

# CILINDRI DIN ISO 15552 Ø32-125 INOX

## STAINLESS STEEL DIN ISO 15552 CYLINDERS Ø32-125



|                      |                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------|
| TESTATE<br>COVERS    | ACCIAIO INOX AISI 304<br>AISI 304 STAINLESS STEEL                                                  |
| TUBO<br>TUBE         | ACCIAIO INOX AISI 304<br>AISI 304 STAINLESS STEEL                                                  |
| TIRANTI<br>TIE RODS  | Ø 32-40-50-63-80-100 AISI 316<br>Ø 32-40-50-63-80-100 AISI 316<br>Ø 125 AISI 304<br>Ø 125 AISI 304 |
| GUARNIZIONI<br>SEALS | POLIURETANO + NBR<br>POLYURETHANE + NBR                                                            |
| BRONZINA<br>BUSH     | BRONZO SINTERIZZATO<br>SINTERED BRONZE                                                             |
| ASTA<br>PISTON ROD   | ACCIAIO INOX AISI 316<br>AISI 316 STAINLESS STEEL                                                  |

|                                                |                                                        |                                                                                              |
|------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------------------|
| PRESSIONE DI FUNZIONAMENTO<br>WORKING PRESSURE | TEMPERATURA DI IMPIEGO<br>TEMPERATURE                  | FLUIDO<br>WORKING FLUID                                                                      |
| MAX 10 BAR                                     | -20°C +80°C CON ARIA SECCA<br>-20°C +80°C WITH DRY AIR | ARIA COMPRESSA FILTRATA E LUBRIFICATA E NON<br>FILTERED AND LUBRICATED OR NOT COMPRESSED AIR |

### VERSIONI DISPONIBILI AVAILABLE VERSIONS

CDE\_XF-CDEM\_XF-CDEP\_XF-CDEMP\_XF-CDEA\_XF-CDEMA\_XF-CDEAP\_XF-CDEMAP\_XF

### CORSE STANDARD STANDARD STROKES

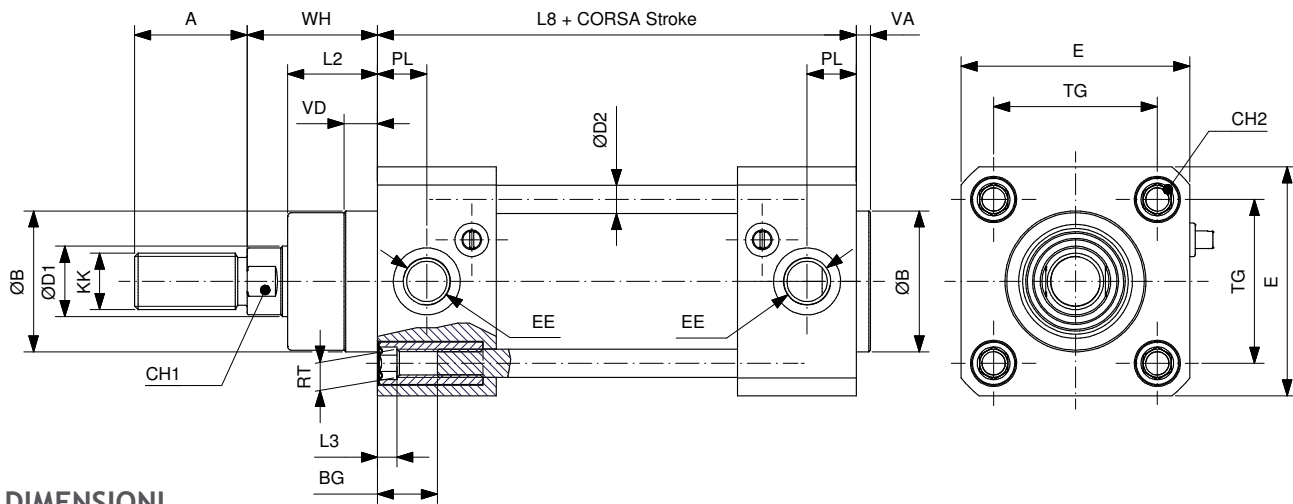
| Ø mm | 10 | 25 | 40 | 50 | 80 | 100 | 125 | 160 | 200 | 250 | 300 | 320 | 400 | 500 |
|------|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 32   | ☒  | ☒  | ☒  | ☒  | ☒  | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   |
| 40   | ☒  | ☒  | ☒  | ☒  | ☒  | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   |
| 50   | ☒  | ☒  | ☒  | ☒  | ☒  | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   |
| 63   | ☒  | ☒  | ☒  | ☒  | ☒  | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   |
| 80   | ☒  | ☒  | ☒  | ☒  | ☒  | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   |
| 100  | ☒  | ☒  | ☒  | ☒  | ☒  | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   |
| 125  | ☒  | ☒  | ☒  | ☒  | ☒  | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   | ☒   |

DOPPIO EFFETTO  
DOUBLE ACTING

# DOPPIO EFFETTO

## DOUBLE ACTING

CDEØ/...XF CDEMØ/...XF



### DIMENSIONI

### DIMENSIONS

| Ømm | ØD1 | ØD2 | KK       | A  | ØB | VD  | VA | L2   | RT  | BG   | L3 | TG   | EE    | PL | WH | L8  | E   | CH1 | CH2 |
|-----|-----|-----|----------|----|----|-----|----|------|-----|------|----|------|-------|----|----|-----|-----|-----|-----|
| 32  | 12  | 6   | M10x1.25 | 22 | 30 | 9.5 | 4  | 18   | M6  | 16.5 | 5  | 32.5 | 1/8"G | 13 | 26 | 94  | 50  | 10  | 6   |
| 40  | 16  | 6   | M12x1.25 | 24 | 35 | 9.5 | 4  | 22   | M6  | 16.5 | 5  | 38   | 1/4"G | 14 | 30 | 105 | 55  | 13  | 6   |
| 50  | 20  | 8   | M16x1.5  | 32 | 40 | 9.5 | 4  | 25.5 | M8  | 17.5 | 5  | 46.5 | 1/4"G | 14 | 37 | 106 | 65  | 17  | 8   |
| 63  | 20  | 8   | M16x1.5  | 32 | 45 | 9.5 | 4  | 25   | M8  | 17.5 | 5  | 56.5 | 3/8"G | 16 | 37 | 121 | 75  | 17  | 8   |
| 80  | 25  | 10  | M20x1.5  | 40 | 45 | 10  | 4  | 35   | M10 | 17.5 | -  | 72   | 3/8"G | 17 | 46 | 128 | 95  | 22  | -   |
| 100 | 25  | 10  | M20x1.5  | 40 | 55 | 10  | 4  | 38   | M10 | 17.5 | -  | 89   | 1/2"G | 18 | 51 | 138 | 110 | 22  | -   |
| 125 | 32  | 12  | M27x2    | 54 | 60 | 11  | 6  | 46   | M12 | 20.5 | -  | 110  | 1/2"G | 18 | 65 | 160 | 140 | 27  | -   |

### FORZE DI TRAZIONE E SPINTA (6 BAR)

### TRACTION AND THRUST FORCES (6 BAR)

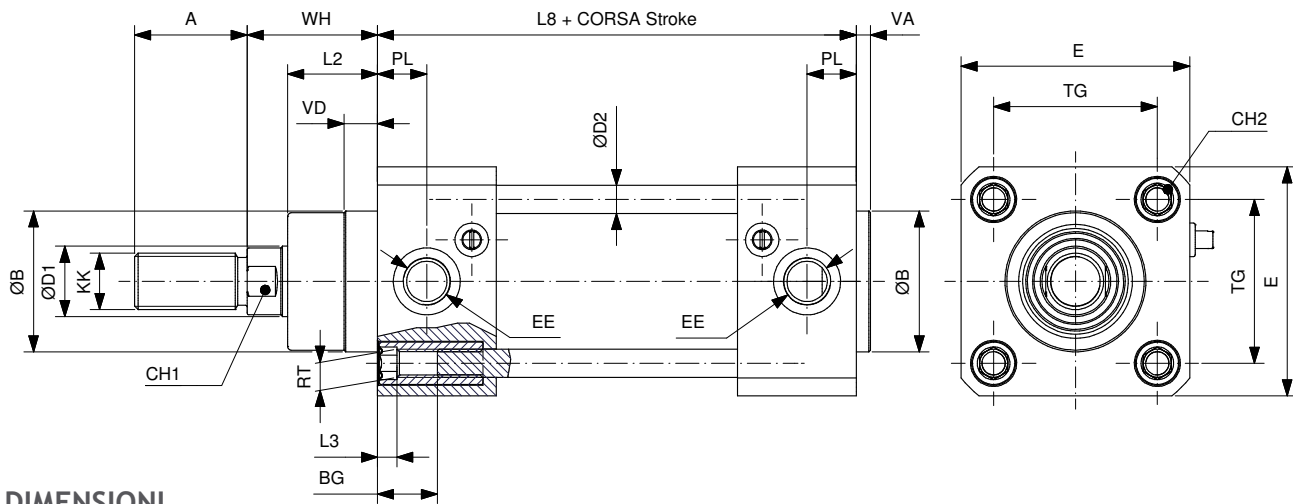
| Ø mm | FORZA DI SPINTA (N)<br>THRUST FORCE (N) | FORZA DI TRAZIONE (N)<br>TRACTION FORCE (N) |
|------|-----------------------------------------|---------------------------------------------|
| 32   | 458                                     | 394                                         |
| 40   | 716                                     | 601                                         |
| 50   | 1180                                    | 939                                         |
| 63   | 1775                                    | 1596                                        |
| 80   | 2863                                    | 2583                                        |
| 100  | 4474                                    | 4194                                        |
| 125  | 6991                                    | 6532                                        |

