


**Pressioni**

**1 bar (0.1 MPa)**  
**10 bar (1 MPa)**

Pressione di spunto: 0,3 bar (0.03 MPa)


**Norma di Riferimento**

1907/2006  
**REACH** ✓

2011/65/CE  
**RoHS** ✓

**SILICON  
FREE**

**ATEX  
2014/34/UE**


**Temperature NBR**

**0 °C (-20 °C con aria secca)**  
**+ 80 °C**


**Sensori consigliato**

**DF - DT**

**CARATTERISTICHE**

|                                                             |                                                                                                      |
|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| <b>Fluidi</b>                                               | Aria compressa filtrata lubrificata e non lubrificata                                                |
| <b>Asta pistone</b>                                         | acciaio C40 Cromato                                                                                  |
| <b>Dado</b>                                                 | acciaio zincato                                                                                      |
| <b>Guarnizione asta</b>                                     | PU                                                                                                   |
| <b>Testata anteriore posteriore</b>                         | alluminio                                                                                            |
| <b>Guarnizioni ammortizzo</b>                               | NBR                                                                                                  |
| <b>Spillo ammortizzatore</b>                                | Acciaio zincato                                                                                      |
| <b>Camicia cilindro</b>                                     | alluminio anodizzato                                                                                 |
| <b>Vite di fissaggio</b>                                    | Acciaio zincato                                                                                      |
| <b>Boccola</b>                                              | KU                                                                                                   |
| <b>Guarnizioni pistone</b>                                  | NBR                                                                                                  |
| <b>Magnete</b>                                              | plastroferrite                                                                                       |
| <b>Pistone</b>                                              | alluminio                                                                                            |
| <b>O-Ring (Testata Anteriore, Pistone, Vite Ammortizzo)</b> | NBR                                                                                                  |
| <b>Funzionamento</b>                                        | Semplice effetto magnetico. Doppio effetto ammortizzato magnetico, stelo singolo o passante. Tandem. |



II 2GD cT6 -20°C < Tamb < +80°C



| Serie                                | Esecuzione             | Ø mm         | Corse          | Versione          | Varianti                                                               |
|--------------------------------------|------------------------|--------------|----------------|-------------------|------------------------------------------------------------------------|
| <b>L H</b>                           |                        | <b>0 3 2</b> | <b>0 0 2 5</b> |                   |                                                                        |
| <b>LB</b> Semplice Effetto Magnetico | <b>=</b> Stelo Maschio | 032          | 0025 0300      | <b>=</b> Standard | <b>=</b> Standard NBR                                                  |
| <b>LH</b> Doppio Effetto             | <b>L</b> Blocco di     | 040          | 0040 0320      | <b>T</b> Tiranti  | <b>PU</b> Poliuretano                                                  |
| Ammortizzato Magnetico               | stazionamento L1-N     | 050          | 0050 0350      |                   | <b>F</b> Versione -40°                                                 |
| <b>LL</b> Doppio Effetto Stelo       | <b>T</b> Tandem        | 063          | 0060 0400      |                   | <b>VS</b> Solo Guarnizioni Stelo in FKM                                |
| Passante Ammortizzato                |                        | 080          | 0075 0450      |                   | <b>IS</b> Stelo inox                                                   |
| Magnetico                            |                        | 100          | 0080 0500      |                   | <b>V</b> Tutte le guarnizioni in FKM                                   |
|                                      |                        | 125          | 0100 0600      |                   | <b>W</b> Versione per acqua con prodotti chimici                       |
|                                      |                        |              | 0125 0700      |                   | <b>R</b> Raschiatore metallico (NBR)                                   |
|                                      |                        |              | 0150 0800      |                   | <b>IVR</b> Resistente alla corrosione, compatibile agli agenti chimici |
|                                      |                        |              | 0160 0900      |                   |                                                                        |
|                                      |                        |              | 0200 1000      |                   |                                                                        |
|                                      |                        |              | 0250           |                   |                                                                        |

A richiesta corse intermedie o superiori.  
Corsa massima 2700 mm.

| Forze di spinta e tiro |       |                  |   |                     |      |      |      |      |      |      |      |      |      |       |
|------------------------|-------|------------------|---|---------------------|------|------|------|------|------|------|------|------|------|-------|
| Cilindro               | Stelo | Superficie utile |   | Pressione di lavoro |      |      |      |      |      |      |      |      |      |       |
| Ø                      | Ø     | mm²              |   | bar                 |      |      |      |      |      |      |      |      |      |       |
|                        |       |                  |   | 1                   | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   |       |
| Forza sviluppata       |       |                  |   |                     |      |      |      |      |      |      |      |      |      |       |
| 32                     | 12    | S                | = | 804                 | 72   | 144  | 216  | 288  | 360  | 432  | 504  | 576  | 648  | 720   |
|                        |       | T                | = | 691                 | 62   | 124  | 186  | 248  | 310  | 372  | 434  | 496  | 558  | 620   |
| 40                     | 16    | S                | = | 1257                | 110  | 220  | 330  | 440  | 550  | 660  | 770  | 880  | 990  | 1100  |
|                        |       | T                | = | 1056                | 95   | 190  | 285  | 380  | 475  | 570  | 665  | 760  | 855  | 950   |
| 50                     | 20    | S                | = | 1963                | 175  | 350  | 525  | 700  | 875  | 1050 | 1225 | 1400 | 1575 | 1750  |
|                        |       | T                | = | 1649                | 148  | 296  | 444  | 592  | 740  | 888  | 1036 | 1184 | 1332 | 1480  |
| 63                     | 20    | S                | = | 3117                | 280  | 560  | 840  | 1120 | 1400 | 1680 | 1960 | 2240 | 2520 | 2800  |
|                        |       | T                | = | 2803                | 250  | 500  | 750  | 1000 | 1250 | 1500 | 1750 | 2000 | 2250 | 2500  |
| 80                     | 25    | S                | = | 5027                | 450  | 900  | 1350 | 1800 | 2250 | 2700 | 3150 | 3600 | 4050 | 4500  |
|                        |       | T                | = | 4536                | 405  | 810  | 1215 | 1620 | 2025 | 2430 | 2835 | 3240 | 3645 | 4050  |
| 100                    | 25    | S                | = | 7854                | 700  | 1400 | 2100 | 2800 | 3500 | 4200 | 4900 | 5650 | 6360 | 7000  |
|                        |       | T                | = | 7363                | 660  | 1320 | 1980 | 2640 | 3300 | 3960 | 4620 | 5280 | 5940 | 6600  |
| 125                    | 32    | S                | = | 12270               | 1104 | 2208 | 3312 | 4416 | 5520 | 6624 | 7728 | 8832 | 9936 | 11040 |
|                        |       | T                | = | 11468               | 1032 | 2064 | 3096 | 4128 | 5160 | 6192 | 7224 | 8256 | 9288 | 10320 |

S Spinta; T Trazione

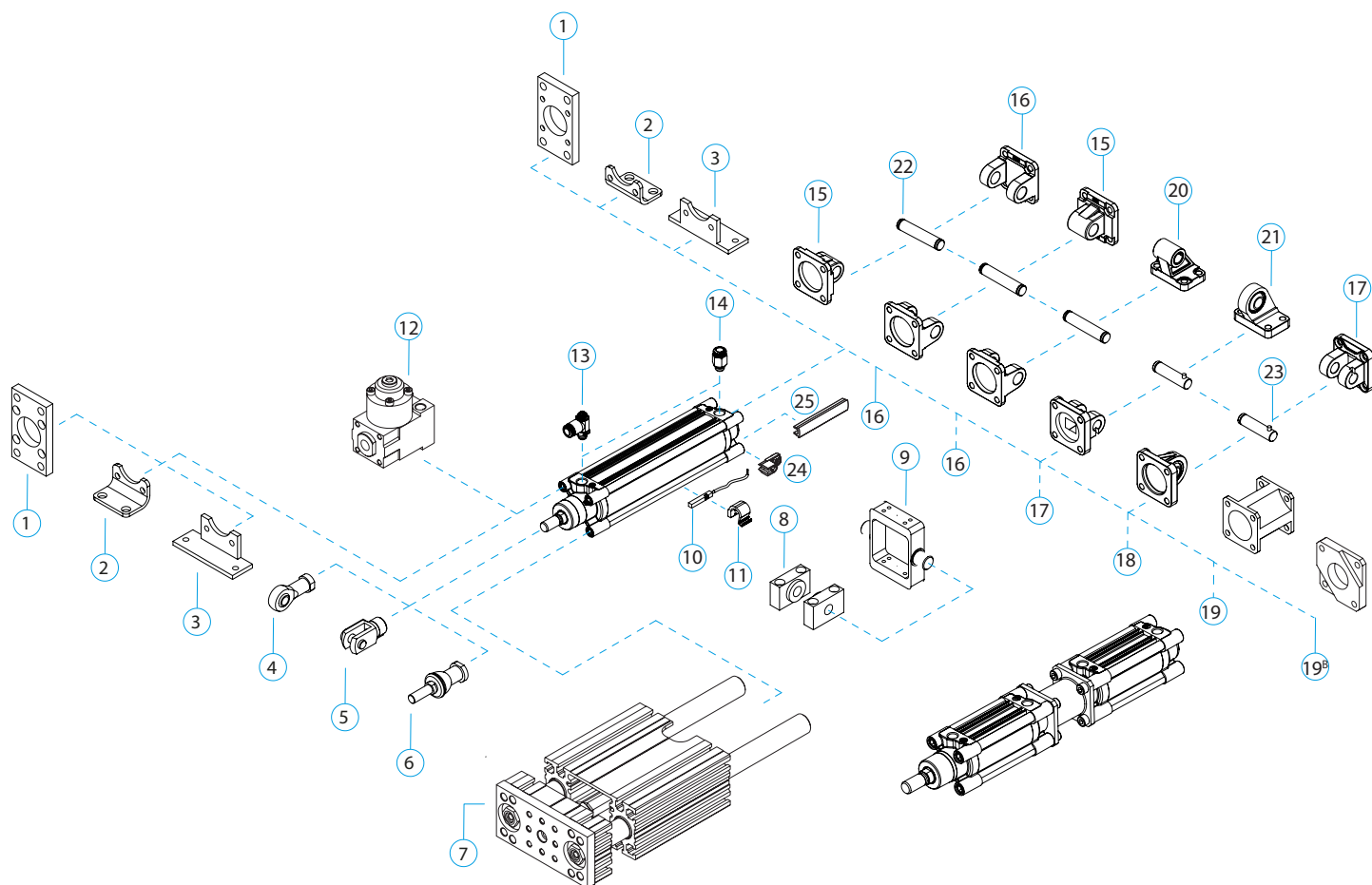
| Forze della molla |              |     |       |     |      |      |
|-------------------|--------------|-----|-------|-----|------|------|
| Cilindro          | Carico molla |     | Corsa |     |      |      |
| Ø                 |              | 25  | 50    | 75  | 80   | 100  |
| Forza sviluppata  |              |     |       |     |      |      |
| 32                | R            | 50  | 41    | 33  | 31,5 | 24,5 |
|                   | C            | 58  | 58    | 58  | 58   | 58   |
| 40                | R            | 52  | 43    | 34  | 32   | 25   |
|                   | C            | 61  | 61    | 61  | 61   | 61   |
| 50                | R            | 92  | 77    | 64  | 60   | 49   |
|                   | C            | 110 | 110   | 110 | 110  | 110  |
| 63                | R            | 92  | 77    | 64  | 60   | 49   |
|                   | C            | 110 | 110   | 110 | 110  | 110  |
| 80                | R            | 117 | 98    | 79  | 75   | 59   |
|                   | C            | 138 | 138   | 138 | 138  | 138  |
| 100               | R            | 117 | 98    | 79  | 75   | 59   |
|                   | C            | 138 | 138   | 138 | 138  | 138  |

