  |    |    |    |
|                                                                                                                                                                                                                                                                                                                               |       |      |  |  |  | 50                                                                                 | 90,4        | 45,2 |               |               |                        |  |          |   |               |               |                        |  |             |  |  |  |                       |                  |  |  |    |    |    |
|                                                                                                                                                                                                                                                                                                                               |       |      |  |  |  | 63                                                                                 | 99          | 49,5 |               |               |                        |  |          |   |               |               |                        |  |             |  |  |  |                       |                  |  |  |    |    |    |
| 80                                                                                                                                                                                                                                                                                                                            | 110   | 55   |  |  |  |                                                                                    |             |      |               |               |                        |  |          |   |               |               |                        |  |             |  |  |  |                       |                  |  |  |    |    |    |
| 100                                                                                                                                                                                                                                                                                                                           | 133,4 | 66,7 |  |  |  |                                                                                    |             |      |               |               |                        |  |          |   |               |               |                        |  |             |  |  |  |                       |                  |  |  |    |    |    |

## NSK ... CNF ... Multiposición lado vástago del pistón

| NSK | _           | _ / | ___ -         | ___ CNF       |
|-----|-------------|-----|---------------|---------------|
|     | U UNITOP    | Ø   | Carrera1 [mm] | Carrera2 [mm] |
|     | I ISO 21287 |     |               |               |

Stroke = Carrera

| Ø   | E     | A    | V  |
|-----|-------|------|----|
| 16  | 85    | 38   | 9  |
| 20  | 85    | 38   | 9  |
| 25  | 90    | 39,5 | 11 |
| 32  | 100,4 | 44,2 | 12 |
| 40  | 103,4 | 45,2 | 13 |
| 50  | 104,4 | 45,2 | 15 |
| 63  | 114   | 49,5 | 15 |
| 80  | 126   | 55   | 16 |
| 100 | 153,4 | 66,7 | 20 |

## Accesorios

### SKCM / .. Fijación con orejetas UNITOP

| Ø  | A3 | B3 | B4 | E2 | H    | I  | R1 | T   | T4 | Tipo    |
|----|----|----|----|----|------|----|----|-----|----|---------|
| 16 | 6  | 10 | 16 | 6  | 38   | 18 | 6  | 27  | 12 | SKCM/16 |
| 20 | 6  | 14 | 20 | 8  | 38   | 22 | 8  | 34  | 16 | SKCM/20 |
| 25 | 6  | 14 | 20 | 8  | 39,5 | 26 | 8  | 638 | 16 | SKCM/25 |

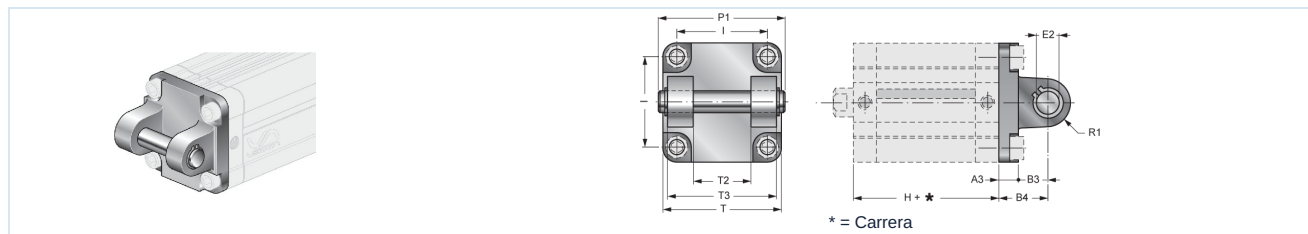
### XCM / .. Fijación con orejetas ISO 15552

\* = Carrera

| Ø   | A2  | ØJ | M   | V1 | W  | Tipo    |
|-----|-----|----|-----|----|----|---------|
| 32  | 73  | 10 | 47  | 26 | 22 | XCM/32  |
| 40  | 77  | 12 | 54  | 28 | 25 | XCM/40  |
| 50  | 80  | 12 | 66  | 32 | 27 | XCM/50  |
| 63  | 89  | 16 | 78  | 40 | 32 | XCM/63  |
| 80  | 100 | 16 | 98  | 50 | 36 | XCM/80  |
| 100 | 118 | 20 | 115 | 60 | 41 | XCM/100 |