# DOPPIO EFFETTO AMMORTIZZATO

## DOUBLE ACTING CUSHIONED

CDEAØ/...XF

CDEMAØ/...XF



### DIMENSIONI DIMENSIONS

| Ømm | ØD1 | ØD2 | KK       | A  | ØB | VD  | VA | L2   | RT  | BG   | L3 | TG   | EE    | PL | WH | L8  | E   | CH1 | CH2 |
|-----|-----|-----|----------|----|----|-----|----|------|-----|------|----|------|-------|----|----|-----|-----|-----|-----|
| 32  | 12  | 6   | M10x1.25 | 22 | 30 | 9.5 | 4  | 18   | M6  | 16.5 | 5  | 32.5 | 1/8"G | 13 | 26 | 94  | 50  | 10  | 6   |
| 40  | 16  | 6   | M12x1.25 | 24 | 35 | 9.5 | 4  | 22   | M6  | 16.5 | 5  | 38   | 1/4"G | 14 | 30 | 105 | 55  | 13  | 6   |
| 50  | 20  | 8   | M16x1.5  | 32 | 40 | 9.5 | 4  | 25.5 | M8  | 17.5 | 5  | 46.5 | 1/4"G | 14 | 37 | 106 | 65  | 17  | 8   |
| 63  | 20  | 8   | M16x1.5  | 32 | 45 | 9.5 | 4  | 25   | M8  | 17.5 | 5  | 56.5 | 3/8"G | 16 | 37 | 121 | 75  | 17  | 8   |
| 80  | 25  | 10  | M20x1.5  | 40 | 45 | 10  | 4  | 35   | M10 | 17.5 | -  | 72   | 3/8"G | 17 | 46 | 128 | 95  | 22  | -   |
| 100 | 25  | 10  | M20x1.5  | 40 | 55 | 10  | 4  | 38   | M10 | 17.5 | -  | 89   | 1/2"G | 18 | 51 | 138 | 110 | 22  | -   |
| 125 | 32  | 12  | M27x2    | 54 | 60 | 11  | 6  | 46   | M12 | 20.5 | -  | 110  | 1/2"G | 18 | 65 | 160 | 140 | 27  | -   |

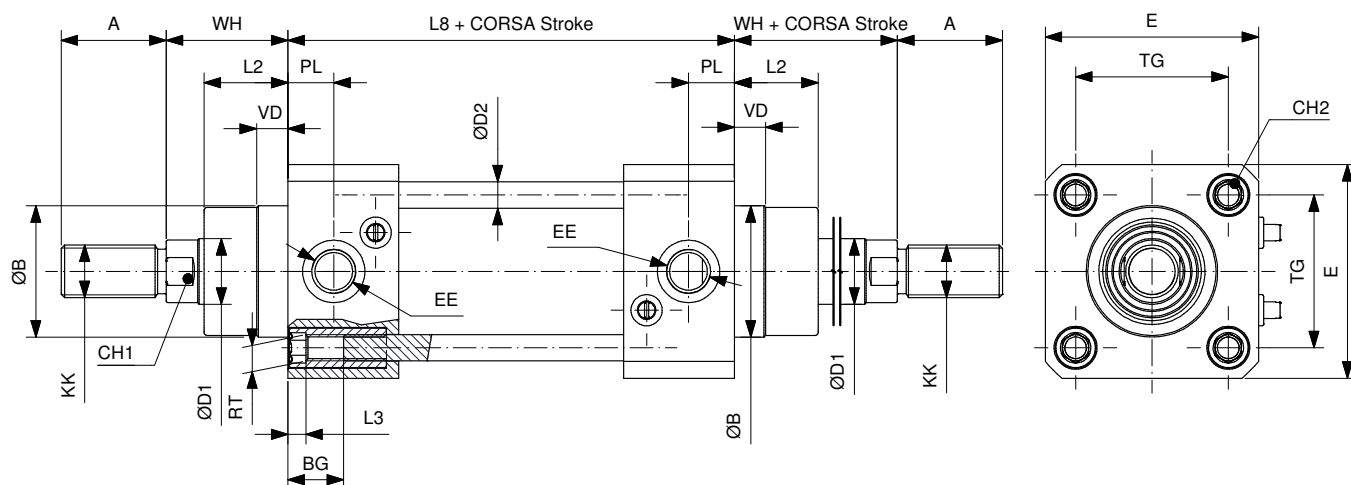
### FORZE DI TRAZIONE E SPINTA (6 BAR) TRACTION AND THRUST FORCES (6 BAR)

| Ø mm | FORZA DI SPINTA (N)<br>THRUST FORCE (N) | FORZA DI TRAZIONE (N)<br>TRACTION FORCE (N) |
|------|-----------------------------------------|---------------------------------------------|
| 32   | 458                                     | 394                                         |
| 40   | 716                                     | 601                                         |
| 50   | 1180                                    | 939                                         |
| 63   | 1775                                    | 1596                                        |
| 80   | 2863                                    | 2583                                        |
| 100  | 4474                                    | 4194                                        |
| 125  | 6991                                    | 6532                                        |

# DOPPIO EFFETTO STELO PASSANTE

## DOUBLE ACTING THROUGH PISTON ROD

CDEPØ/...XF CDEMPØ/...XF



### DIMENSIONI DIMENSIONS

| Ømm | ØD1 | ØD2 | KK       | A  | ØB | VD  | L2   | RT  | BG   | L3 | TG   | EE    | PL | WH | L8  | E   | CH1 | CH2 |
|-----|-----|-----|----------|----|----|-----|------|-----|------|----|------|-------|----|----|-----|-----|-----|-----|
| 32  | 12  | 6   | M10x1.25 | 22 | 30 | 9.5 | 18   | M6  | 16.5 | 5  | 32.5 | 1/8"G | 13 | 26 | 94  | 50  | 10  | 6   |
| 40  | 16  | 6   | M12x1.25 | 24 | 35 | 9.5 | 22   | M6  | 16.5 | 5  | 38   | 1/4"G | 14 | 30 | 105 | 55  | 13  | 6   |
| 50  | 20  | 8   | M16x1.5  | 32 | 40 | 9.5 | 25.5 | M8  | 17.5 | 5  | 46.5 | 1/4"G | 14 | 37 | 106 | 65  | 17  | 8   |
| 63  | 20  | 8   | M16x1.5  | 32 | 45 | 9.5 | 25   | M8  | 17.5 | 5  | 56.5 | 3/8"G | 16 | 37 | 121 | 75  | 17  | 8   |
| 80  | 25  | 10  | M20x1.5  | 40 | 45 | 10  | 35   | M10 | 17.5 | -  | 72   | 3/8"G | 17 | 46 | 128 | 95  | 22  | -   |
| 100 | 25  | 10  | M20x1.5  | 40 | 55 | 10  | 38   | M10 | 17.5 | -  | 89   | 1/2"G | 18 | 51 | 138 | 110 | 22  | -   |
| 125 | 32  | 12  | M27x2    | 54 | 60 | 11  | 46   | M12 | 20.5 | -  | 110  | 1/2"G | 18 | 65 | 160 | 140 | 27  | -   |

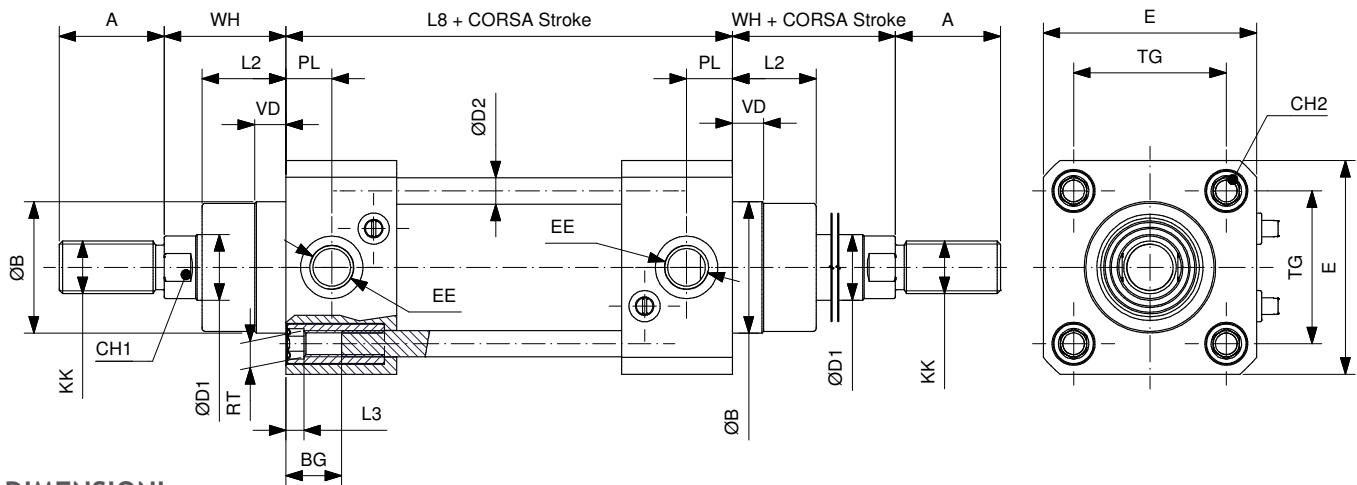
### FORZE DI TRAZIONE E SPINTA (6 BAR) TRACTION AND THRUST FORCES (6 BAR)

| Ø mm | FORZA DI SPINTA (N)<br>THRUST FORCE (N) | FORZA DI TRAZIONE (N)<br>TRACTION FORCE (N) |
|------|-----------------------------------------|---------------------------------------------|
| 32   | 394                                     | 394                                         |
| 40   | 601                                     | 601                                         |
| 50   | 939                                     | 939                                         |
| 63   | 1596                                    | 1596                                        |
| 80   | 2583                                    | 2583                                        |
| 100  | 4194                                    | 4194                                        |
| 125  | 6532                                    | 6532                                        |