R Carico molla a riposo; C Carico molla compressa

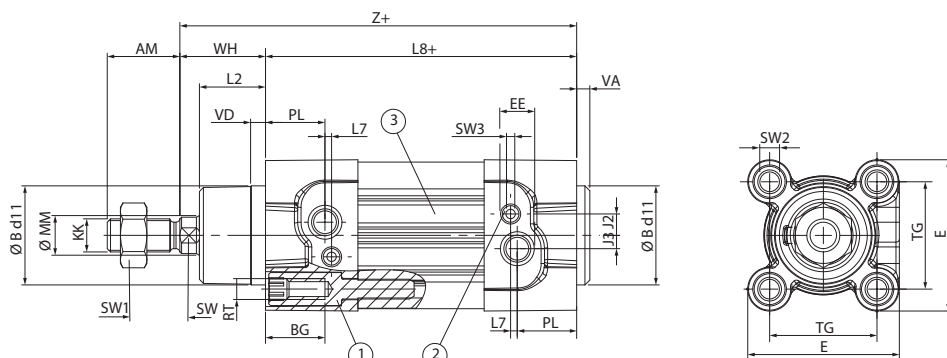
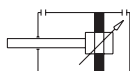
| Consumi cilindro                     |       |                  |   |                     |       |       |       |       |       |       |       |       |       |       |
|--------------------------------------|-------|------------------|---|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Cilindro                             | Stelo | Superficie utile |   | Pressione di lavoro |       |       |       |       |       |       |       |       |       |       |
| Ø                                    | Ø     | mm²              |   | bar                 |       |       |       |       |       |       |       |       |       |       |
|                                      |       |                  |   | 1                   | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    |       |
| Consumo aria per ogni 10 mm di corsa |       |                  |   |                     |       |       |       |       |       |       |       |       |       |       |
| 32                                   | 12    | S                | = | 804                 | 0,016 | 0,024 | 0,032 | 0,040 | 0,048 | 0,056 | 0,064 | 0,072 | 0,080 | 0,088 |
|                                      |       | T                | = | 691                 | 0,014 | 0,021 | 0,028 | 0,035 | 0,041 | 0,048 | 0,055 | 0,062 | 0,069 | 0,076 |
| 40                                   | 16    | S                | = | 1257                | 0,025 | 0,038 | 0,050 | 0,063 | 0,075 | 0,088 | 0,101 | 0,113 | 0,126 | 0,138 |
|                                      |       | T                | = | 1056                | 0,021 | 0,032 | 0,042 | 0,053 | 0,063 | 0,074 | 0,084 | 0,095 | 0,106 | 0,116 |
| 50                                   | 20    | S                | = | 1963                | 0,039 | 0,059 | 0,079 | 0,098 | 0,118 | 0,137 | 0,157 | 0,177 | 0,196 | 0,216 |
|                                      |       | T                | = | 1649                | 0,033 | 0,049 | 0,066 | 0,082 | 0,099 | 0,115 | 0,132 | 0,148 | 0,165 | 0,181 |
| 63                                   | 20    | S                | = | 3117                | 0,062 | 0,094 | 0,125 | 0,156 | 0,187 | 0,218 | 0,249 | 0,281 | 0,312 | 0,343 |
|                                      |       | T                | = | 2803                | 0,056 | 0,084 | 0,112 | 0,140 | 0,168 | 0,196 | 0,224 | 0,252 | 0,280 | 0,308 |
| 80                                   | 25    | S                | = | 5027                | 0,101 | 0,151 | 0,201 | 0,251 | 0,302 | 0,352 | 0,402 | 0,452 | 0,503 | 0,553 |
|                                      |       | T                | = | 4536                | 0,091 | 0,136 | 0,181 | 0,227 | 0,272 | 0,318 | 0,363 | 0,408 | 0,454 | 0,499 |
| 100                                  | 25    | S                | = | 7854                | 0,157 | 0,236 | 0,314 | 0,393 | 0,471 | 0,550 | 0,628 | 0,707 | 0,785 | 0,864 |
|                                      |       | T                | = | 7363                | 0,147 | 0,221 | 0,295 | 0,368 | 0,442 | 0,515 | 0,589 | 0,663 | 0,736 | 0,810 |
| 125                                  | 32    | S                | = | 12270               | 0,245 | 0,368 | 0,491 | 0,614 | 0,736 | 0,859 | 0,982 | 1,104 | 1,227 | 1,350 |
|                                      |       | T                | = | 11468               | 0,229 | 0,344 | 0,459 | 0,573 | 0,688 | 0,803 | 0,917 | 1,032 | 1,147 | 1,261 |

S Spinta; T Trazione

## FISSAGGI E ACCESSORI - SERIE L



|                 |                                                                                        |
|-----------------|----------------------------------------------------------------------------------------|
| 1               | FLANGIA - VFL                                                                          |
| 2               | PIEDINO BASSO - VCP                                                                    |
| 3               | PIEDINO BASSO LARGO - ACCIAIO - VCB                                                    |
| 4               | TESTE DI BIELLA AUTOLUBRIFICANTI - TF                                                  |
| 5               | FORCELLA CON CLIPS IN ACCIAIO ZINCATO - FC                                             |
| 6               | SNODO ASSIALE - ACCIAIO - TS                                                           |
| 7               | UNITÀ DI GUIDA - J11                                                                   |
| 8               | SUPPORTO CERNIERA INTERMEDIA - VSI                                                     |
| 9               | CERNIERA INTERMEDIA - ACCIAIO - LCN                                                    |
| 10              | SENSORE MAGNETICO DT - DF                                                              |
| 11              | STAFFA PER SENSORI PER CILINDRI CON TIRANTI - EXF                                      |
| 12              | BLOCCO DI STAZIONAMENTO - L1N                                                          |
| 13              | REGOLATORE DI FLUSSO                                                                   |
| 14              | RACCORDO AUTOMATICO                                                                    |
| 15              | CERNIERA MASCHIO CON BOCCOLE AUTOLUBRIFICANTI - VCM                                    |
| 16              | CERNIERA FEMMINA CON BOCCOLE AUTOLUBRIFICANTI - VCF                                    |
| 17              | CERNIERA FEMMINA STRETTA PER ARTICOLAZIONE A SQUADRA CON TESTINA SNODATA DIN648K - VCD |
| 18              | CERNIERA MASCHIO STRETTA CON TESTINA SNODATA DIN648K - VCS                             |
| 19              | FLANGIA PER CILINDRO CONTRAPPOSTO - ALLUMINIO - VFT                                    |
| 19 <sup>B</sup> | FLANGIA PER CILINDRI CONTRAPPOSTI - KF36                                               |
| 20              | ARTICOLAZIONE A SQUADRA - VAS                                                          |
| 21              | ARTICOLAZIONE A SQUADRA CON TESTINA SNODATA DIN648K - ACCIAIO - VADZ                   |
| 22              | PERNO PER CERNIERA CON SEEGER - VPE                                                    |
| 23              | PERNO ANTIROTAZIONE PER CERNIERA FEMMINA STRETTA VCD - VPS                             |
| 24              | BLOCCACAVO GUIDA FILO SENSORE DF                                                       |
| 25              | BANDELLA COPRIFILO DHF                                                                 |

**LH - DOPPIO EFFETTO AMMORTIZZATO MAGNETICO**


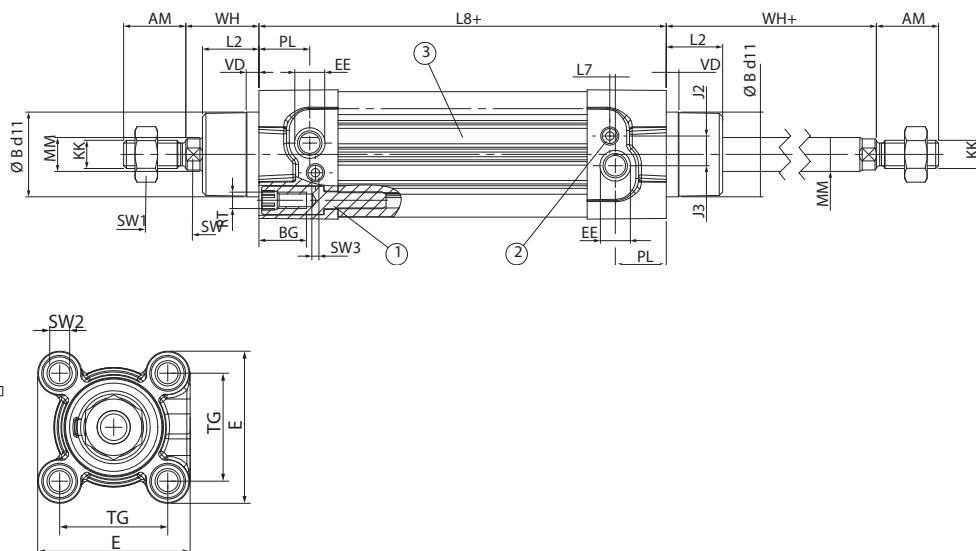
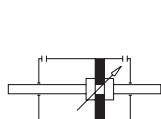
| Ø   | ØB <sup>411</sup> | VD   | VA | L2 | WH   | ØMM | SW | KK       | AM | SW1 | Z     | L8  | BG | RT  | SW2 | E   | TG   | EE   | PL   | J3  | J2   | L7  | SW3 |
|-----|-------------------|------|----|----|------|-----|----|----------|----|-----|-------|-----|----|-----|-----|-----|------|------|------|-----|------|-----|-----|
| 32  | 30                | 10   | 4  | 20 | 26   | 12  | 10 | M10X1.25 | 22 | 17  | 120   | 94  | 18 | M6  | 6   | 46  | 32.5 | G1/8 | 18   | 4   | 6.5  | 2   | 2.5 |
| 40  | 35                | 10.5 | 4  | 22 | 30   | 16  | 13 | M12X1.25 | 24 | 19  | 135   | 105 | 18 | M6  | 6   | 54  | 38   | G1/4 | 17.5 | 3.5 | 8    | 5.8 | 2.5 |
| 50  | 40                | 11.5 | 4  | 28 | 37   | 20  | 17 | M16X1.5  | 32 | 22  | 143   | 106 | 20 | M8  | 8   | 64  | 46.5 | G1/4 | 20.5 | 7   | 10   | 2   | 4   |
| 63  | 45                | 15   | 4  | 29 | 37   | 20  | 17 | M16X1.5  | 32 | 22  | 158   | 121 | 20 | M8  | 8   | 74  | 56.5 | G3/8 | 22   | 11  | 8.5  | 4   | 4   |
| 80  | 45                | 15.7 | 4  | 35 | 46   | 25  | 22 | M20X1.5  | 40 | 30  | 174   | 128 | 19 | M10 | 6   | 94  | 72   | G3/8 | 22   | 11  | 8.5  | 4   | 4   |
| 100 | 55                | 19.2 | 4  | 38 | 51.5 | 25  | 22 | M20X1.5  | 40 | 30  | 189.5 | 138 | 19 | M10 | 6   | 111 | 89   | G1/2 | 26   | 9   | 12.5 | 5   | 4   |
| 125 | 60                | 20   | 6  | 50 | 65   | 32  | 27 | M27X2    | 54 | 41  | 225   | 160 | 21 | M12 | 8   | 135 | 110  | G1/2 | 30   | 9   | 12.5 | 2.5 | 4   |