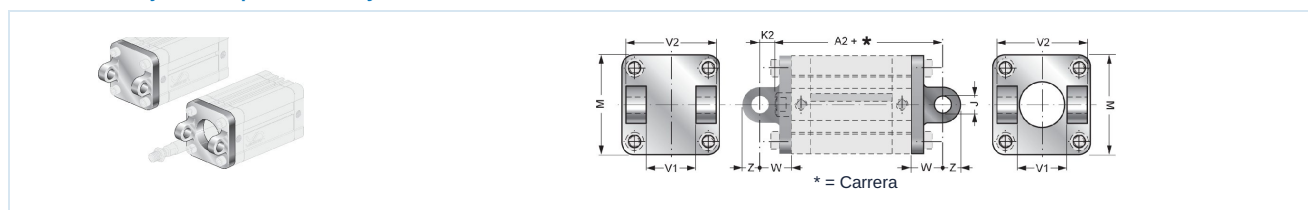


## SKCF / .. Montaje de horquilla UNITOP



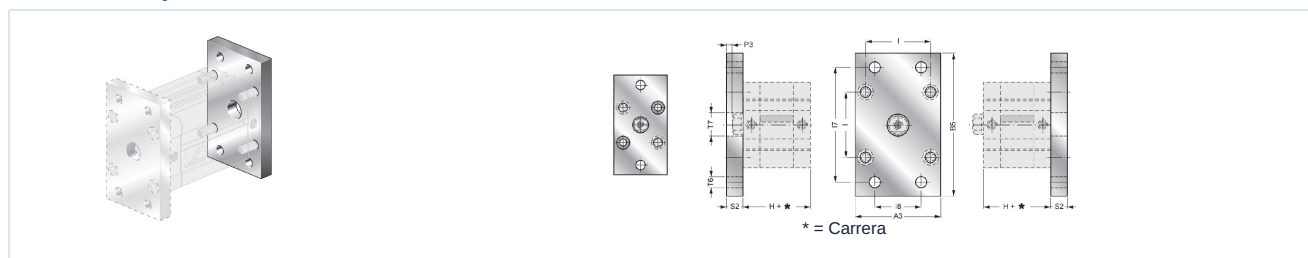
| Ø   | A3 | B3 | B4 | E2 | H    | I   | P1  | R1   | T   | T2 | T3  | Tipo     |
|-----|----|----|----|----|------|-----|-----|------|-----|----|-----|----------|
| 32  | 9  | 13 | 22 | 10 | 44,5 | 32  | 53  | 10   | 48  | 26 | 45  | SKCF/32  |
| 40  | 9  | 16 | 25 | 12 | 45,5 | 42  | 60  | 12,5 | 58  | 28 | 52  | SKCF/40  |
| 50  | 11 | 16 | 27 | 12 | 45,5 | 50  | 68  | 12,5 | 66  | 32 | 60  | SKCF/50  |
| 63  | 11 | 21 | 32 | 16 | 50   | 62  | 78  | 15   | 83  | 40 | 70  | SKCF/63  |
| 80  | 13 | 23 | 36 | 16 | 56   | 82  | 98  | 15   | 102 | 50 | 90  | SKCF/80  |
| 100 | 15 | 26 | 41 | 20 | 66,5 | 103 | 118 | 20   | 123 | 60 | 110 | SKCF/100 |