# DOPPIO EFFETTO AMMORTIZZATO STELO PASSANTE

## DOUBLE ACTING CUSHIONED THROUGH PISTON ROD

CDEAPØ/...XF CDEMAPØ/...XF

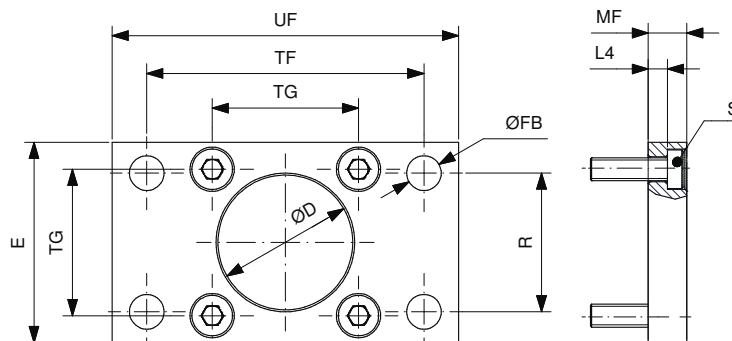


### DIMENSIONI DIMENSIONS

| Ømm | ØD1 | ØD2 | KK       | A  | ØB | VD  | L2   | RT  | BG   | L3 | TG   | EE    | PL | WH | L8  | E   | CH1 | CH2 |
|-----|-----|-----|----------|----|----|-----|------|-----|------|----|------|-------|----|----|-----|-----|-----|-----|
| 32  | 12  | 6   | M10x1.25 | 22 | 30 | 9.5 | 18   | M6  | 16.5 | 5  | 32.5 | 1/8"G | 13 | 26 | 94  | 50  | 10  | 6   |
| 40  | 16  | 6   | M12x1.25 | 24 | 35 | 9.5 | 22   | M6  | 16.5 | 5  | 38   | 1/4"G | 14 | 30 | 105 | 55  | 13  | 6   |
| 50  | 20  | 8   | M16x1.5  | 32 | 40 | 9.5 | 25.5 | M8  | 17.5 | 5  | 46.5 | 1/4"G | 14 | 37 | 106 | 65  | 17  | 8   |
| 63  | 20  | 8   | M16x1.5  | 32 | 45 | 9.5 | 25   | M8  | 17.5 | 5  | 56.5 | 3/8"G | 16 | 37 | 121 | 75  | 17  | 8   |
| 80  | 25  | 10  | M20x1.5  | 40 | 45 | 10  | 35   | M10 | 17.5 | -  | 72   | 3/8"G | 17 | 46 | 128 | 95  | 22  | -   |
| 100 | 25  | 10  | M20x1.5  | 40 | 55 | 10  | 38   | M10 | 17.5 | -  | 89   | 1/2"G | 18 | 51 | 138 | 110 | 22  | -   |
| 125 | 32  | 12  | M27x2    | 54 | 60 | 11  | 46   | M12 | 20.5 | -  | 110  | 1/2"G | 18 | 65 | 160 | 140 | 27  | -   |

### FORZE DI TRAZIONE E SPINTA (6 BAR) TRACTION AND THRUST FORCES (6 BAR)

| Ø mm | FORZA DI SPINTA (N)<br>THRUST FORCE (N) | FORZA DI TRAZIONE (N)<br>TRACTION FORCE (N) |
|------|-----------------------------------------|---------------------------------------------|
| 32   | 394                                     | 394                                         |
| 40   | 601                                     | 601                                         |
| 50   | 939                                     | 939                                         |
| 63   | 1596                                    | 1596                                        |
| 80   | 2583                                    | 2583                                        |
| 100  | 4194                                    | 4194                                        |
| 125  | 6532                                    | 6532                                        |



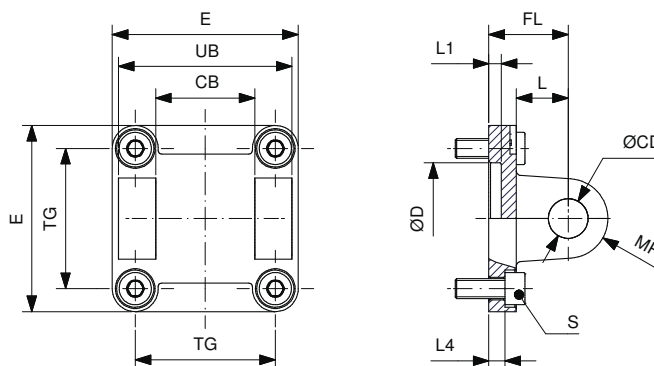
MATERIALE: ACCIAIO AISI 304  
MATERIAL: AISI 304 STEEL

### FLANGIA / FLANGE (MF1-MF2)

| Ø mm | TG   | ØD | ØFB | R  | TF  | L4   | S      | UF  | E   | MF | CODICE/CODE |
|------|------|----|-----|----|-----|------|--------|-----|-----|----|-------------|
| 32   | 32.5 | 30 | 7   | 32 | 64  | 5    | M6x20  | 80  | 45  | 10 | AFP32XI     |
| 40   | 38   | 35 | 9   | 36 | 72  | 5    | M6x20  | 90  | 52  | 10 | AFP40XI     |
| 50   | 46.5 | 40 | 9   | 45 | 90  | 6.5  | M8x20  | 110 | 65  | 12 | AFP50XI     |
| 63   | 56.5 | 45 | 9   | 50 | 100 | 6.5  | M8x20  | 120 | 75  | 12 | AFP63XI     |
| 80   | 72   | 45 | 12  | 63 | 126 | 9    | M10x25 | 150 | 95  | 16 | AFP80XI     |
| 100  | 89   | 55 | 14  | 75 | 150 | 9    | M10x25 | 170 | 115 | 16 | AFP100XI    |
| 125  | 110  | 60 | 16  | 90 | 180 | 10.5 | M12x25 | 205 | 140 | 20 | AFP125XI    |

Nota: fornito completo di 4 viti DIN 7984 in acciaio AISI 304

Note: supplied with 4 AISI 304 screws DIN 7984



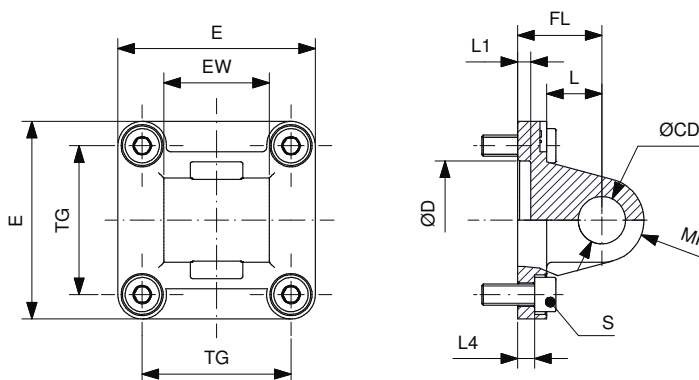
MATERIALE: ACCIAIO AISI 304  
MATERIAL: AISI 304 STEEL

### CERNIERA FEMMINA / FEMALE HINGE (MP2)

| Ø mm | TG   | CB | UB  | ØCD | FL | L  | ØD | L1 | L4  | S      | MR | E   | CODICE/CODE |
|------|------|----|-----|-----|----|----|----|----|-----|--------|----|-----|-------------|
| 32   | 32.5 | 26 | 45  | 10  | 22 | 13 | 30 | 5  | 5.5 | M6x20  | 10 | 45  | CERF32XI    |
| 40   | 38   | 28 | 52  | 12  | 25 | 16 | 35 | 5  | 5.5 | M6x20  | 12 | 52  | CERF40XI    |
| 50   | 46.5 | 32 | 60  | 12  | 27 | 16 | 40 | 5  | 6.5 | M8x20  | 12 | 65  | CERF50XI    |
| 63   | 56.5 | 40 | 70  | 16  | 32 | 21 | 45 | 5  | 6.5 | M8x20  | 16 | 75  | CERF63XI    |
| 80   | 72   | 50 | 90  | 16  | 36 | 22 | 45 | 5  | 10  | M10x25 | 16 | 95  | CERF80XI    |
| 100  | 89   | 60 | 110 | 20  | 41 | 27 | 55 | 5  | 10  | M10x25 | 20 | 115 | CERF100XI   |
| 125  | 110  | 70 | 130 | 25  | 50 | 30 | 60 | 7  | 10  | M12x25 | 25 | 140 | CERF125XI   |

Nota: fornito completo di 4 viti DIN 912 in acciaio AISI 304

Note: supplied with 4 AISI 304 screws DIN 912



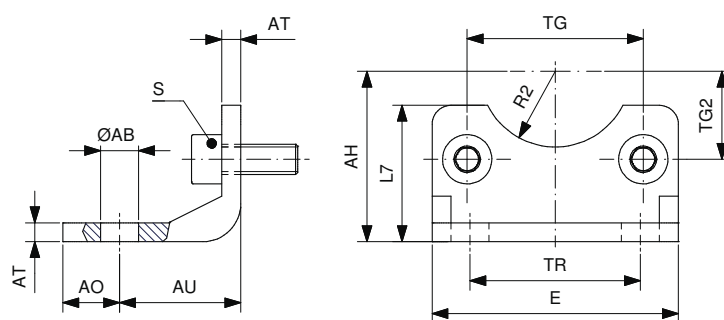
MATERIALE: ACCIAIO AISI 304  
MATERIAL: AISI 304 STEEL

CERNIERA MASCHIO / MALE HINGE (MP4)

| Ø mm | TG   | EW | ØCD | FL | L  | ØD | L1 | L4  | S      | MR | E   | CODICE/CODE |
|------|------|----|-----|----|----|----|----|-----|--------|----|-----|-------------|
| 32   | 32.5 | 26 | 10  | 22 | 13 | 30 | 5  | 5.5 | M6x20  | 10 | 45  | CERM32XI    |
| 40   | 38   | 28 | 12  | 25 | 16 | 35 | 5  | 5.5 | M6x20  | 12 | 52  | CERM40XI    |
| 50   | 46.5 | 32 | 12  | 27 | 16 | 40 | 5  | 6.5 | M8x20  | 12 | 65  | CERM50XI    |
| 63   | 56.5 | 40 | 16  | 32 | 21 | 45 | 5  | 6.5 | M8x20  | 16 | 75  | CERM63XI    |
| 80   | 72   | 50 | 16  | 36 | 22 | 45 | 5  | 10  | M10x25 | 16 | 95  | CERM80XI    |
| 100  | 89   | 60 | 20  | 41 | 27 | 55 | 5  | 10  | M10x25 | 20 | 115 | CERM100XI   |
| 125  | 110  | 70 | 25  | 50 | 30 | 60 | 7  | 10  | M12x25 | 25 | 140 | CERM125XI   |