1. Vite ad esagono incassato con filetto femmina per montaggio degli elementi di fissaggio S e per il montaggio diretto

2. Viti per la regolazione dei deceleratori

3. Scanalatura per montaggio sensore

+ Aggiungere la corsa

**LL - DOPPIO EFFETTO STELO PASSANTE AMMORTIZZATO MAGNETICO**


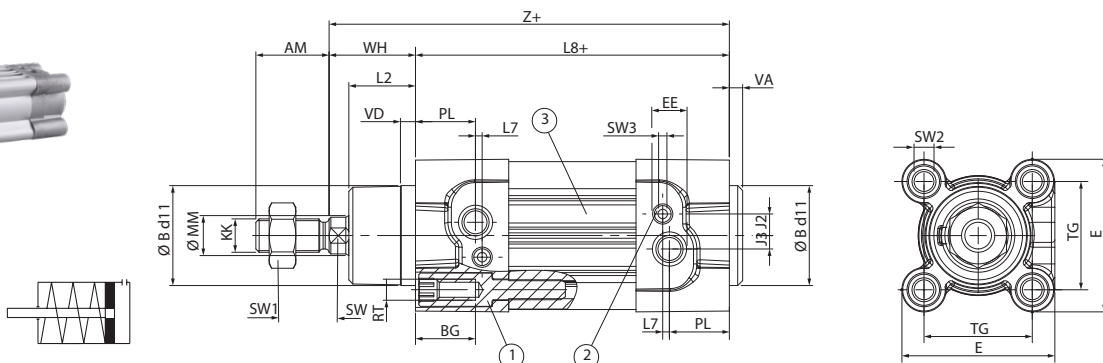
| Ø   | ØB <sup>411</sup> | VD   | VA | L2 | WH   | ØMM | SW | KK       | AM | SW1 | Z     | L8  | BG | RT  | SW2 | E   | TG   | EE   | PL   | J3  | J2   | L7  | SW3 |
|-----|-------------------|------|----|----|------|-----|----|----------|----|-----|-------|-----|----|-----|-----|-----|------|------|------|-----|------|-----|-----|
| 32  | 30                | 10   | 4  | 20 | 26   | 12  | 10 | M10X1.25 | 22 | 17  | 120   | 94  | 18 | M6  | 6   | 46  | 32.5 | G1/8 | 18   | 4   | 6.5  | 2   | 2.5 |
| 40  | 35                | 10.5 | 4  | 22 | 30   | 16  | 13 | M12X1.25 | 24 | 19  | 135   | 105 | 18 | M6  | 6   | 54  | 38   | G1/4 | 17.5 | 3.5 | 8    | 5.8 | 2.5 |
| 50  | 40                | 11.5 | 4  | 28 | 37   | 20  | 17 | M16X1.5  | 32 | 22  | 143   | 106 | 20 | M8  | 8   | 64  | 46.5 | G1/4 | 20.5 | 7   | 10   | 2   | 4   |
| 63  | 45                | 15   | 4  | 29 | 37   | 20  | 17 | M16X1.5  | 32 | 22  | 158   | 121 | 20 | M8  | 8   | 74  | 56.5 | G3/8 | 22   | 11  | 8.5  | 4   | 4   |
| 80  | 45                | 15.7 | 4  | 35 | 46   | 25  | 22 | M20X1.5  | 40 | 30  | 174   | 128 | 19 | M10 | 6   | 94  | 72   | G3/8 | 22   | 11  | 8.5  | 4   | 4   |
| 100 | 55                | 19.2 | 4  | 38 | 51.5 | 25  | 22 | M20X1.5  | 40 | 30  | 189.5 | 138 | 19 | M10 | 6   | 111 | 89   | G1/2 | 26   | 9   | 12.5 | 5   | 4   |
| 125 | 60                | 20   | 6  | 50 | 65   | 32  | 27 | M27X2    | 54 | 41  | 225   | 160 | 21 | M12 | 8   | 135 | 110  | G1/2 | 30   | 9   | 12.5 | 2.5 | 4   |

1. Vite ad esagono incassato con filetto femmina per montaggio degli elementi di fissaggio S e per il montaggio diretto

2. Viti per la regolazione dei deceleratori

3. Scanalatura per montaggio sensore

+ Aggiungere la corsa

**LB - SEMPLICE EFFETTO MAGNETICO**


| $\varnothing$ | $\varnothing B^{+0.11}$ | VD   | VA | L2 | WH   | $\varnothing MM$ | SW | KK       | AM | SW1 | Z     | L8  | BG | RT  | SW2 | E   | TG   | EE   | PL   | J3  | J2   | L7  | SW3 |
|---------------|-------------------------|------|----|----|------|------------------|----|----------|----|-----|-------|-----|----|-----|-----|-----|------|------|------|-----|------|-----|-----|
| 32            | 30                      | 10   | 4  | 20 | 26   | 12               | 10 | M10X1.25 | 22 | 17  | 145   | 119 | 18 | M6  | 6   | 46  | 32.5 | G1/8 | 18   | 4   | 6.5  | 2   | 2.5 |
| 40            | 35                      | 10.5 | 4  | 22 | 30   | 16               | 13 | M12X1.25 | 24 | 19  | 160   | 130 | 18 | M6  | 6   | 54  | 38   | G1/4 | 17.5 | 3.5 | 8    | 5.8 | 2.5 |
| 50            | 40                      | 11.5 | 4  | 28 | 37   | 20               | 17 | M16X1.5  | 32 | 22  | 168   | 131 | 20 | M8  | 8   | 64  | 46.5 | G1/4 | 20.5 | 7   | 10   | 2   | 4   |
| 63            | 45                      | 15   | 4  | 29 | 37   | 20               | 17 | M16X1.5  | 32 | 22  | 183   | 146 | 20 | M8  | 8   | 74  | 56.5 | G3/8 | 22   | 8   | 8.5  | 4   | 4   |
| 80            | 45                      | 15.7 | 4  | 35 | 46   | 25               | 22 | M20X1.5  | 40 | 30  | 199   | 153 | 19 | M10 | 6   | 94  | 72   | G3/8 | 22   | 11  | 8.5  | 4   | 4   |
| 100           | 55                      | 19.2 | 4  | 38 | 51.5 | 25               | 22 | M20X1.5  | 40 | 30  | 214.5 | 163 | 19 | M10 | 6   | 111 | 89   | G1/2 | 26   | 9   | 12.5 | 5   | 4   |

1. Vite ad esagono incassato con filetto femmina per montaggio degli elementi di fissaggio S e per il montaggio diretto

2. Viti per la regolazione dei deceleratori

3. Scanalatura per montaggio sensore

+ Aggiungere la corsa

## VERSIONI PIÙ COMUNI - SERIE L

L H 0 3 2 0 0 2 5

STANDARD PER AUTOMAZIONE



-10 / +80 °C

NBR SEALS - LOW FRICTION

L H 0 3 2 0 0 2 5 P U

MAGGIORE DURATA



-20 / +80 °C

PU SEALS



L H 0 3 2 0 0 2 5 V

ALTA TEMPERATURA E COMPATIBILITÀ CHIMICA



-10 / +150 °C

FKM SEALS



L H 0 3 2 0 0 2 5 I S

STELO IN INOX



-10 / +80 °C

NBR SEALS - LOW FRICTION

ROD: AISI 303



L H 0 3 2 0 0 2 5 F

BASSA TEMPERATURA



-40 / +80 °C

PU SEALS



L H 0 3 2 0 0 2 5 F R

BASSA TEMPERATURA CON RASCHIATORE METALLICO



-30 / +80 °C

NBR SEALS

METAL SCRAPER



L H 0 3 2 0 0 2 5 W

RESISTENTE ALL'ACQUA E LAVAGGIO CHIMICO



-10 / +60 °C

PU SEALS - WATERPROOF

ROD: AISI 303

SPECIAL PAINTING



L H 0 3 2 0 0 2 5 I V R

RESISTENTE ALLA CORROSIONE E COMPATIBILE AGLI AGENTI CHIMICI



-10 / +150 °C

FKM SEALS

ROD: AISI 303

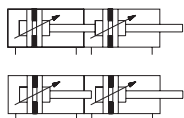
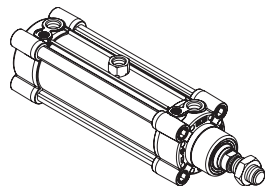
SPECIAL PAINTING

METAL SCRAPER



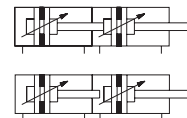
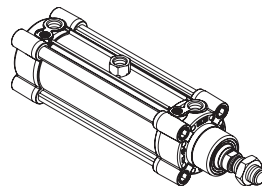
VERSIONI PIÙ COMUNI - SERIE L

VERSIONE TANDEM



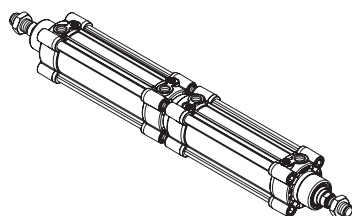
-20 / +80 °C

VERSIONE TANDEM DUE POSIZIONI



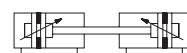
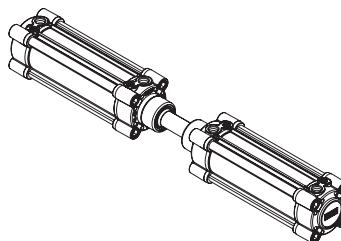
-20 / +80 °C