## XCF / .. Montaje de horquilla delante y detrás ISO 15552



| Ø   | A2  | ØJ | K2 | M   | V1 | V2  | W  | Z  | Tipo delante | Tipo posterior |
|-----|-----|----|----|-----|----|-----|----|----|--------------|----------------|
| 32  | 73  | 10 | 15 | 45  | 26 | 45  | 22 | 11 | XCFA/32      | XCF/32         |
| 40  | 77  | 12 | 18 | 52  | 28 | 52  | 25 | 13 | XCFA/40      | XCF/40         |
| 50  | 80  | 12 | 19 | 65  | 32 | 60  | 27 | 13 | XCFA/50      | XCF/50         |
| 63  | 89  | 16 | 24 | 75  | 40 | 70  | 32 | 17 | XCFA/63      | XCF/63         |
| 80  | 100 | 16 | 26 | 95  | 50 | 90  | 36 | 17 | XCFA/80      | XCF/80         |
| 100 | 118 | 20 | 31 | 115 | 60 | 110 | 41 | 21 | XCFA/100     | XCF/100        |

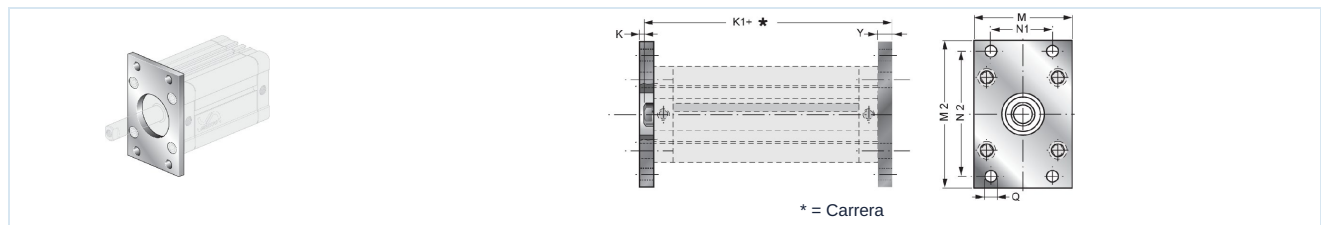
## SKFL / .. Montaje con brida UNITOP



| Ø   | A3  | B5  | H    | I   | I7  | I8 | P3  | S2 | T6  | T7 | Tipo     |
|-----|-----|-----|------|-----|-----|----|-----|----|-----|----|----------|
| 16  | 29  | 55  | 38   | 18  | 43  | -  | 5,5 | 10 | 5,5 | 10 | SKFL/16  |
| 20  | 36  | 70  | 38   | 22  | 55  | -  | 5,5 | 10 | 6,5 | 12 | SKFL/20  |
| 25  | 40  | 76  | 39,5 | 26  | 60  | -  | 4,5 | 10 | 6,5 | 12 | SKFL/25  |
| 32  | 50  | 80  | 44,5 | 32  | 65  | 32 | 4   | 10 | 7   | 14 | SKFL/32  |
| 40  | 60  | 102 | 45,5 | 42  | 82  | 36 | 3,5 | 10 | 9   | 14 | SKFL/40  |
| 50  | 68  | 110 | 45,5 | 50  | 90  | 45 | 4,5 | 12 | 9   | 18 | SKFL/50  |
| 63  | 87  | 130 | 50   | 62  | 110 | 50 | 7,5 | 15 | 9   | 18 | SKFL/63  |
| 80  | 107 | 160 | 56   | 82  | 135 | 63 | 7   | 15 | 12  | 23 | SKFL/80  |
| 100 | 128 | 190 | 66,5 | 103 | 163 | 75 | 5   | 15 | 14  | 28 | SKFL/100 |