Nota: fornito completo di 4 viti DIN 912 in acciaio AISI 304

Note: supplied with 4 AISI 304 screws DIN 912



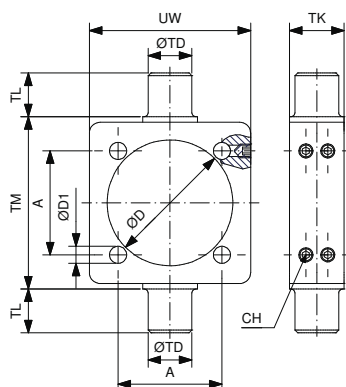
MATERIALE: ACCIAIO AISI 304  
MATERIAL: AISI 304 STEEL

PIEDINO BASSO / LOW-RISE PEDESTAL (MS1)

| Ø mm | TG   | TG2   | AH | R2   | ØAB  | AO | AU | TR | AT | S      | L7 | E   | CODICE/CODE |
|------|------|-------|----|------|------|----|----|----|----|--------|----|-----|-------------|
| 32   | 32.5 | 16.25 | 32 | 15   | 7    | 11 | 24 | 32 | 4  | M6x16  | 30 | 45  | AF32XI      |
| 40   | 38   | 19    | 36 | 17.5 | 10   | 8  | 28 | 36 | 4  | M6x16  | 30 | 52  | AF40XI      |
| 50   | 46.5 | 23.25 | 45 | 20   | 10   | 15 | 32 | 45 | 5  | M8x20  | 36 | 65  | AF50XI      |
| 63   | 56.5 | 28.25 | 50 | 22.5 | 10   | 13 | 32 | 50 | 5  | M8x20  | 35 | 75  | AF63XI      |
| 80   | 72   | 36    | 63 | 22.5 | 12   | 14 | 41 | 63 | 6  | M10x20 | 47 | 95  | AF80XI      |
| 100  | 89   | 44.5  | 71 | 27.5 | 14.5 | 16 | 41 | 75 | 6  | M10x20 | 53 | 115 | AF100XI     |
| 125  | 110  | 55    | 90 | 30   | 16.5 | 25 | 45 | 90 | 8  | M12x25 | 70 | 140 | AF125XI     |

Nota: fornito completo di 2 viti DIN 912 in acciaio AISI 304

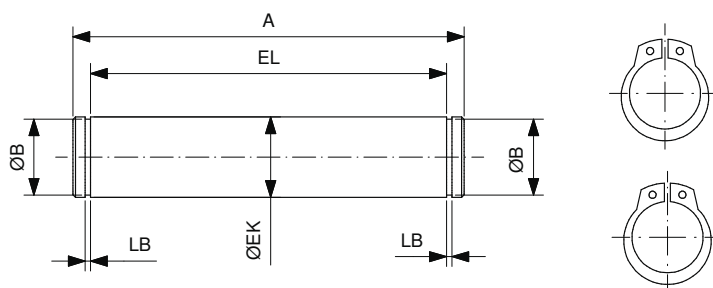
Note: supplied with 2 AISI 304 screws DIN 912



MATERIALE: ACCIAIO AISI 304  
MATERIAL: AISI 304 STEEL

### CERNIERA INTERMEDIA / INTERMEDIATE HINGE (MT4)

| Ø mm | A    | TM  | TL | TK | TD | D   | D1    | UW  | CH  | CODICE/CODE |
|------|------|-----|----|----|----|-----|-------|-----|-----|-------------|
| 32   | 32.5 | 50  | 12 | 15 | 12 | 37  | 6.25  | 46  | 2.5 | CERI32XRI   |
| 40   | 38   | 63  | 16 | 20 | 16 | 46  | 6.25  | 59  | 2.5 | CERI40XRI   |
| 50   | 46.5 | 75  | 16 | 20 | 16 | 56  | 8.25  | 69  | 3   | CERI50XRI   |
| 63   | 56.5 | 90  | 20 | 25 | 20 | 69  | 8.25  | 84  | 3   | CERI63XRI   |
| 80   | 72   | 110 | 20 | 25 | 20 | 87  | 10.25 | 102 | 4   | CERI80XRI   |
| 100  | 89   | 132 | 25 | 30 | 25 | 107 | 10.25 | 125 | 4   | CERI100XRI  |
| 125  | 110  | 160 | 25 | 32 | 25 | 133 | 12.25 | 155 | 5   | CERI125XRI  |



MATERIALE: ACCIAIO AISI 304  
MATERIAL: AISI 304 STEEL

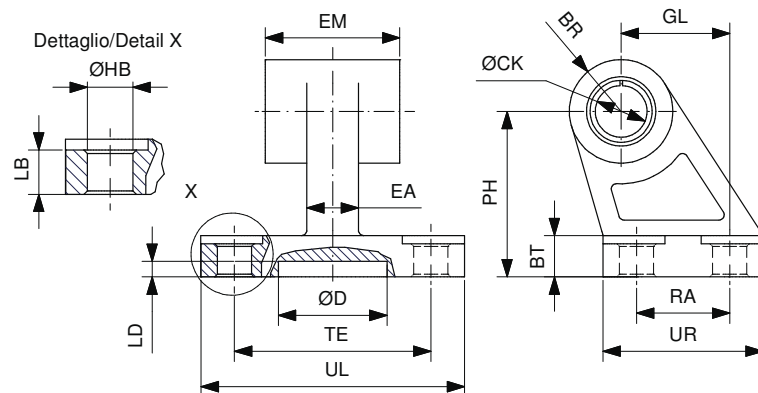
### PERNO PER CERNIERA FEMMINA / PIVOT FOR FEMALE HINGE (AA4)

| Ø mm | ØEK | EL  | ØB   | LB  | A   | CODICE/CODE |
|------|-----|-----|------|-----|-----|-------------|
| 32   | 10  | 46  | 9.6  | 1.1 | 53  | PERC32XI    |
| 40   | 12  | 53  | 11.5 | 1.1 | 60  | PERC40XI    |
| 50   | 12  | 61  | 11.5 | 1.1 | 68  | PERC50XI    |
| 63   | 16  | 71  | 15.2 | 1.1 | 78  | PERC63XI    |
| 80   | 16  | 91  | 15.2 | 1.1 | 98  | PERC80XI    |
| 100  | 20  | 111 | 19   | 1.3 | 118 | PERC100XI   |
| 125  | 25  | 132 | 23.9 | 1.3 | 139 | PERC125XI   |

Nota: fornito completo di seeger

Note: supplied with seegers

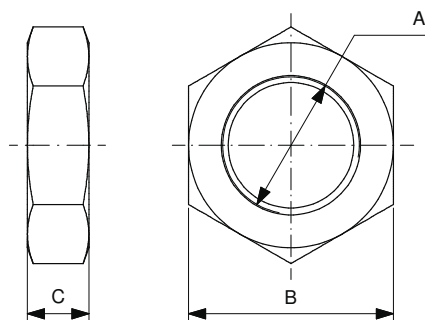




MATERIALE: ACCIAIO AISI 304  
MATERIAL: AISI 304 STEEL

## ARTICOLAZIONE A SQUADRA / SQUARE JOINT (AB7)

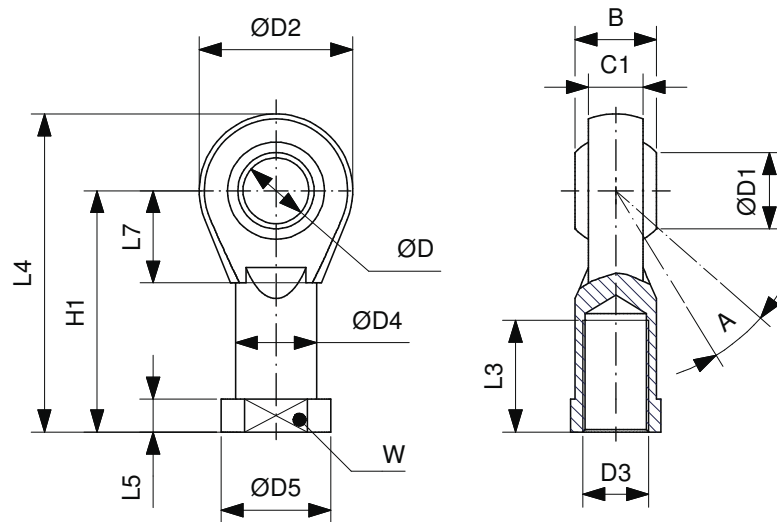
| Ø mm | ØCK | EM | BR   | PH | GL | ØHB | LB   | BT | TE | RA | ØD | LD | UL  | UR | EA | CODICE/CODE |
|------|-----|----|------|----|----|-----|------|----|----|----|----|----|-----|----|----|-------------|
| 32   | 10  | 26 | 10   | 32 | 21 | 6.6 | 6.4  | 8  | 38 | 18 | 21 | 3  | 51  | 31 | 10 | ART32XI     |
| 40   | 12  | 28 | 11   | 36 | 24 | 6.6 | 8.4  | 10 | 41 | 22 | 21 | 3  | 54  | 35 | 12 | ART40XI     |
| 50   | 12  | 32 | 13   | 45 | 33 | 9   | 10.4 | 12 | 50 | 30 | 21 | 3  | 65  | 45 | 16 | ART50XI     |
| 63   | 16  | 40 | 15   | 50 | 37 | 9   | 12.4 | 12 | 52 | 35 | 21 | 3  | 67  | 50 | 16 | ART63XI     |
| 80   | 16  | 50 | 15   | 63 | 47 | 11  | 11.5 | 14 | 66 | 40 | 21 | 3  | 86  | 60 | 20 | ART80XI     |
| 100  | 20  | 60 | 19   | 71 | 55 | 11  | 14.5 | 15 | 76 | 50 | 11 | 3  | 96  | 70 | 20 | ART100XI    |
| 125  | 25  | 70 | 22.5 | 90 | 70 | 14  | 16.8 | 20 | 94 | 60 | 21 | 3  | 124 | 90 | 30 | ART125XI    |