VERSIONE TANDEM CONTRAPPOSTO



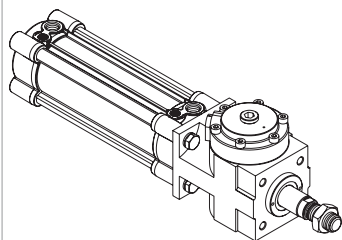
-20 / +80 °C

VERSIONE TANDEM STELO COMUNE



-20 / +80 °C

CILINDRO CON BLOCCASTRO



-20 / +80 °C

**CILINDRI ISO 15552 CON BLOCCO DI STAZIONAMENTO L1-N**

**Norma di Riferimento**

 ATEX  
2014/34/UE

**Pressioni**

 4 bar (0.4 MPa)  
10 bar (1 MPa)

**Temperature**

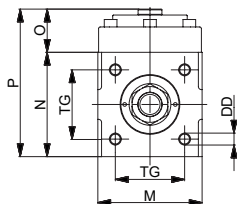
 -20 °C  
+ 80 °C

**CARATTERISTICHE**

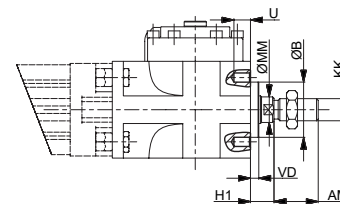
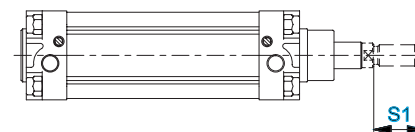
|             |                                           |
|-------------|-------------------------------------------|
| Fluido      | aria filtrata, con o senza lubrificazione |
| Corpo       | alluminio pressofuso                      |
| Coperchio   | alluminio pressofuso                      |
| Pistone     | alluminio                                 |
| Guarnizioni | NBR                                       |
| Molle       | acciaio speciale                          |



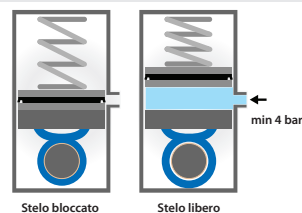
| Serie                                                    | Alesaggio cilindro (mm)                                                                                                                         | Diametro stelo (mm)             | Variante                                    |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------------------|
| <b>L 1 N</b>                                             | <b>0 6 3</b>                                                                                                                                    | <b>2 0</b>                      |                                             |
| <b>L1-N</b> Blocco di stationamento per cilindri e steli | <b>032</b> = Ø032<br><b>040</b> = Ø040<br><b>050</b> = Ø050<br><b>063</b> = Ø063<br><b>080</b> = Ø080<br><b>100</b> = Ø100<br><b>125</b> = Ø125 | Ø12    Ø25<br>Ø16    Ø32<br>Ø20 | <b>K</b> Raschiatore metallico su richiesta |

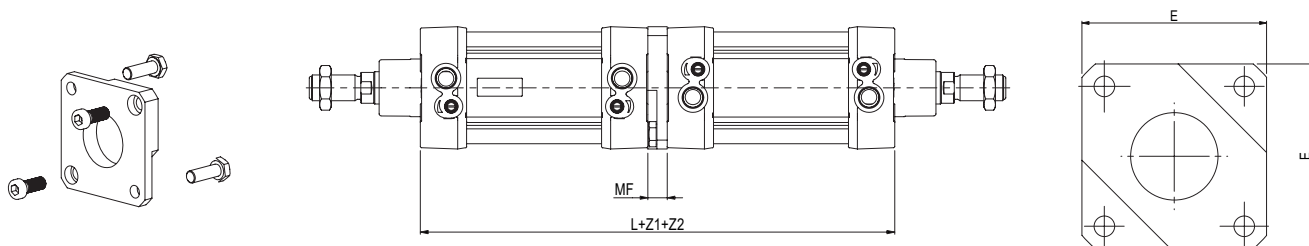
**L1 N - BLOCCASTELO Ø 32 - Ø 125**
**SPORGENZA ISO**


A - sblocco pneumatico g1/8

**SPORGENZA RIDOTTA**

**LUNGHEZZA AGGIUNTIVA DELLO STELO STANDARD**  
 S<sub>1</sub> per sporgenza iso


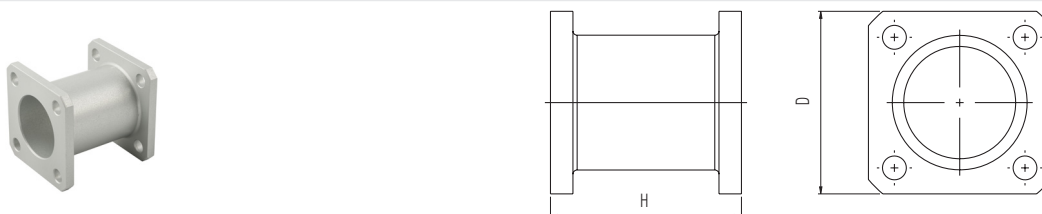
| Ø          | Ø Stelo (mm) | AM | B  | DD  | E     | F   | H1 | KK         | M   | MM | N   | O    | P     | S1  | TG   | U  | VD  | WH |
|------------|--------------|----|----|-----|-------|-----|----|------------|-----|----|-----|------|-------|-----|------|----|-----|----|
| <b>32</b>  | <b>12</b>    | 22 | 30 | M6  | 54,5  | 84  | 16 | M10 X 1,25 | 50  | 12 | 50  | 29,5 | 79,5  | 85  | 32,5 | 10 | 6   | 26 |
| <b>40</b>  | <b>16</b>    | 24 | 35 | M6  | 58    | 90  | 15 | M12 X 1,25 | 58  | 16 | 58  | 29,5 | 87,5  | 90  | 38   | 9  | 6   | 30 |
| <b>50</b>  | <b>20</b>    | 32 | 40 | M8  | 60    | 100 | 17 | M16 X 1,5  | 70  | 20 | 70  | 29   | 99    | 100 | 46,5 | 10 | 6   | 37 |
| <b>63</b>  | <b>20</b>    | 32 | 45 | M8  | 65    | 110 | 17 | M16 X 1,5  | 85  | 20 | 85  | 37   | 122   | 110 | 56,5 | 13 | 6   | 37 |
| <b>80</b>  | <b>25</b>    | 40 | 45 | M10 | 75    | 125 | 21 | M20 X 1,5  | 100 | 25 | 100 | 40,5 | 140,5 | 125 | 72   | 16 | 8   | 46 |
| <b>100</b> | <b>25</b>    | 40 | 55 | M10 | 90    | 152 | 26 | M20 X 1,5  | 116 | 25 | 116 | 59   | 59    | 150 | 89   | 18 | 8   | 51 |
| <b>125</b> | <b>32</b>    | 54 | 60 | M12 | 112,5 | 185 | 35 | M27 X 2    | 145 | 32 | 145 | 62   | 62    | 185 | 110  | 22 | 9,5 | 65 |

**BLOCCO DI STAZIONAMENTO CON RILEVATORE DI POSIZIONE INDUTTIVO M8**


**FISSAGGI E ACCESSORI SERIE L - CILINDRI ISO 15552**
**KF36 - FLANGIA PER CILINDRI CONTRAPPOSTI**


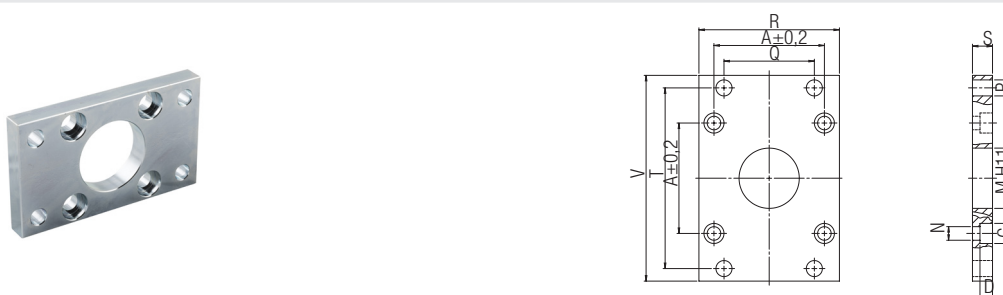
| Code       | Ø   | E    | L   | MF |
|------------|-----|------|-----|----|
| KF - 36032 | 32  | 46,5 | 198 | 10 |
| KF - 36040 | 40  | 52   | 220 | 10 |
| KF - 36050 | 50  | 64,5 | 227 | 15 |
| KF - 36063 | 63  | 76,5 | 257 | 15 |
| KF - 36080 | 80  | 95   | 271 | 15 |
| KF - 36100 | 100 | 114  | 291 | 15 |
| KF - 36125 | 125 | 140  | 335 | 15 |

Materiale: Alluminio

**VFT - FLANGIA PER CILINDRO CONTRAPPOSTO**


| Code    | Ø   | H   | D   |
|---------|-----|-----|-----|
| VFT 032 | 32  | 55  | 45  |
| VFT 040 | 40  | 55  | 52  |
| VFT 050 | 50  | 68  | 65  |
| VFT 063 | 63  | 68  | 75  |
| VFT 080 | 80  | 92  | 95  |
| VFT 100 | 100 | 92  | 115 |
| VFT 125 | 125 | 120 | 140 |

Materiale: Alluminio

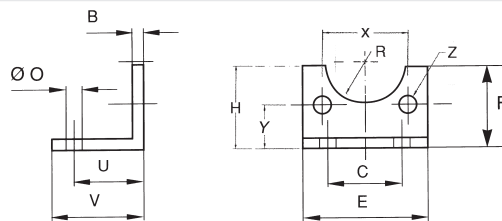
**VFL - FLANGIA**


| Code ●  | Code ■   | Ø   | Ø M | P  | S  | D   | C    | N    | A    | Q  | R   | T   | V   |
|---------|----------|-----|-----|----|----|-----|------|------|------|----|-----|-----|-----|
| VFL 032 | VFLI 032 | 32  | 30  | 7  | 10 | 5   | 10.5 | 6.5  | 32.5 | 32 | 45  | 64  | 80  |
| VFL 040 | VFLI 040 | 40  | 35  | 9  | 10 | 5   | 11   | 6.5  | 38   | 36 | 52  | 72  | 90  |
| VFL 050 | VFLI 050 | 50  | 40  | 9  | 12 | 5.5 | 15   | 8.5  | 46.5 | 45 | 65  | 90  | 110 |
| VFL 063 | VFLI 063 | 63  | 45  | 9  | 12 | 5.5 | 15   | 8.5  | 56.5 | 50 | 75  | 100 | 120 |
| VFL 080 | VFLI 080 | 80  | 45  | 12 | 16 | 8   | 18   | 10.5 | 72   | 63 | 95  | 126 | 150 |
| VFL 100 | VFLI 100 | 100 | 55  | 14 | 16 | 8   | 18   | 10.5 | 89   | 75 | 115 | 150 | 170 |
| VFL 125 | -        | 125 | 60  | 16 | 20 | 9.5 | 20   | 13.5 | 110  | 90 | 140 | 180 | 205 |