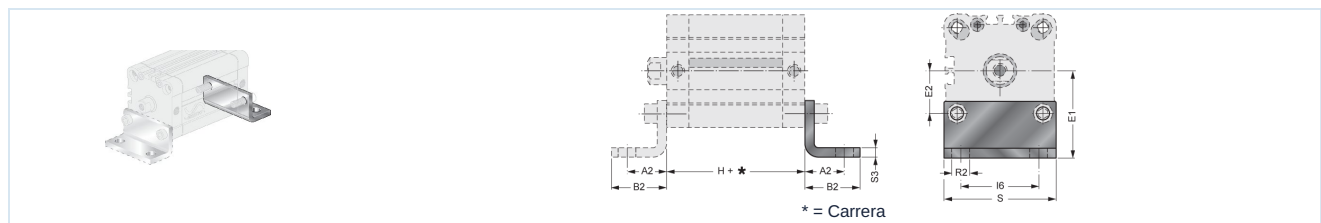


## XFL / .. Montaje con brida ISO 15552



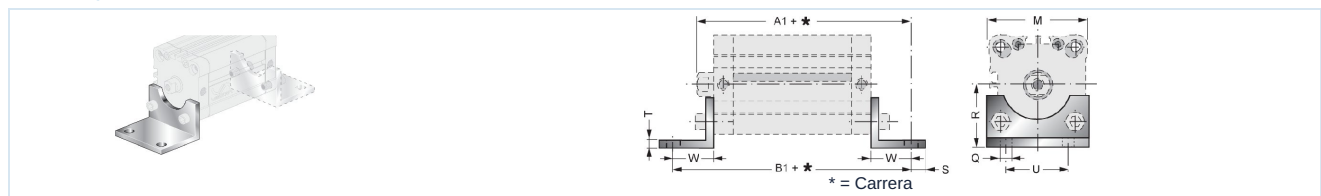
| Ø   | K | K1 | M   | M2  | N1 | N2  | ØQ | Y  | Tipo    |
|-----|---|----|-----|-----|----|-----|----|----|---------|
| 32  | 3 | 61 | 45  | 80  | 32 | 64  | 7  | 10 | XFL/32  |
| 40  | 3 | 62 | 52  | 90  | 36 | 72  | 9  | 10 | XFL/40  |
| 50  | 4 | 65 | 65  | 110 | 45 | 90  | 9  | 12 | XFL/50  |
| 63  | 4 | 69 | 75  | 120 | 50 | 100 | 9  | 12 | XFL/63  |
| 80  | 6 | 80 | 95  | 150 | 63 | 126 | 12 | 16 | XFL/80  |
| 100 | 6 | 93 | 115 | 170 | 75 | 150 | 14 | 16 | XFL/100 |

## SKP / .. Fijación al suelo UNITOP



| Ø   | A2 | B2   | E1   | E2   | H    | I6  | R2   | S   | S3 | Tipo    |
|-----|----|------|------|------|------|-----|------|-----|----|---------|
| 16  | 13 | 17,5 | 22   | 9    | 38   | 18  | 5,5  | 30  | 3  | SKP/16  |
| 20  | 16 | 22   | 27   | 11   | 38   | 22  | 6,5  | 36  | 4  | SKP/20  |
| 25  | 16 | 22   | 30   | 13   | 39,5 | 26  | 6,5  | 40  | 4  | SKP/25  |
| 32  | 18 | 26   | 32   | 16   | 44,5 | 32  | 6,5  | 50  | 5  | SKP/32  |
| 40  | 20 | 28   | 42,5 | 21   | 45,5 | 42  | 9    | 60  | 5  | SKP/40  |
| 50  | 24 | 32   | 47   | 25   | 45,5 | 50  | 9    | 68  | 6  | SKP/50  |
| 63  | 27 | 39   | 59,5 | 31   | 50   | 62  | 11   | 84  | 6  | SKP/63  |
| 80  | 30 | 42   | 65,5 | 41   | 56   | 82  | 11   | 102 | 8  | SKP/80  |
| 100 | 33 | 45   | 78   | 51,5 | 66,5 | 103 | 13,5 | 123 | 8  | SKP/100 |