MATERIALE: ACCIAIO AISI 304  
MATERIAL: AISI 304 STEEL

## DADO PER ASTE / PISTON ROD NUT

| Ø mm   | A        | B  | C  | CODICE/CODE |
|--------|----------|----|----|-------------|
| 32     | M10x1.25 | 17 | 6  | ANA25I      |
| 40     | M12x1.25 | 19 | 7  | ANA40BI     |
| 50-63  | M16x1.5  | 24 | 8  | ANA50BI     |
| 80-100 | M20x1.5  | 30 | 9  | ANA80100I   |
| 125    | M27x2    | 41 | 12 | ANA125XI    |

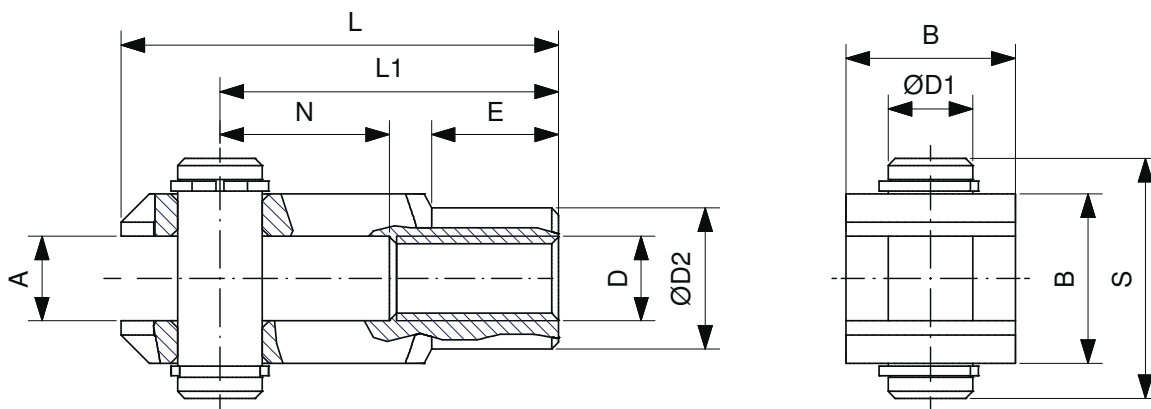


MATERIALE: ACCIAIO AISI 304  
MATERIAL: AISI 304 STEEL

## TESTA A SNODO AUTOLUBRIFICANTE / SELF-LUBRICATING ROD ENDS

| D3       | W  | L3 | A   | ØD | ØD1  | C1   | B  | ØD4  | ØD5 | L5  | L7 | H1  | L4  | ØD2 | CODICE/CODE   |
|----------|----|----|-----|----|------|------|----|------|-----|-----|----|-----|-----|-----|---------------|
| M10x1.25 | 17 | 20 | 13° | 10 | 12.9 | 10.5 | 14 | 15   | 19  | 6.5 | 15 | 43  | 57  | 28  | TSNDM10x1.25I |
| M12x1.25 | 19 | 22 | 13° | 12 | 15.4 | 12   | 16 | 17.5 | 22  | 6.5 | 17 | 50  | 66  | 32  | TSNDM12x1.25I |
| M16x1.5  | 22 | 28 | 15° | 16 | 19.3 | 15   | 21 | 22   | 27  | 8   | 23 | 64  | 85  | 42  | TSNDM16x1.5I  |
| M20x1.5  | 30 | 33 | 14° | 20 | 24.3 | 18   | 25 | 27.5 | 34  | 10  | 27 | 77  | 102 | 50  | TSNDM20x1.5I  |
| M27x2    | 41 | 51 | 17° | 30 | 34.8 | 25   | 37 | 40   | 50  | 15  | 36 | 110 | 145 | 70  | TSNDM27x2I    |

MATERIALE: ACCIAIO AISI 304  
MATERIAL: AISI 304 STEEL

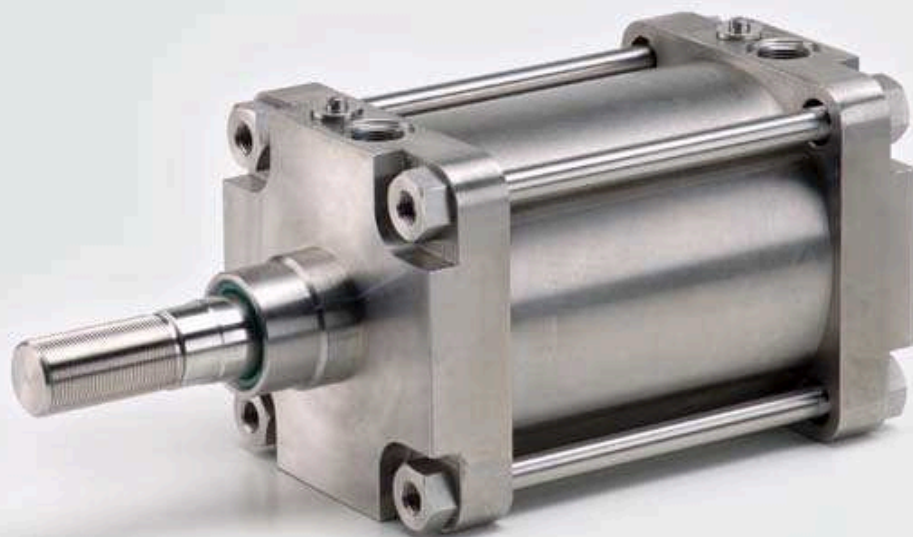


## FORCELLA CON CLIP / CLEVIS WITH PIN

| D        | A  | B  | ØD1 | S  | N  | L1  | L   | E  | ØD2 | CODICE/CODE |
|----------|----|----|-----|----|----|-----|-----|----|-----|-------------|
| M10x1.25 | 10 | 20 | 10  | 25 | 20 | 40  | 52  | 15 | 18  | FORM10ISOI  |
| M12x1.25 | 12 | 24 | 12  | 30 | 24 | 48  | 62  | 18 | 20  | FORM12ISOI  |
| M16x1.5  | 16 | 32 | 16  | 39 | 32 | 64  | 83  | 24 | 26  | FORM16ISOI  |
| M20x1.5  | 20 | 40 | 20  | 48 | 40 | 80  | 105 | 30 | 34  | FORM20ISOI  |
| M27x2    | 30 | 55 | 30  | 65 | 54 | 110 | 148 | 38 | 48  | FORM27ISOI  |

# CILINDRI DIN ISO 15552 Ø160-200 INOX

## DIN ISO 15552 INOX CYLINDERS Ø160-200



|                      |                                                   |
|----------------------|---------------------------------------------------|
| TESTATE<br>COVERS    | ACCIAIO INOX AISI 304<br>AISI 304 STAINLESS STEEL |
| TUBO<br>TUBE         | ACCIAIO INOX AISI 304<br>AISI 304 STAINLESS STEEL |
| GUARNIZIONI<br>SEALS | POLIURETANO + NBR<br>POLYURETHANE + NBR           |
| BRONZINA<br>BUSH     | BRONZO SINTERIZZATO<br>SINTERED BRONZE            |
| ASTA<br>PISTON ROD   | ACCIAIO INOX AISI 316<br>AISI 316 STAINLESS STEEL |
| TIRANTI<br>TIE RODS  | ACCIAIO INOX AISI 304<br>AISI 304 STAINLESS STEEL |

PRESSIONE DI FUNZIONAMENTO  
WORKING PRESSURE

MAX 10 BAR

TEMPERATURA DI IMPIEGO  
TEMPERATURE

-20°C +80°C CON ARIA SECCA  
-20°C +80°C WITH DRY AIR

FLUIDO  
WORKING FLUID

ARIA COMPRESSA FILTRATA E LUBRIFICATA E NON  
FILTERED AND LUBRICATED OR NOT COMPRESSED AIR

### VERSIONI DISPONIBILI AVAILABLE VERSIONS

CDE\_XF - CDEM\_XF - CDEP\_XF - CDEMP\_XF - CDEA\_XF - CDEMA\_XF - CDEAP\_XF - CDEMAP\_XF

### CORSE STANDARD STANDARD STROKES

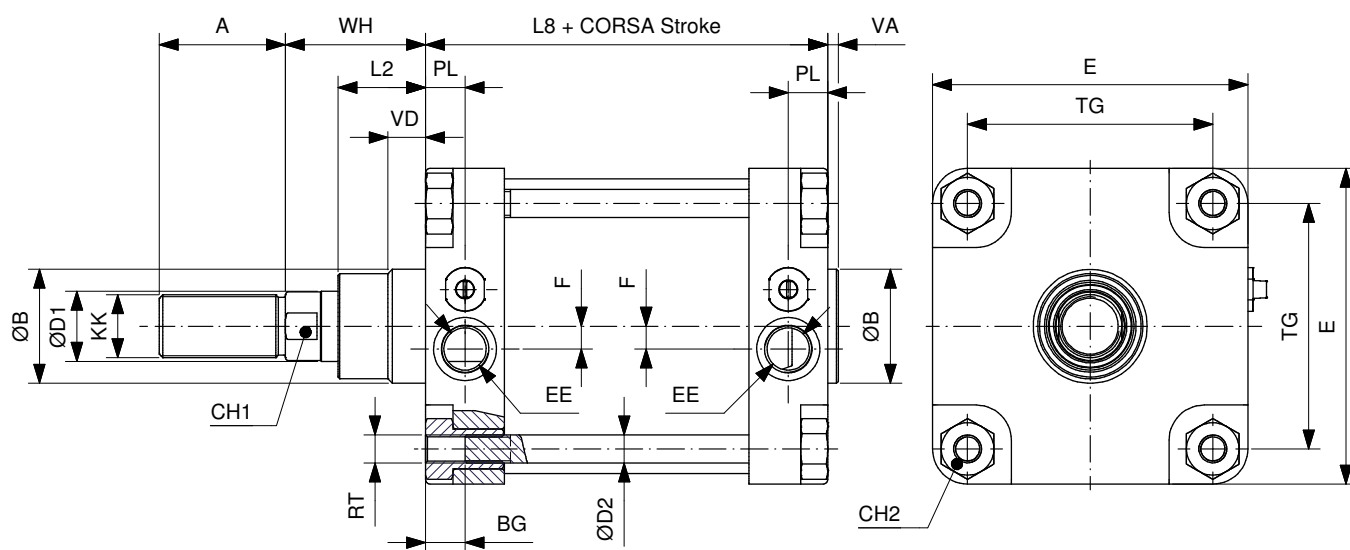
| Ø mm | 10 | 25 | 40 | 50 | 80 | 100 | 125 | 160 | 200 | 250 | 300 | 320 | 400 | 500 |
|------|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 160  | ✘  | ✘  | ✘  | ✘  | ✘  | ✘   | ✘   | ✘   | ✘   | ✘   | ✘   | ✘   | ✘   | ✘   |
| 200  | ✘  | ✘  | ✘  | ✘  | ✘  | ✘   | ✘   | ✘   | ✘   | ✘   | ✘   | ✘   | ✘   | ✘   |