● Materiale: acciaio

■ Materiale: Inox

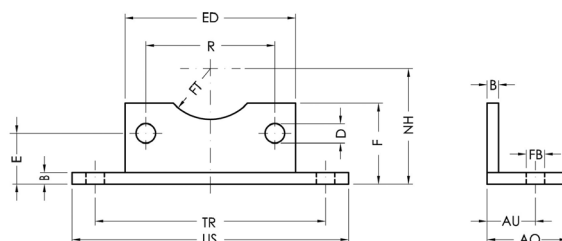
VITE: DIN6912

**FISSAGGI E ACCESSORI SERIE L - CILINDRI ISO 15552**
**VCP - PIEDINO BASSO**


| Code ●  | Code ■   | Ø   | B | C  | E   | F  | O  | U  | V  | R    | Z  | X    | Y     | H  |
|---------|----------|-----|---|----|-----|----|----|----|----|------|----|------|-------|----|
| VCP 032 | VCPI 032 | 32  | 4 | 32 | 45  | 30 | 7  | 24 | 35 | 15   | 7  | 32.5 | 15.75 | 32 |
| VCP 040 | VCPI 040 | 40  | 4 | 36 | 52  | 30 | 9  | 28 | 36 | 17.5 | 7  | 38   | 17    | 36 |
| VCP 050 | VCPI 050 | 50  | 5 | 45 | 65  | 36 | 9  | 32 | 47 | 20   | 9  | 46.5 | 21.75 | 45 |
| VCP 063 | VCPI 063 | 63  | 5 | 50 | 75  | 35 | 9  | 32 | 45 | 22.5 | 9  | 56.5 | 21.75 | 50 |
| VCP 080 | VCPI 080 | 80  | 6 | 63 | 95  | 47 | 12 | 41 | 55 | 22.5 | 11 | 72   | 27    | 63 |
| VCP 100 | VCPI 100 | 100 | 6 | 75 | 115 | 53 | 14 | 41 | 57 | 27.5 | 11 | 89   | 26.5  | 71 |
| VCP 125 | VCPI 125 | 125 | 8 | 90 | 140 | 70 | 16 | 45 | 70 | 30   | 14 | 110  | 35    | 90 |

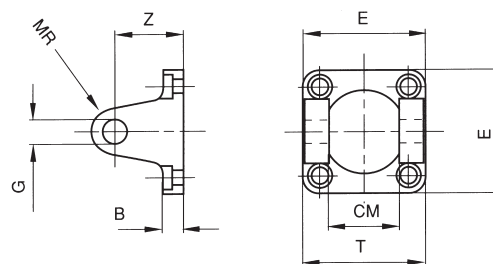
● Materiale: Acciaio

◆ Materiale: Inox

**VCB - PIEDINO BASSO LARGO**


| Code       | Ø   | US  | ED  | F  | AO | B | TR  | E     | D    | FT   | NH | R    | AU | FB   |
|------------|-----|-----|-----|----|----|---|-----|-------|------|------|----|------|----|------|
| VCB 032 NE | 32  | 79  | 45  | 30 | 30 | 5 | 65  | 15.75 | 6.5  | 15   | 32 | 32.5 | 18 | 6.5  |
| VCB 040 NE | 40  | 90  | 55  | 30 | 30 | 5 | 75  | 17    | 6.5  | 17.5 | 36 | 38   | 18 | 6.5  |
| VCB 050 NE | 50  | 110 | 65  | 35 | 35 | 5 | 90  | 21.75 | 8.5  | 20   | 45 | 46.5 | 21 | 8.5  |
| VCB 063 NE | 63  | 120 | 75  | 35 | 35 | 5 | 100 | 21.75 | 8.5  | 22.5 | 50 | 56.5 | 21 | 8.5  |
| VCB 080 NE | 80  | 153 | 95  | 45 | 45 | 6 | 128 | 27    | 10.5 | 22.5 | 63 | 72   | 27 | 10.5 |
| VCB 100 NE | 100 | 178 | 115 | 45 | 45 | 6 | 148 | 26.5  | 10.5 | 27.5 | 71 | 89   | 27 | 10.5 |

Materiale: Acciaio

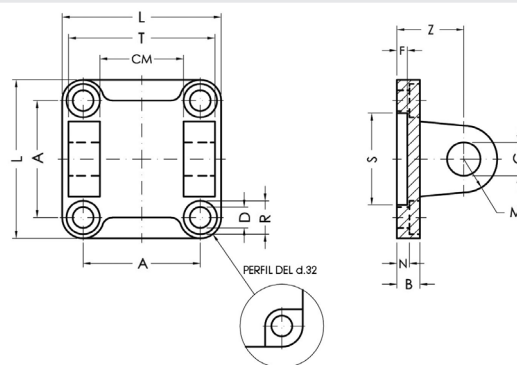
**VCF - CERNIERA FEMMINA**


| Code ●    | Code ■   | Ø   | B  | E   | G  | T   | Z  | CM | MR |
|-----------|----------|-----|----|-----|----|-----|----|----|----|
| * VCF 032 | VCFI 032 | 32  | 9  | 45  | 10 | 45  | 22 | 26 | 10 |
| * VCF 040 | VCFI 040 | 40  | 9  | 52  | 12 | 52  | 25 | 28 | 12 |
| * VCF 050 | VCFI 050 | 50  | 11 | 65  | 12 | 60  | 27 | 32 | 12 |
| * VCF 063 | VCFI 063 | 63  | 11 | 75  | 16 | 70  | 32 | 40 | 16 |
| * VCF 080 | VCFI 080 | 80  | 14 | 95  | 16 | 90  | 36 | 50 | 16 |
| * VCF 100 | VCFI 100 | 100 | 14 | 115 | 20 | 110 | 41 | 60 | 20 |
| * VCF 125 | VCFI 125 | 125 | 20 | 140 | 25 | 130 | 50 | 70 | 25 |

● Materiale: Alluminio

■ Materiale: Inox

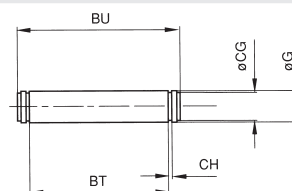
\* Con boccole autolubrificanti

**FISSAGGI E ACCESSORI SERIE L - CILINDRI ISO 15552**
**VCH - CERNIERA FEMMINA**


| Code    | Code ♦      | Ø   | A    | L   | D   | R  | N   | B  | S  | F | Z  | G  | M  | CM | T   |
|---------|-------------|-----|------|-----|-----|----|-----|----|----|---|----|----|----|----|-----|
| VCH 032 | VCHZ 032 NE | 32  | 32,5 | 45  | 6,6 | 11 | 5,5 | 9  | 30 | 5 | 22 | 10 | 10 | 26 | 45  |
| VCH 040 | VCHZ 040 NE | 40  | 38   | 52  | 6,6 | 11 | 5,5 | 9  | 35 | 5 | 25 | 12 | 12 | 28 | 52  |
| VCH 050 | VCHZ 050 NE | 50  | 46,5 | 65  | 9   | 15 | 6,5 | 11 | 40 | 5 | 27 | 12 | 12 | 32 | 60  |
| VCH 063 | VCHZ 063 NE | 63  | 56,5 | 75  | 9   | 15 | 6,5 | 11 | 45 | 5 | 32 | 16 | 16 | 40 | 70  |
| VCH 080 | VCHZ 080 NE | 80  | 72   | 95  | 11  | 18 | 10  | 14 | 45 | 5 | 36 | 16 | 16 | 50 | 90  |
| VCH 100 | VCHZ 100 NE | 100 | 89   | 115 | 11  | 18 | 10  | 14 | 55 | 5 | 41 | 20 | 20 | 60 | 110 |
| VCH 125 | VCHZ 125 NE | 125 | 110  | 140 | 14  | 20 | 10  | 20 | 60 | 7 | 50 | 25 | 25 | 70 | 130 |

● Materiale: Alluminio

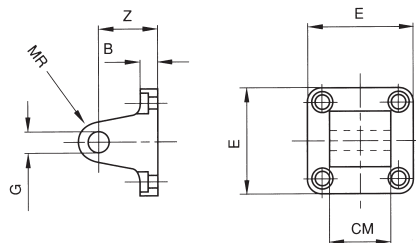
♦ Materiale: Acciaio

**VPE - PERNO PER CERNIERA CON SEEGER**


| Code ●  | Code ■   | Ø   | G  | BT  | BU  | CG   | CH  |
|---------|----------|-----|----|-----|-----|------|-----|
| VPE 032 | VPEI 032 | 32  | 10 | 46  | 53  | 9,6  | 1,1 |
| VPE 040 | VPEI 040 | 40  | 12 | 53  | 60  | 11,5 | 1,1 |
| VPE 050 | VPEI 050 | 50  | 12 | 61  | 68  | 11,5 | 1,1 |
| VPE 063 | VPEI 063 | 63  | 16 | 71  | 78  | 15,2 | 1,1 |
| VPE 080 | VPEI 080 | 80  | 16 | 91  | 98  | 15,2 | 1,1 |
| VPE 100 | VPEI 100 | 100 | 20 | 111 | 118 | 19   | 1,3 |
| VPE 125 | VPEI 125 | 125 | 25 | 132 | 139 | 23,9 | 1,3 |

● Materiale: Acciaio

■ Materiale: Inox

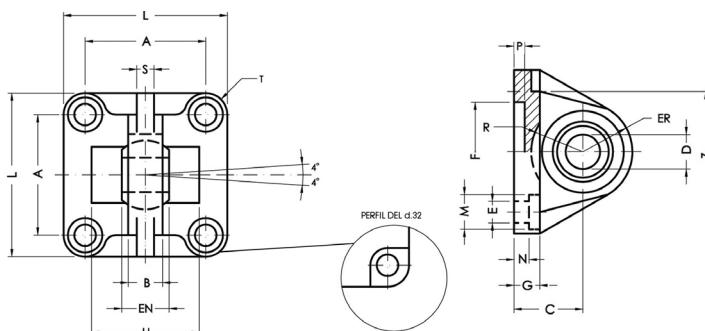
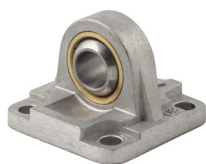
**VCM - CERNIERA MASCHIO**


| Code ●  | Code ■   | Code ♦      | Ø   | B  | E   | G  | Z  | CM | MR |
|---------|----------|-------------|-----|----|-----|----|----|----|----|
| VCM 032 | VCMI 032 | VCMZ 032 NE | 32  | 9  | 45  | 10 | 22 | 26 | 10 |
| VCM 040 | VCMI 040 | VCMZ 040 NE | 40  | 9  | 52  | 12 | 25 | 28 | 12 |
| VCM 050 | VCMI 050 | VCMZ 050 NE | 50  | 11 | 65  | 12 | 27 | 32 | 12 |
| VCM 063 | VCMI 063 | VCMZ 063 NE | 63  | 11 | 75  | 16 | 32 | 40 | 16 |
| VCM 080 | VCMI 080 | VCMZ 080 NE | 80  | 14 | 95  | 16 | 36 | 50 | 16 |
| VCM 100 | VCMI 100 | VCMZ 100 NE | 100 | 14 | 115 | 20 | 41 | 60 | 20 |
| VCM 125 | VCMI 125 | VCMZ 125 NE | 125 | 20 | 140 | 25 | 50 | 70 | 25 |