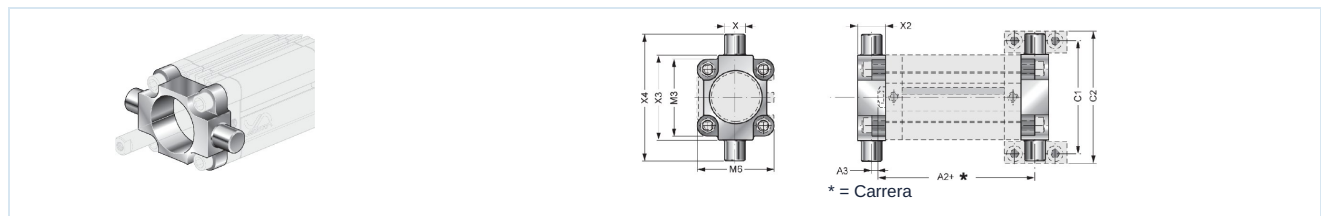
## XP / .. Fijación al suelo ISO 15552



| Ø   | A1  | B1  | M   | ØQ | R  | S  | T | U  | W  | Tipo   |
|-----|-----|-----|-----|----|----|----|---|----|----|--------|
| 32  | 75  | 92  | 45  | 7  | 32 | 11 | 4 | 32 | 24 | XP/32  |
| 40  | 80  | 101 | 52  | 9  | 36 | 15 | 4 | 36 | 28 | XP/40  |
| 50  | 85  | 109 | 65  | 9  | 45 | 15 | 5 | 45 | 32 | XP/50  |
| 63  | 89  | 113 | 75  | 9  | 50 | 15 | 5 | 50 | 32 | XP/63  |
| 80  | 105 | 136 | 95  | 12 | 63 | 20 | 6 | 63 | 41 | XP/80  |
| 100 | 118 | 149 | 115 | 14 | 71 | 25 | 6 | 75 | 41 | XP/100 |

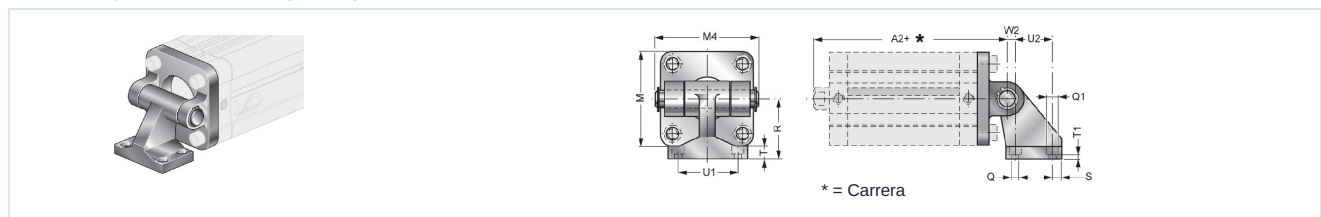


## XCBF/ .. Montaje oscilante ISO 15552



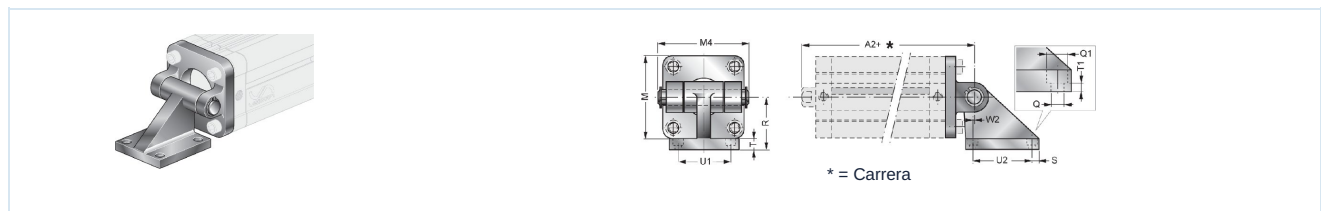
| Ø   | A2   | A3  | C1 | C2  | M3  | M6  | X e9 | X2 | X3  | X4  | Tipo     |
|-----|------|-----|----|-----|-----|-----|------|----|-----|-----|----------|
| 32  | 58,5 | 0,5 | 71 | 86  | 45  | 45  | 12   | 15 | 50  | 74  | XCBF/32  |
| 40  | 62   | 3   | 87 | 105 | 54  | 54  | 16   | 20 | 63  | 95  | XCBF/40  |
| 50  | 63   | 2   | 99 | 117 | 64  | 64  | 16   | 20 | 75  | 107 | XCBF/50  |
| 63  | 69,5 | 4,5 | 16 | 136 | 75  | 75  | 20   | 25 | 90  | 130 | XCBF/63  |
| 80  | 76,5 | 2,5 | 36 | 156 | 93  | 93  | 20   | 25 | 110 | 150 | XCBF/80  |
| 100 | 92   | 5   | 64 | 189 | 110 | 110 | 25   | 30 | 132 | 182 | XCBF/100 |