DOPPIO EFFETTO  
DOUBLE ACTING

# DOPPIO EFFETTO

## DOUBLE ACTING

CDEØ/...XF CDEMØ/...XF



### DIMENSIONI

### DIMENSIONS

| Ø mm | ØD1 | ØD2 | KK    | A  | ØB | VD   | VA | L2 | RT    | BG   | TG  | EE    | F  | PL   | WH | L8    | E   | CH1 | CH2 |
|------|-----|-----|-------|----|----|------|----|----|-------|------|-----|-------|----|------|----|-------|-----|-----|-----|
| 160  | 40  | 16  | M36X2 | 72 | 65 | 21.5 | 6  | 50 | M16X2 | 22.5 | 140 | 3/4"G | 13 | 22.5 | 80 | 179.5 | 180 | 36  | 30  |
| 200  | 40  | 16  | M36X2 | 72 | 75 | 26.5 | 6  | 55 | M16X2 | 22,5 | 175 | 3/4"G | 13 | 22.5 | 95 | 180   | 220 | 36  | 30  |

### FORZE DI TRAZIONE E SPINTA (6 BAR)

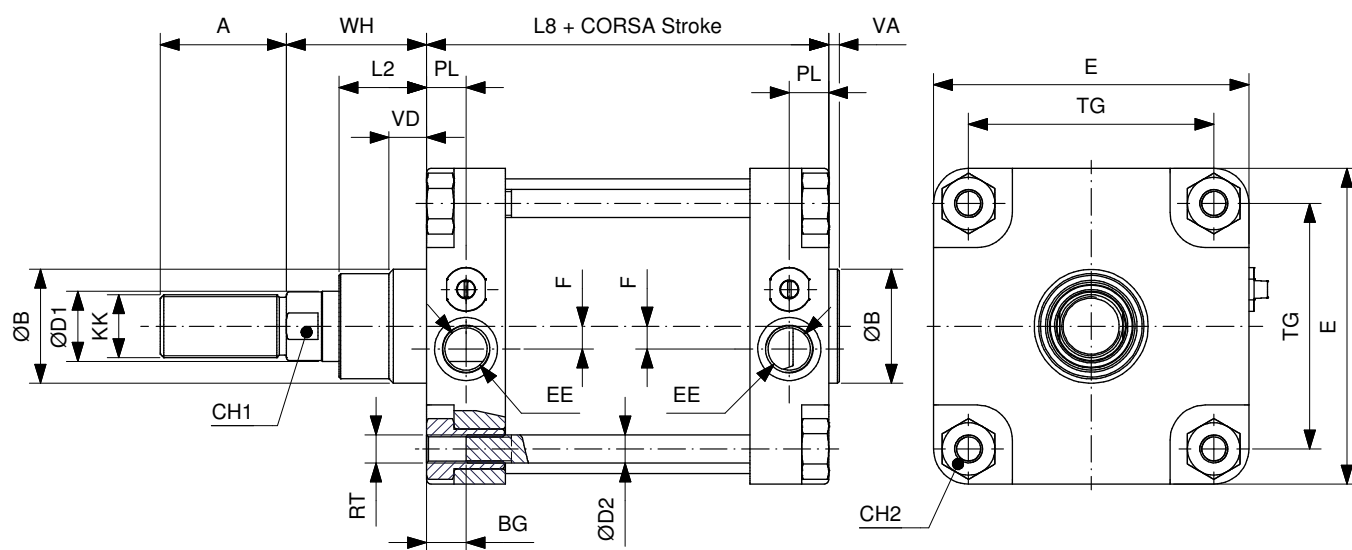
### TRACTION AND THRUST FORCES (6 BAR)

| Ø mm | FORZA DI SPINTA (N)<br>THRUST FORCE (N) | FORZA DI TRAZIONE (N)<br>TRACTION FORCE (N) |
|------|-----------------------------------------|---------------------------------------------|
| 160  | 11454                                   | 10738                                       |
| 200  | 17898                                   | 17182                                       |

# DOPPIO EFFETTO AMMORTIZZATO

## DOUBLE ACTING CUSHIONED

CDEAØ/...XF CDEMAØ/...XF



### DIMENSIONI

### DIMENSIONS

| Ø mm | ØD1 | ØD2 | KK    | A  | ØB | VD   | VA | L2 | RT    | BG   | TG  | EE    | F  | PL   | WH | L8    | E   | CH1 | CH2 |
|------|-----|-----|-------|----|----|------|----|----|-------|------|-----|-------|----|------|----|-------|-----|-----|-----|
| 160  | 40  | 16  | M36X2 | 72 | 65 | 21.5 | 6  | 50 | M16X2 | 22.5 | 140 | 3/4"G | 13 | 22.5 | 80 | 179.5 | 180 | 36  | 30  |
| 200  | 40  | 16  | M36X2 | 72 | 75 | 26.5 | 6  | 55 | M16X2 | 22,5 | 175 | 3/4"G | 13 | 22.5 | 95 | 180   | 220 | 36  | 30  |

### FORZE DI TRAZIONE E SPINTA (6 BAR)

### TRACTION AND THRUST FORCES (6 BAR)

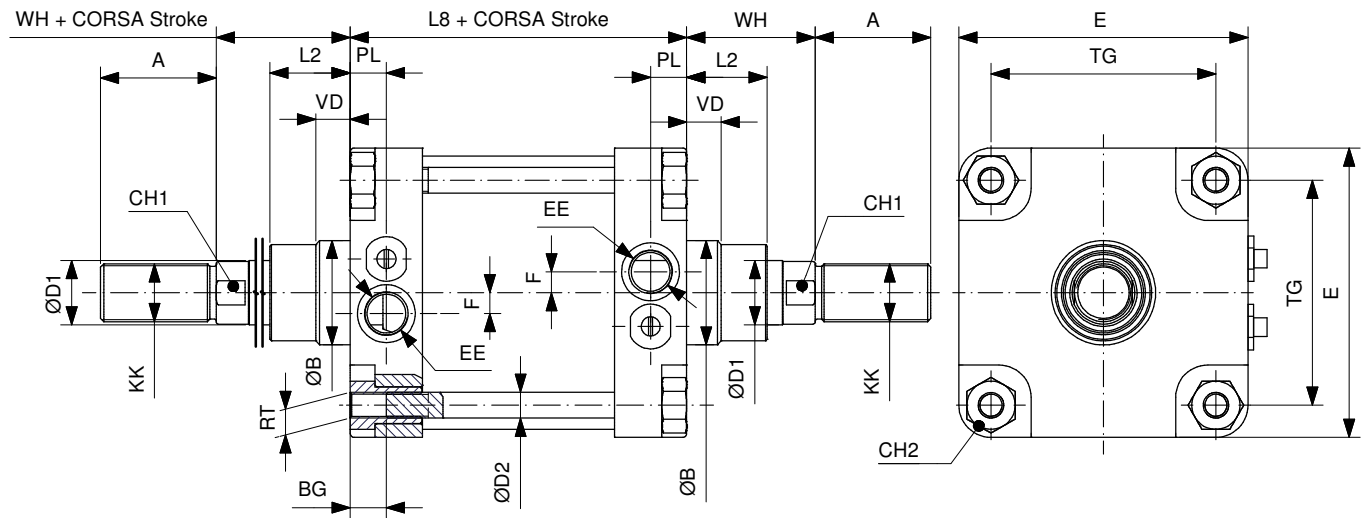
| Ø mm | FORZA DI SPINTA (N)<br>THRUST FORCE (N) | FORZA DI TRAZIONE (N)<br>TRACTION FORCE (N) |
|------|-----------------------------------------|---------------------------------------------|
| 160  | 11454                                   | 10738                                       |
| 200  | 17898                                   | 17182                                       |

# DOPPIO EFFETTO STELO PASSANTE

## DOUBLE ACTING THROUGH PISTON ROD

CDEPØ/...XF

CDEMPØ/...XF



### DIMENSIONI

### DIMENSIONS

| Ø mm | ØD1 | ØD2 | KK    | A  | ØB | VD   | L2 | RT    | BG   | TG  | EE    | F  | PL   | WH | L8    | E   | CH1 | CH2 |
|------|-----|-----|-------|----|----|------|----|-------|------|-----|-------|----|------|----|-------|-----|-----|-----|
| 160  | 40  | 16  | M36X2 | 72 | 65 | 21.5 | 50 | M16X2 | 22.5 | 140 | 3/4"G | 13 | 22.5 | 80 | 179.5 | 180 | 36  | 30  |
| 200  | 40  | 16  | M36X2 | 72 | 75 | 26.5 | 55 | M16X2 | 22.5 | 175 | 3/4"G | 13 | 22.5 | 95 | 180   | 220 | 36  | 30  |