● Materiale: Alluminio con boccole autolubrificanti

■ Materiale: Inox

♦ Materiale: Acciaio

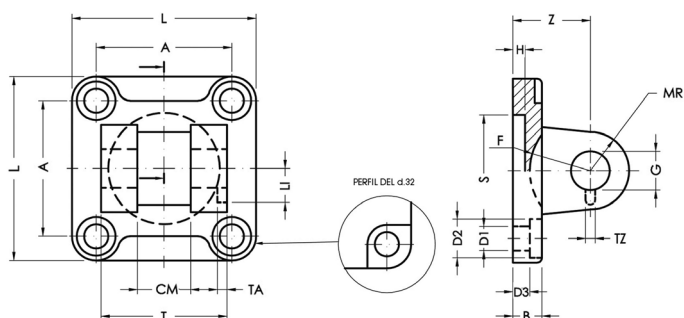
**FISSAGGI E ACCESSORI SERIE L - CILINDRI ISO 15552**
**VCS - CERNIERA MASCHIO STRETTA CON TESTINA SNODATA DIN648K**


| Code ●  | Code ■   | Code ◆      | Ø   | A    | B    | C  | D  | EN | ER   | F  | G  | E    | L   | M  | N   | P | H  | R  | S  | Z    | T    |
|---------|----------|-------------|-----|------|------|----|----|----|------|----|----|------|-----|----|-----|---|----|----|----|------|------|
| VCS 032 | VCSI 032 | VCSZ 032 NE | 32  | 32.5 | 10.5 | 22 | 10 | 14 | 16   | 30 | 9  | 6.6  | 45  | 11 | 5.5 | 5 | -  | -  | 4  | 32.5 | 6.25 |
| VCS 040 | VCSI 040 | VCSZ 040 NE | 40  | 38   | 12   | 25 | 12 | 16 | 19   | 35 | 9  | 6.6  | 52  | 11 | 5.5 | 5 | -  | -  | 6  | 39   | 7    |
| VCS 050 | VCSI 050 | VCSZ 050 NE | 50  | 46.5 | 15   | 27 | 16 | 21 | 21   | 40 | 11 | 9    | 65  | 15 | 6.5 | 5 | 51 | 18 | 8  | 47   | 9.25 |
| VCS 063 | VCSI 063 | VCSZ 063 NE | 63  | 56.5 | 15   | 32 | 16 | 21 | 24   | 45 | 11 | 9    | 75  | 15 | 6.5 | 5 | -  | -  | 8  | 52   | 9.25 |
| VCS 080 | VCSI 080 | VCSZ 080 NE | 80  | 72   | 18   | 36 | 20 | 25 | 28.5 | 45 | 14 | 11   | 95  | 18 | 10  | 5 | 72 | 24 | 10 | 67   | 11.5 |
| VCS 100 | VCSI 100 | VCSZ 100 NE | 100 | 89   | 18   | 41 | 20 | 25 | 30   | 55 | 14 | 11   | 115 | 18 | 10  | 8 | -  | -  | 10 | 77   | 13   |
| VCS 125 | VCSI 125 | VCSZ 125 NE | 125 | 110  | 25   | 50 | 30 | 37 | 40   | 60 | 20 | 13.5 | 140 | 20 | 10  | 7 | -  | -  | 13 | 98   | 15   |

● Materiale: Alluminio

■ Materiale: Inox

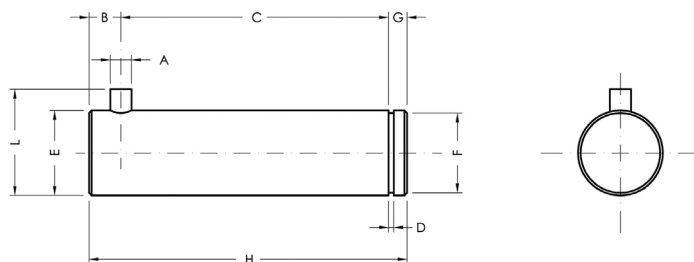
◆ Materiale: Acciaio

**VCD - CERNIERA FEMMINA STRETTA PER ARTICOLAZIONE A SQUADRA CON TESTINA SNODATA DIN648K**


| Code ●  | Code ◆      | Ø   | L   | T  | CM | A    | Z  | H | B  | D3  | S  | G  | MR | D1  | D2 | TA | TZ  | LI   | F  |
|---------|-------------|-----|-----|----|----|------|----|---|----|-----|----|----|----|-----|----|----|-----|------|----|
| VCD 032 | VCDZ 032 NE | 32  | 45  | 34 | 14 | 32.5 | 22 | 5 | 9  | 5.5 | 30 | 10 | 10 | 6.6 | 11 | 3  | 3.3 | 11.5 | 17 |
| VCD 040 | VCDZ 040 NE | 40  | 52  | 40 | 16 | 38   | 25 | 5 | 9  | 5.5 | 35 | 12 | 12 | 6.6 | 11 | 4  | 4.3 | 12   | 20 |
| VCD 050 | VCDZ 050 NE | 50  | 65  | 45 | 21 | 46.5 | 27 | 5 | 11 | 6.5 | 40 | 16 | 14 | 9   | 15 | 4  | 4.3 | 14   | 22 |
| VCD 063 | VCDZ 063 NE | 63  | 75  | 51 | 21 | 56.5 | 32 | 5 | 11 | 6.5 | 45 | 16 | 18 | 9   | 15 | 4  | 4.3 | 14   | 25 |
| VCD 080 | VCDZ 080 NE | 80  | 95  | 65 | 25 | 72   | 36 | 5 | 14 | 10  | 45 | 20 | 20 | 11  | 18 | 4  | 4.3 | 16   | 30 |
| VCD 100 | VCDZ 100 NE | 100 | 115 | 75 | 25 | 89   | 41 | 5 | 14 | 10  | 55 | 20 | 22 | 11  | 18 | 4  | 6.3 | 16   | 32 |
| VCD 125 | VCDZ 125 NE | 125 | 140 | 97 | 37 | 110  | 50 | 7 | 20 | 10  | 60 | 30 | 25 | 14  | 20 | 6  | 6.3 | 24   | 42 |

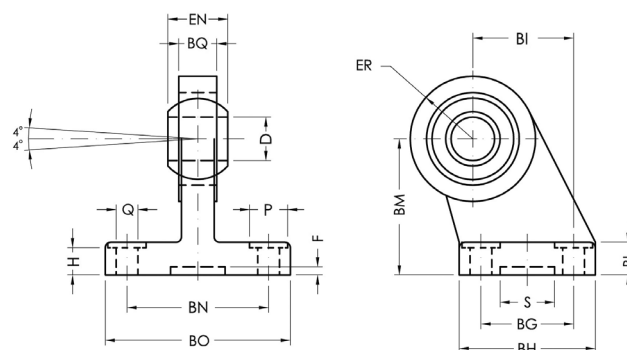
● Materiale: Alluminio

◆ Materiale: Acciaio

**FISSAGGI E ACCESSORI SERIE L - CILINDRI ISO 15552**
**VPS - PERNO ANTIROTAZIONE PER CERNIERA FEMMINA STRETTA VCD**


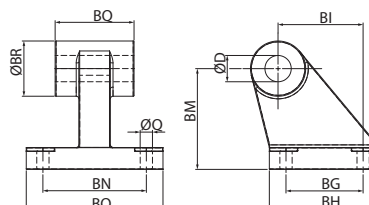
| Code ●  | Code ■   | Ø   | A | C    | D   | E  | F    | G | H   | L  | B   |
|---------|----------|-----|---|------|-----|----|------|---|-----|----|-----|
| VPS 032 | VPSI 032 | 32  | 3 | 32.5 | 1.1 | 10 | 9.6  | 4 | 41  | 14 | 4.5 |
| VPS 040 | VPSI 040 | 40  | 4 | 38   | 1.1 | 12 | 11.5 | 4 | 48  | 16 | 6   |
| VPS 050 | VPSI 050 | 50  | 4 | 43   | 1.1 | 16 | 15.2 | 5 | 54  | 20 | 6   |
| VPS 063 | VPSI 063 | 63  | 4 | 49   | 1.1 | 16 | 15.2 | 5 | 54  | 20 | 6   |
| VPS 080 | VPSI 080 | 80  | 4 | 63   | 1.3 | 20 | 19   | 6 | 75  | 24 | 6   |
| VPS 100 | VPSI 100 | 100 | 4 | 73   | 1.3 | 20 | 19   | 6 | 85  | 24 | 6   |
| VPS 125 | VPSI 125 | 125 | 6 | 94   | 1.6 | 30 | 28.6 | 7 | 110 | 36 | 9   |

- Materiale: Acciaio
- Materiale: Inox

**VADZ - ARTICOLAZIONE A SQUADRA CON TESTINA SNODATA DIN648K**


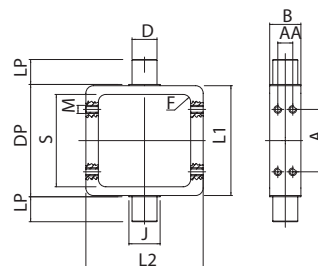
| Code        | Ø   | Q    | P  | BG | BH | BI | BL | BM | BN | BO  | EN | ER | BQ   | D  | H    | S  | F |
|-------------|-----|------|----|----|----|----|----|----|----|-----|----|----|------|----|------|----|---|
| VADZ 032 NE | 32  | 6.6  | 11 | 18 | 31 | 21 | 10 | 32 | 38 | 51  | 14 | 15 | 10.5 | 10 | 8.5  | 20 | 3 |
| VADZ 040 NE | 40  | 6.6  | 11 | 22 | 35 | 24 | 10 | 36 | 41 | 54  | 16 | 18 | 12   | 12 | 8.5  | 20 | 3 |
| VADZ 050 NE | 50  | 9    | 15 | 30 | 45 | 33 | 12 | 45 | 50 | 65  | 21 | 20 | 15   | 16 | 10.5 | 20 | 3 |
| VADZ 063 NE | 63  | 9    | 15 | 35 | 50 | 37 | 12 | 50 | 52 | 67  | 21 | 23 | 15   | 16 | 10.5 | 20 | 3 |
| VADZ 080 NE | 80  | 11   | 18 | 40 | 60 | 47 | 14 | 63 | 66 | 86  | 25 | 27 | 18   | 20 | 11.5 | 20 | 3 |
| VADZ 100 NE | 100 | 11   | 18 | 50 | 70 | 55 | 15 | 71 | 76 | 96  | 25 | 30 | 18   | 20 | 12.5 | 20 | 3 |
| VADZ 125 NE | 125 | 13.5 | 20 | 60 | 90 | 70 | 20 | 90 | 94 | 124 | 37 | 40 | 25   | 30 | 17   | 20 | 3 |