## XAS/ .. Soporte oscilante angular ligero CETOP RP107P ISO



| Ø   | A2  | M   | M4  | ØQ | ØQ1 | R  | S   | T  | T1   | U1 | U2 | W2 | Tipo    |
|-----|-----|-----|-----|----|-----|----|-----|----|------|----|----|----|---------|
| 32  | 73  | 45  | 54  | 7  | 11  | 32 | 6,5 | 8  | 6,5  | 38 | 18 | 3  | XAS/32  |
| 40  | 77  | 52  | 63  | 7  | 11  | 36 | 6,5 | 10 | 8,5  | 41 | 22 | 2  | XAS/40  |
| 50  | 80  | 65  | 71  | 9  | 15  | 45 | 7,5 | 12 | 10,5 | 50 | 30 | 3  | XAS/50  |
| 63  | 89  | 75  | 81  | 9  | 15  | 50 | 7,5 | 14 | 12,5 | 52 | 35 | 2  | XAS/63  |
| 80  | 100 | 95  | 101 | 11 | 18  | 63 | 10  | 14 | 11,5 | 66 | 40 | 7  | XAS/80  |
| 100 | 118 | 115 | 123 | 11 | 18  | 71 | 10  | 17 | 14,5 | 76 | 50 | 5  | XAS/100 |

## XASV/ .. Soporte oscilante angular pesado ISO

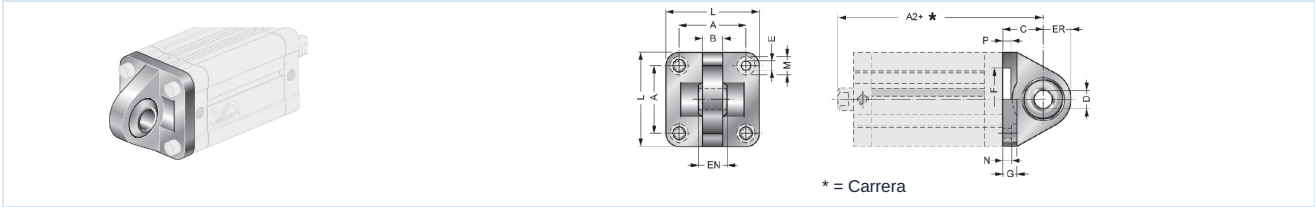


| Ø   | A2  | M   | M4  | ØQ | ØQ1 | R  | S    | T  | T1 | U1   | U2   | W2 | Tipo     |
|-----|-----|-----|-----|----|-----|----|------|----|----|------|------|----|----------|
| 32  | 73  | 45  | 54  | 7  | 11  | 32 | 8    | 10 | 5  | 32,5 | 32,5 | 0  | XASV/32  |
| 40  | 77  | 52  | 63  | 7  | 11  | 36 | 8,5  | 10 | 5  | 38   | 38   | 0  | XASV/40  |
| 50  | 80  | 65  | 71  | 9  | 15  | 45 | 10   | 12 | 5  | 46,5 | 46,5 | 0  | XASV/50  |
| 63  | 89  | 75  | 81  | 9  | 15  | 50 | 10   | 12 | 5  | 56,5 | 56,5 | 0  | XASV/63  |
| 80  | 100 | 95  | 101 | 11 | 18  | 63 | 12,5 | 14 | 6  | 72   | 72   | 0  | XASV/80  |
| 100 | 118 | 115 | 123 | 11 | 18  | 73 | 13   | 16 | 6  | 89   | 89   | 0  | XASV/100 |