### FORZE DI TRAZIONE E SPINTA (6 BAR)

### TRACTION AND THRUST FORCES (6 BAR)

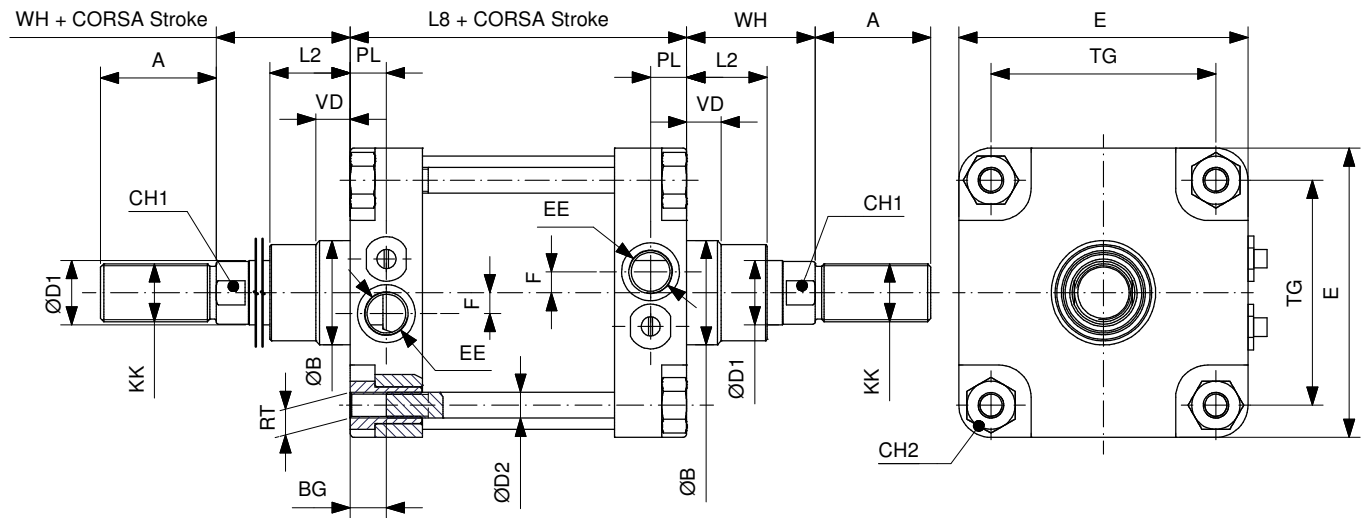
| Ø mm | FORZA DI SPINTA (N)<br>THRUST FORCE (N) | FORZA DI TRAZIONE (N)<br>TRACTION FORCE (N) |
|------|-----------------------------------------|---------------------------------------------|
| 160  | 10738                                   | 10738                                       |
| 200  | 17182                                   | 17182                                       |

# DOPPIO EFFETTO AMMORTIZZATO STELO PASSANTE

## DOUBLE ACTING CUSHIONED THROUGH PISTON ROD

CDEAPØ/...XF

CDEMAPØ/...XF



### DIMENSIONI

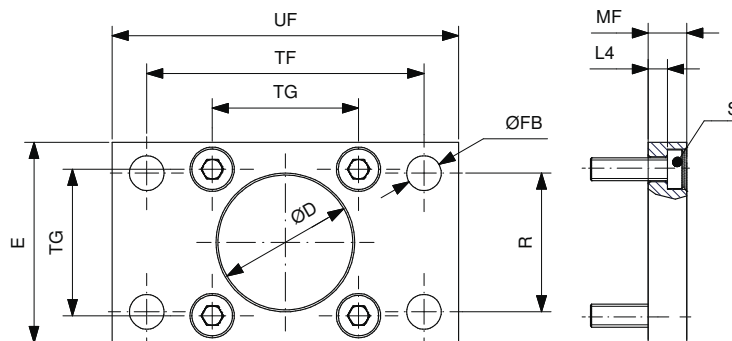
### DIMENSIONS

| Ø mm | ØD1 | ØD2 | KK    | A  | ØB | VD   | L2 | RT    | BG   | TG  | EE    | F  | PL   | WH | L8    | E   | CH1 | CH2 |
|------|-----|-----|-------|----|----|------|----|-------|------|-----|-------|----|------|----|-------|-----|-----|-----|
| 160  | 40  | 16  | M36X2 | 72 | 65 | 21.5 | 50 | M16X2 | 22.5 | 140 | 3/4"G | 13 | 22.5 | 80 | 179.5 | 180 | 36  | 30  |
| 200  | 40  | 16  | M36X2 | 72 | 75 | 26.5 | 55 | M16X2 | 22.5 | 175 | 3/4"G | 13 | 22.5 | 95 | 180   | 220 | 36  | 30  |

### FORZE DI TRAZIONE E SPINTA (6 BAR)

### TRACTION AND THRUST FORCES (6 BAR)

| Ø mm | FORZA DI SPINTA (N)<br>THRUST FORCE (N) | FORZA DI TRAZIONE (N)<br>TRACTION FORCE (N) |
|------|-----------------------------------------|---------------------------------------------|
| 160  | 10738                                   | 10738                                       |
| 200  | 17182                                   | 17182                                       |



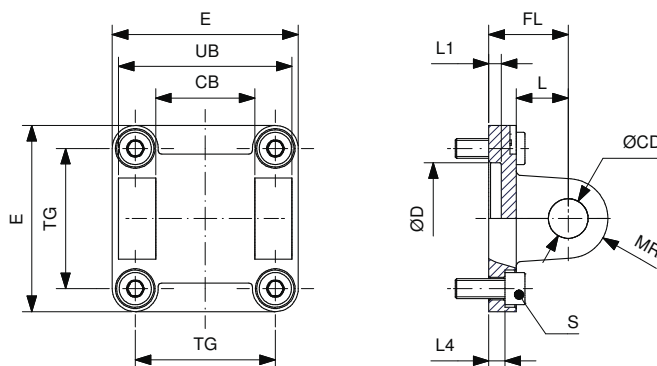
MATERIALE: ACCIAIO AISI 304  
MATERIAL: AISI 304 STEEL

### FLANGIA / FLANGE (MF1-MF2)

| Ø mm | TG  | ØD | ØFB | R   | TF  | L4   | S      | UF  | E   | MF | CODICE/CODE |
|------|-----|----|-----|-----|-----|------|--------|-----|-----|----|-------------|
| 160  | 140 | 65 | 18  | 115 | 230 | 9.5  | M16x30 | 260 | 180 | 20 | AFP160XI    |
| 200  | 175 | 75 | 22  | 135 | 270 | 12.5 | M16x30 | 300 | 220 | 25 | AFP200XI    |

Nota: fornito completo di 4 viti DIN 7984 in acciaio AISI 304

Note: supplied with 4 AISI 304 screws DIN 7984



MATERIALE: ACCIAIO AISI 304  
MATERIAL: AISI 304 STEEL

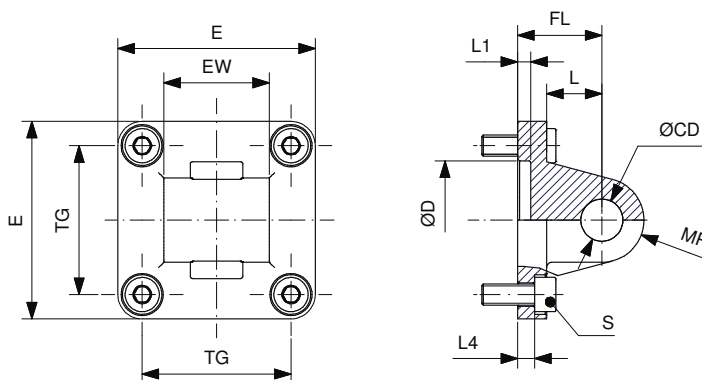
### CERNIERA FEMMINA / FEMALE HINGE (MP2)

| Ø mm | TG  | CB | UB  | ØCD | FL | L  | ØD | L1 | L4 | S      | MR | E   | CODICE/CODE |
|------|-----|----|-----|-----|----|----|----|----|----|--------|----|-----|-------------|
| 160  | 140 | 90 | 170 | 30  | 55 | 35 | 65 | 7  | 10 | M16x30 | 25 | 160 | CERF160XI   |
| 200  | 175 | 90 | 170 | 30  | 60 | 35 | 75 | 7  | 11 | M16x30 | 25 | 220 | CERF200XI   |

Nota: fornito completo di 4 viti DIN 912 in acciaio AISI 304

Note: supplied with 4 AISI 304 screws DIN 912





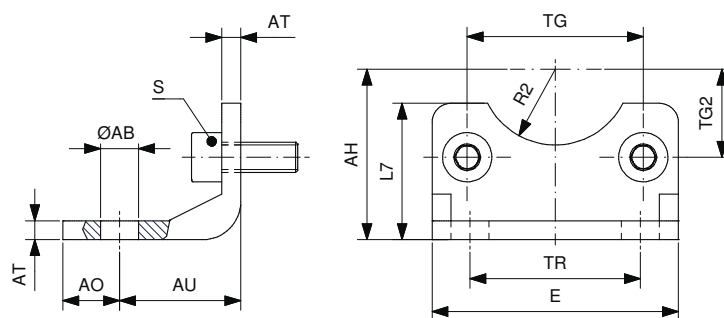
MATERIALE: ACCIAIO AISI 304  
MATERIAL: AISI 304 STEEL

CERNIERA MASCHIO / MALE HINGE (MP4)

| Ø mm | TG  | EW | ØCD | FL | L  | ØD | L1 | L4 | S      | MR | E   | CODICE/CODE |
|------|-----|----|-----|----|----|----|----|----|--------|----|-----|-------------|
| 160  | 140 | 90 | 30  | 55 | 35 | 65 | 7  | 10 | M16x30 | 25 | 180 | CERM160XI   |
| 200  | 175 | 90 | 30  | 60 | 35 | 75 | 7  | 11 | M16x30 | 25 | 220 | CERM200XI   |

Nota: fornito completo di 4 viti DIN 912 in acciaio AISI 304

Note: supplied with 4 AISI 304 screws DIN 912



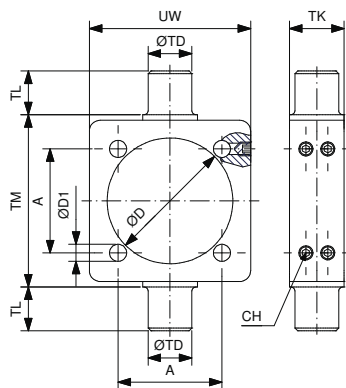
MATERIALE: ACCIAIO AISI 304  
MATERIAL: AISI 304 STEEL