Materiale: acciaio / trattamento: Cataforesi nera

**VAS - ARTICOLAZIONE A SQUADRA**


| Code ●  | Code ■   | Ø   | Q   | BG | BH | BI | BM | BN | BO  | BQ | BR | ØD |
|---------|----------|-----|-----|----|----|----|----|----|-----|----|----|----|
| VAS 032 | VASI 032 | 32  | 6.6 | 18 | 31 | 21 | 32 | 38 | 51  | 26 | 20 | 10 |
| VAS 040 | VASI 040 | 40  | 6.6 | 22 | 35 | 24 | 36 | 41 | 54  | 28 | 22 | 12 |
| VAS 050 | VASI 050 | 50  | 9   | 30 | 45 | 33 | 45 | 50 | 65  | 32 | 26 | 12 |
| VAS 063 | VASI 063 | 63  | 9   | 35 | 50 | 37 | 50 | 52 | 67  | 40 | 30 | 16 |
| VAS 080 | VASI 080 | 80  | 11  | 40 | 60 | 47 | 63 | 66 | 86  | 50 | 30 | 16 |
| VAS 100 | VASI 100 | 100 | 11  | 50 | 70 | 55 | 71 | 76 | 96  | 60 | 38 | 20 |
| VAS 125 | VASI 125 | 125 | 14  | 60 | 90 | 70 | 90 | 94 | 124 | 70 | 45 | 25 |

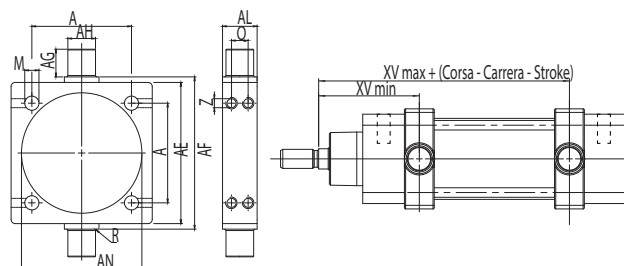
- Materiale: Alluminio
- Materiale: Inox

**FISSAGGI E ACCESSORI SERIE L - CILINDRI ISO 15552**
**LCN - CERNIERA INTERMEDIA**


| Code           | Ø          | L2  | S     | L1  | D  | J  | F | B  | A    | LP | M   | AA | DP  |
|----------------|------------|-----|-------|-----|----|----|---|----|------|----|-----|----|-----|
| <b>LCN 032</b> | <b>32</b>  | 65  | 46    | -   | 12 | -  | 5 | 20 | 32.5 | 12 | M5  | 7  | 50  |
| <b>LCN 040</b> | <b>40</b>  | 75  | 54.5  | 62  | 16 | 20 | 4 | 20 | 38   | 16 | M5  | 8  | 63  |
| <b>LCN 050</b> | <b>50</b>  | 90  | 64.5  | 74  | 16 | 20 | 6 | 20 | 46.5 | 16 | M6  | 8  | 75  |
| <b>LCN 063</b> | <b>63</b>  | 100 | 74.5  | 88  | 20 | 25 | 6 | 25 | 56.5 | 20 | M6  | 12 | 90  |
| <b>LCN 080</b> | <b>80</b>  | 130 | 94.5  | 109 | 20 | 25 | 7 | 25 | 72   | 20 | M8  | 12 | 110 |
| <b>LCN 100</b> | <b>100</b> | 140 | 111.5 | 130 | 25 | 30 | 8 | 30 | 80   | 25 | M8  | 15 | 132 |
| <b>LCN 125</b> | <b>125</b> | 150 | 135.3 | 155 | 25 | 30 | 8 | 30 | 110  | 25 | M10 | 15 | 160 |

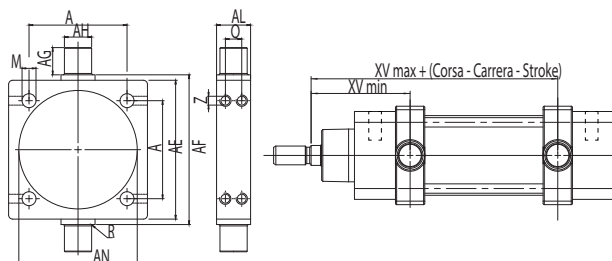
Materiale: Acciaio

Per montaggio è necessario rimuovere testata cilindro.

**VCNT - CERNIERA INTERMEDIA PER TIRANTI FILETTATI**


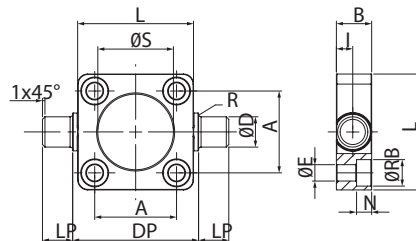
| Code            | Ø          | TD | TG   | TK | TL | TM  | UW  | XV min | XV max | RT  |
|-----------------|------------|----|------|----|----|-----|-----|--------|--------|-----|
| <b>VCNT 032</b> | <b>32</b>  | 12 | 32.5 | 15 | 12 | 50  | 46  | 61.5   | 84.5   | M6  |
| <b>VCNT 040</b> | <b>40</b>  | 16 | 38   | 20 | 16 | 63  | 59  | 71.5   | 93.5   | M6  |
| <b>VCNT 050</b> | <b>50</b>  | 16 | 46.5 | 20 | 16 | 75  | 69  | 78.5   | 101.5  | M8  |
| <b>VCNT 063</b> | <b>63</b>  | 20 | 56.5 | 25 | 20 | 90  | 84  | 84.5   | 110.5  | M8  |
| <b>VCNT 080</b> | <b>80</b>  | 20 | 72   | 25 | 20 | 110 | 102 | 94.5   | 125.5  | M10 |
| <b>VCNT 100</b> | <b>100</b> | 25 | 89   | 30 | 25 | 132 | 125 | 107.5  | 133.5  | M10 |
| <b>VCNT 125</b> | <b>125</b> | 25 | 110  | 32 | 25 | 160 | 155 | 126    | 163    | M12 |

Materiale: Acciaio

**VCNL - CERNIERA INTERMEDIA PER TIRANTI LISCI**


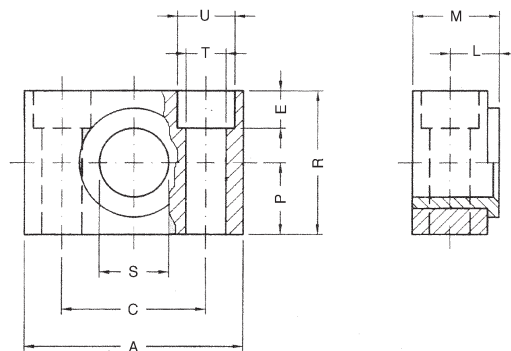
| Code            | Ø          | A    | AE  | AL | AH | AG | AF  | AN    | R   | M     | Q  | Z   | XV min | XV max |
|-----------------|------------|------|-----|----|----|----|-----|-------|-----|-------|----|-----|--------|--------|
| <b>VCNL 032</b> | <b>32</b>  | 32.5 | 46  | 15 | 12 | 12 | 50  | 37    | 1   | 6,25  | 7  | M5  | 61,5   | 84,5   |
| <b>VCNL 040</b> | <b>40</b>  | 38   | 59  | 20 | 16 | 16 | 63  | 46    | 1,5 | 6,25  | 8  | M5  | 71,5   | 93,5   |
| <b>VCNL 050</b> | <b>50</b>  | 46,5 | 69  | 20 | 16 | 16 | 75  | 56    | 1,6 | 8,25  | 8  | M6  | 78,5   | 101,5  |
| <b>VCNL 063</b> | <b>63</b>  | 56,5 | 84  | 25 | 20 | 20 | 90  | 69    | 1,6 | 8,25  | 12 | M6  | 84,5   | 110,5  |
| <b>VCNL 080</b> | <b>80</b>  | 72   | 102 | 25 | 20 | 20 | 110 | 87    | 1,6 | 10,25 | 12 | M8  | 94,5   | 125,5  |
| <b>VCNL 100</b> | <b>100</b> | 89   | 125 | 30 | 25 | 25 | 132 | 107   | 2   | 10,25 | 15 | M8  | 107,5  | 133,5  |
| <b>VCNL 125</b> | <b>125</b> | 110  | 155 | 32 | 25 | 25 | 160 | 133,5 | 2   | 12,25 | 15 | M10 | 126    | 163    |

Materiale: Acciaio

**FISSAGGI E ACCESSORI SERIE L - CILINDRI ISO 15552**
**VCNF - CERNIERA ANTERIORE - POSTERIORE**


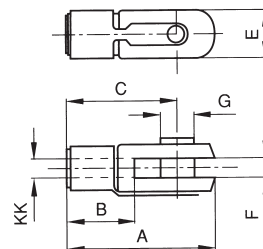
| Code            | Ø          | A    | L   | DP  | LP | D  | S  | B  | R   | I    | E    | RB   | N  | XV max |
|-----------------|------------|------|-----|-----|----|----|----|----|-----|------|------|------|----|--------|
| <b>VCNF 032</b> | <b>32</b>  | 32,5 | 46  | 50  | 12 | 12 | 30 | 14 | 1   | 6,5  | 6,5  | 10,5 | 6  | 84,5   |
| <b>VCNF 040</b> | <b>40</b>  | 38   | 59  | 63  | 16 | 16 | 35 | 19 | 1,5 | 9    | 6,5  | 10,5 | 6  | 93,5   |
| <b>VCNF 050</b> | <b>50</b>  | 46,5 | 69  | 75  | 16 | 16 | 40 | 19 | 1,6 | 9    | 8,5  | 13,5 | 8  | 101,5  |
| <b>VCNF 063</b> | <b>63</b>  | 56,5 | 84  | 90  | 20 | 20 | 45 | 24 | 1,6 | 11,5 | 8,5  | 13,5 | 8  | 110,5  |
| <b>VCNF 080</b> | <b>80</b>  | 72   | 102 | 110 | 20 | 20 | 45 | 24 | 1,6 | 11,5 | 10,5 | 16,5 | 10 | 125,5  |
| <b>VCNF 100</b> | <b>100</b> | 89   | 125 | 132 | 25 | 25 | 55 | 29 | 2   | 14   | 10,5 | 16,5 | 10 | 133,5  |
| <b>VCNF 125</b> | <b>125</b> | 110  | 150 | 160 | 25 | 25 | 60 | 30 | 2   | 15   | 13,5 | 20   | 12 | 163    |