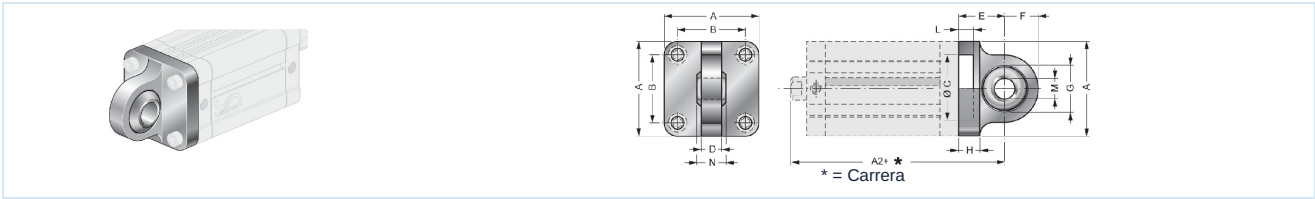


XCM-SN-AC/ .. Lengüeta con rótula esférica, Acero ISO



| Ø   | A2  | A    | B    | C  | D  | EN | ER | F  | G  | E   | L   | M    | N   | P | Tipo          |
|-----|-----|------|------|----|----|----|----|----|----|-----|-----|------|-----|---|---------------|
| 32  | 73  | 32,5 | 10,5 | 22 | 10 | 14 | 15 | 30 | 10 | 6,6 | 45  | 10,5 | 5,5 | 5 | XCM-SN-AC/32  |
| 40  | 77  | 38   | 12   | 25 | 12 | 16 | 18 | 35 | 10 | 6,6 | 55  | 11   | 5,5 | 5 | XCM-SN-AC/40  |
| 50  | 80  | 46,5 | 15   | 27 | 16 | 21 | 20 | 40 | 10 | 9   | 65  | 15   | 6,5 | 5 | XCM-SN-AC/50  |
| 63  | 89  | 56,5 | 15   | 32 | 16 | 21 | 23 | 45 | 12 | 9   | 75  | 15   | 6,5 | 5 | XCM-SN-AC/63  |
| 80  | 100 | 72   | 18   | 36 | 20 | 25 | 27 | 45 | 14 | 11  | 95  | 18   | 10  | 5 | XCM-SN-AC/80  |
| 100 | 118 | 89   | 18   | 41 | 20 | 25 | 30 | 55 | 16 | 11  | 115 | 18   | 10  | 5 | XCM-SN-AC/100 |

XCM-SN-AL/ .. Lengüeta con rótula esférica, Aluminio ISO



| Ø   | A2  | A   | B    | C  | D  | E  | F  | G  | H  | L | ØM | N  | Tipo          |
|-----|-----|-----|------|----|----|----|----|----|----|---|----|----|---------------|
| 32  | 73  | 45  | 32,5 | 30 | 10 | 22 | 16 | 22 | 10 | 7 | 10 | 14 | XCM-SN-AL/32  |
| 40  | 77  | 52  | 38   | 35 | 12 | 25 | 19 | 26 | 10 | 7 | 12 | 16 | XCM-SN-AL/40  |
| 50  | 80  | 65  | 46,5 | 40 | 12 | 27 | 19 | 26 | 12 | 7 | 16 | 21 | XCM-SN-AL/50  |
| 63  | 89  | 75  | 56,5 | 45 | 15 | 32 | 24 | 32 | 12 | 7 | 16 | 21 | XCM-SN-AL/63  |
| 80  | 100 | 95  | 72   | 45 | 15 | 36 | 24 | 32 | 16 | 9 | 20 | 25 | XCM-SN-AL/80  |
| 100 | 118 | 115 | 89   | 55 | 18 | 41 | 30 | 40 | 16 | 9 | 20 | 25 | XCM-SN-AL/100 |

USC/ .. Perno transversal

| Ø   | A   | B f7 | Tipo    |
|-----|-----|------|---------|
| 32  | 54  | 10   | USC/32  |
| 40  | 63  | 12   | USC/40  |
| 50  | 71  | 12   | USC/50  |
| 63  | 81  | 16   | USC/63  |
| 80  | 101 | 16   | USC/80  |
| 100 | 123 | 20   | USC/100 |

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