Materiale: Acciaio

**VSI - SUPPORTO CERNIERA INTERMEDIA**


| Code           | Ø                | A  | M    | R  | P  | C  | S  | L    | U  | T   | E  |
|----------------|------------------|----|------|----|----|----|----|------|----|-----|----|
| <b>VSI 032</b> | <b>32</b>        | 46 | 18   | 30 | 15 | 32 | 12 | 10,5 | 11 | 6,6 | 7  |
| <b>VSI 040</b> | <b>40 - 50</b>   | 55 | 21   | 36 | 18 | 36 | 16 | 12   | 15 | 9   | 9  |
| <b>VSI 063</b> | <b>63 - 80</b>   | 65 | 23   | 40 | 20 | 42 | 20 | 13   | 18 | 11  | 11 |
| <b>VSI 100</b> | <b>100 - 125</b> | 75 | 28,5 | 50 | 25 | 50 | 25 | 16   | 20 | 14  | 13 |

Materiale: Acciaio / Consigliato per VCNT - XCN - VCNL - VCNF

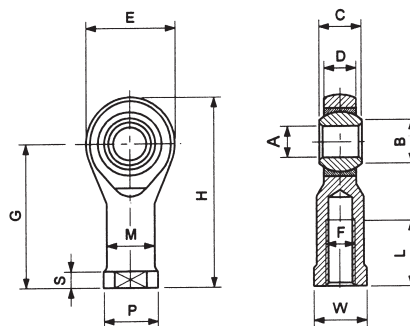
**FC - FORCELLA CON CLIP**


| Code ●          | Code ■           | KK              | A   | B  | C   | E  | F  | G  |
|-----------------|------------------|-----------------|-----|----|-----|----|----|----|
| <b>FC 025</b>   | <b>* FCI 025</b> | <b>M10x1.25</b> | 52  | 20 | 40  | 20 | 10 | 10 |
| <b>FC 040</b>   | <b>* FCI 040</b> | <b>M12x1.25</b> | 62  | 24 | 48  | 24 | 12 | 12 |
| <b>FC 050</b>   | <b>* FCI 050</b> | <b>M16x1.5</b>  | 83  | 32 | 64  | 32 | 16 | 16 |
| <b>FC 080</b>   | <b>* FCI 080</b> | <b>M20x1.5</b>  | 105 | 40 | 80  | 40 | 20 | 20 |
| <b>* FC 125</b> | <b>* FCI 125</b> | <b>M27x2</b>    | 148 | 56 | 110 | 55 | 30 | 30 |

● Materiale: Acciaio

■ Materiale: Inox

\* Con Perno e Seeger

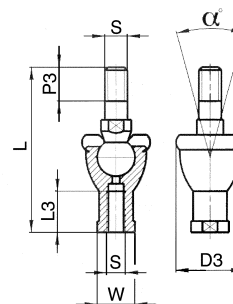
**FISSAGGI E ACCESSORI SERIE L - CILINDRI ISO 15552**
**TF - TESTE DI BIELLA AUTOLUBRIFICANTI**


| Code ● | Code ■  | F        | A  | B    | C     | Spera | D     | E    | G    | H   | L    | M    | P    | S    | W     | Carico radiale<br>D S | Peso  |
|--------|---------|----------|----|------|-------|-------|-------|------|------|-----|------|------|------|------|-------|-----------------------|-------|
|        |         |          | 0  | 0    | 0     |       | ±0.13 | ±0.5 | ±0.5 |     | ±0.7 | ±0.7 | ±0.5 | ±0.7 | ±0.25 | kg                    | kg    |
|        |         |          | H7 |      | -0.13 |       |       |      |      |     |      |      |      |      |       |                       | g     |
| TF 025 | TFI 025 | M10x1,25 | 10 | 12.9 | 14    | 19.05 | 11.5  | 30   | 43   | 58  | 15   | 15   | 19   | 6.5  | 16    | 1.200                 | 88    |
| TF 040 | TFI 040 | M12x1,25 | 12 | 15.4 | 16    | 22.23 | 12.5  | 34   | 50   | 67  | 18   | 17.5 | 22   | 6.5  | 18    | 1.400                 | 120   |
| TF 050 | TFI 050 | M16x1,5  | 16 | 19.3 | 21    | 28.58 | 15.5  | 42   | 64   | 85  | 24   | 22   | 27   | 8    | 24    | 2.500                 | 240   |
| TF 080 | TFI 080 | M20x1,5  | 20 | 24.4 | 25    | 34.93 | 18.5  | 50   | 77   | 102 | 30   | 27.5 | 34   | 10   | 30    | 3.700                 | 430   |
| TF 125 | TFI 125 | M27x2    | 28 | 32.3 | 35    | 47.59 | 26    | 66   | 103  | 136 | 41   | 37   | 46   | 14   | 41    | 7.100                 | 1.120 |

● Materiale: Acciaio

■ Materiale: Inox

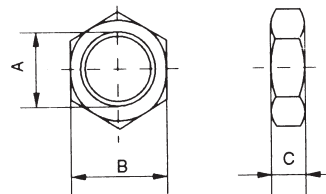
D Dinamico; S Statico

**TS - SNODO ASSIALE**


| Code   | S        | L    | L3 | W  | P3 | D3 | α°  | Carico radiale (kN)<br>S |
|--------|----------|------|----|----|----|----|-----|--------------------------|
| TS 025 | M10x1.25 | 74.5 | 18 | 17 | 15 | 30 | 30° | 16                       |
| TS 040 | M12x1.25 | 84   | 20 | 19 | 17 | 32 | 30° | 22                       |
| TS 050 | M16x1.5  | 112  | 27 | 22 | 23 | 40 | 22° | 33                       |
| TS 080 | M20x1.5  | 133  | 38 | 30 | 25 | 45 | 15° | 37                       |

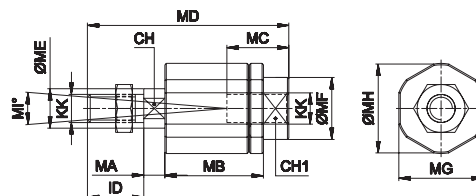
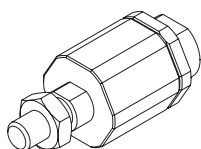
Materiale: Acciaio

S Statico

**FISSAGGI E ACCESSORI SERIE L - CILINDRI ISO 15552**
**DA - DADO PER STELI**


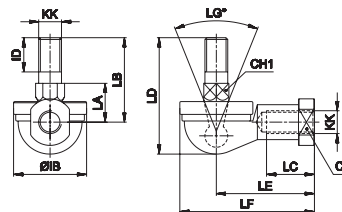
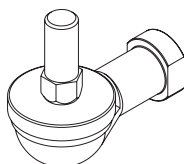
| Code              | A        | B  | C  |
|-------------------|----------|----|----|
| ODA00 00 51 C9 ZI | M10x1.25 | 17 | 8  |
| ODA00 00 51 D5 ZI | M12x1.25 | 19 | 7  |
| ODA00 00 51 E3 ZI | M16x1.5  | 22 | 6  |
| ODA00 00 51 F2 ZI | M20x1.5  | 30 | 9  |
| ODA00 00 51 G8 ZI | M27x2    | 41 | 12 |

Materiale: Acciaio

**KF-24 - SNODO AUTOALLINEANTE**


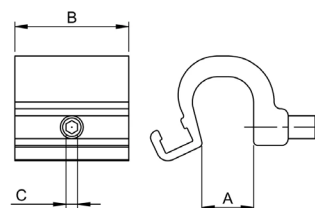
| Code     | Ø        | CH | CH1 | ID  | KK       | MA | MB | MC | MD  | ME | MF | MG | MH | MI° | MASSA |
|----------|----------|----|-----|-----|----------|----|----|----|-----|----|----|----|----|-----|-------|
| KF-24032 | 32       | 12 | 19  | 71  | M10x1.25 | 5  | 35 | 20 | 71  | 14 | 22 | 30 | 32 | 8   | 220   |
| KF-24040 | 40       | 12 | 19  | 75  | M12x1.25 | 5  | 35 | 20 | 75  | 14 | 22 | 30 | 32 | 8   | 220   |
| KF-24050 | 50-63    | 20 | 30  | 103 | M16x1.5  | 8  | 54 | 32 | 103 | 22 | 32 | 41 | 45 | 6   | 660   |
| KF-24080 | 80 - 100 | 20 | 30  | 119 | M20x1.5  | 8  | 54 | 40 | 119 | 22 | 32 | 41 | 45 | 6   | 700   |
| KF-24125 | 125      | 24 | 54  | 54  | M27x2    | 10 | 60 | 48 | 147 | 32 | 57 | 65 | 70 | 8   | 2060  |

Materiale: Acciaio zincato

**KF23 - FORCELLA CON PERNO SNODATO AD ANGOLO**


| Code     | Ø        | CH | CH1 | LG° | KK       | IB | ID | LA<br>±0.3 | LB | LC | LD   | LE | LF | g   |
|----------|----------|----|-----|-----|----------|----|----|------------|----|----|------|----|----|-----|
| KF-23025 | 32       | 17 | 11  | 50  | M10x1.25 | 32 | 15 | 17         | 37 | 21 | 50,5 | 43 | 57 | 110 |
| KF-23040 | 40       | 19 | 17  | 50  | M12x1.25 | 36 | 17 | 19         | 42 | 42 | 57,5 | 50 | 66 | 165 |
| KF-23050 | 50 - 63  | 22 | 19  | 40  | M16x1.5  | 47 | 23 | 23,5       | 60 | 60 | 79,5 | 64 | 84 | 330 |
| KF-23080 | 80 - 100 | 30 | 24  | 32  | M20x1.5  | 58 | 25 | 27         | 68 | 68 | 90   | 77 | 99 | 540 |

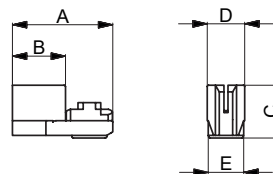
Materiale: Acciaio zincato

**EXF - STAFFA PER SENSORI DSL - DSH - DT**


| Code   | Ø              | A    | B  | C   |
|--------|----------------|------|----|-----|
| EXF032 | 32 - 40        | 7.5  | 25 | 2   |
| EXF050 | 50 - 63        | 11.3 | 25 | 2.5 |
| EXF080 | 80 - 100 - 125 | 15.3 | 25 | 2.5 |

## FISSAGGI E ACCESSORI SERIE L - CILINDRI ISO 15552

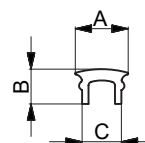
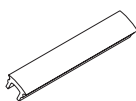
## DF - BLOCCACAVO GUIDA FILO SENSORE DF



| Code   | A  | B   | C   | D   | E   |
|--------|----|-----|-----|-----|-----|
| DF-001 | 15 | 7,8 | 7,9 | 5,8 | 5,5 |

Materiale: Corpo in policarbonato - vite in acciaio cromato

## DHF - BANDELLA COPRIFILO SENSORE DF



| Code       | A | D   | E   |
|------------|---|-----|-----|
| DHF-002010 | 7 | 4,6 | 5,2 |

Materiale: pvc