PIEDINO BASSO / LOW-RISE PEDESTAL (MS1)

| Ø mm | TG  | TG2  | AH  | R2   | ØAB  | AO | AU | TR  | AT | S      | L7  | E   | CODICE/CODE |
|------|-----|------|-----|------|------|----|----|-----|----|--------|-----|-----|-------------|
| 160  | 140 | 70   | 115 | 32.5 | 18.5 | 15 | 60 | 115 | 10 | M16x30 | 100 | 180 | AF160XI     |
| 200  | 175 | 87.5 | 135 | 37.5 | 24   | 30 | 70 | 135 | 12 | M16x30 | 109 | 220 | AF200XI     |

Nota: fornito completo di 2 viti DIN 912 in acciaio AISI 304

Note: supplied with 2 AISI 304 screws DIN 912



MATERIALE: ACCIAIO AISI 304  
MATERIAL: AISI 304 STEEL

CERNIERA INTERMEDIA / INTERMEDIATE HINGE (MT4)

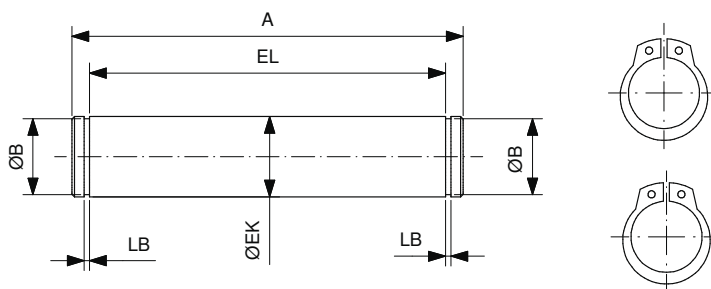
| Ø mm | A   | TM  | TL | TK | ØTD | ØD  | ØD1   | UW  | DADO/NUT (*) | CODICE/CODE |
|------|-----|-----|----|----|-----|-----|-------|-----|--------------|-------------|
| 160  | 140 | 200 | 32 | 40 | 32  | 170 | 16.25 | 190 | M16x2        | CERI160XRI  |
| 40   | 175 | 250 | 32 | 40 | 32  | 211 | 16.25 | 240 | M16x2        | CERI200XRI  |

Nota:

L'utilizzo della cerniera è consentito solo in abbinamento a cilindri con tiranti interamente filettati  
L'accessorio viene fornito provvisto di appositi dadi per il posizionamento e fissaggio(\*)

Note:

It is possible to use the intermediate hinge only with cylinders equipped with threaded tie rods  
The accessory is supplied with the nuts for the positioning and fixing(\*)



MATERIALE: ACCIAIO AISI 304  
MATERIAL: AISI 304 STEEL

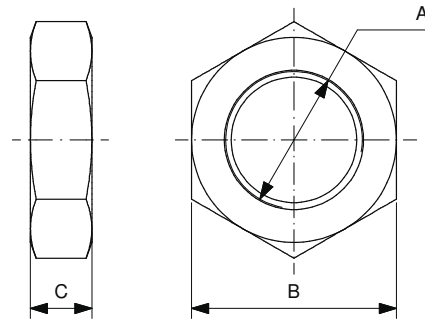
PERNO PER CERNIERA FEMMINA / PIVOT FOR FEMALE HINGE (AA4)

| Ø mm    | ØEK | EL  | ØB   | LB  | A   | CODICE/CODE  |
|---------|-----|-----|------|-----|-----|--------------|
| 160-200 | 30  | 172 | 28.6 | 1.6 | 180 | PERC160200XI |

Nota: fornito completo di seeger

Note: supplied with seegers

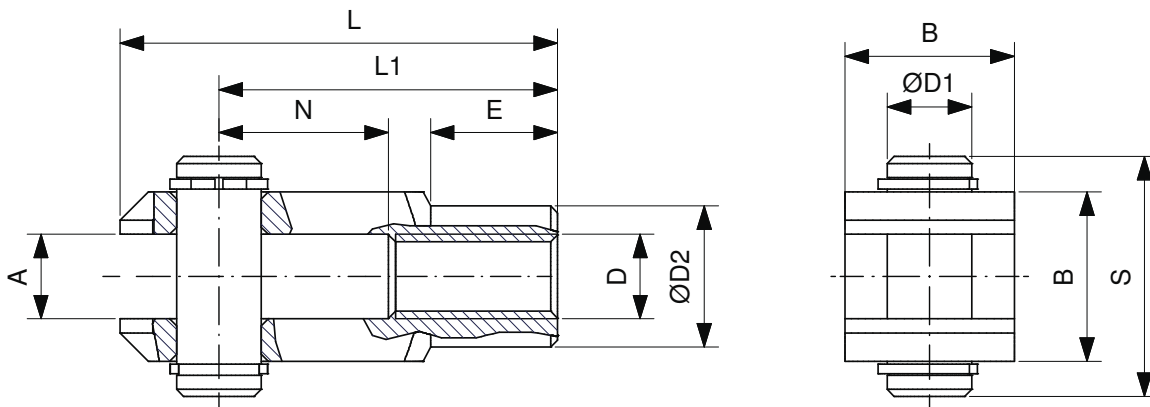
MATERIALE: ACCIAIO AISI 304  
MATERIAL: AISI 304 STEEL



DADO PER ASTE / PISTON ROD NUT

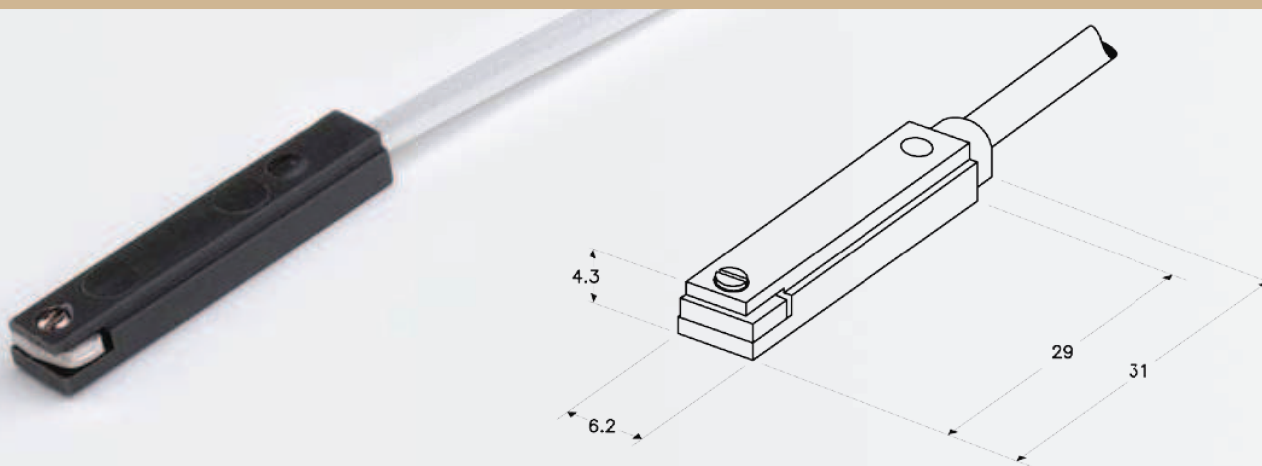
| Ø mm    | A     | B  | C  | CODICE/CODE |
|---------|-------|----|----|-------------|
| 160-200 | M36X2 | 55 | 14 | ANA160200XI |

MATERIALE: ACCIAIO AISI 304  
MATERIAL: AISI 304 STEEL



FORCELLA CON PERNO / CLEVIS WITH PIVOT

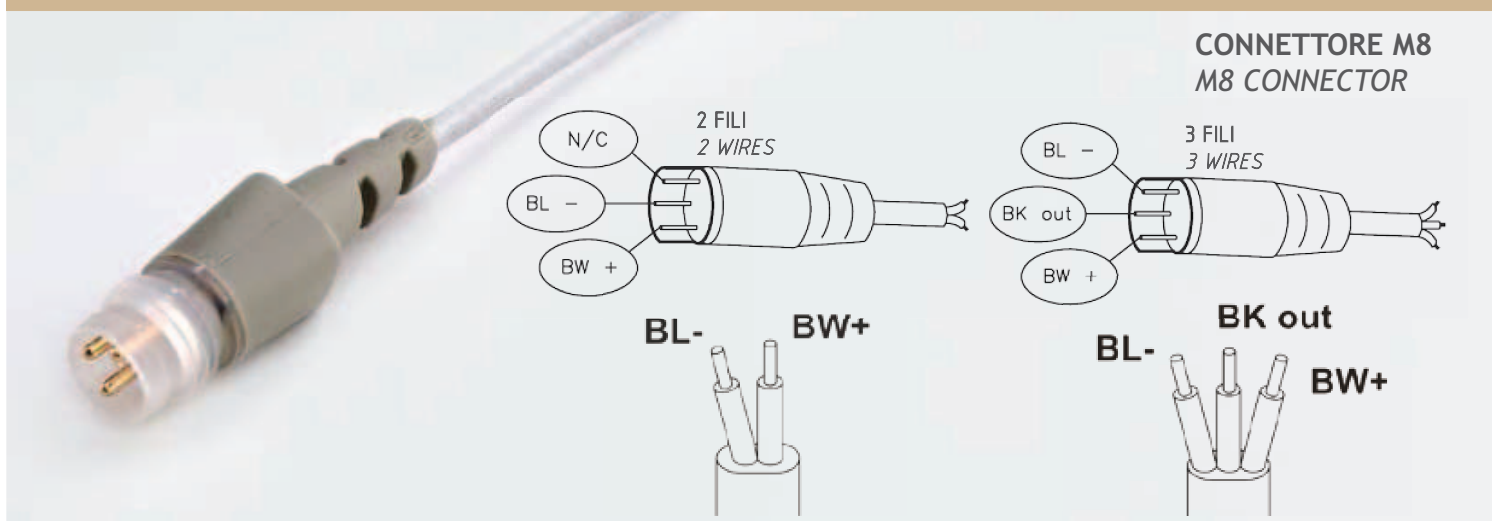
| D     | A  | B  | ØD1 | S  | N  | L1  | L   | E  | ØD2 | CODICE/CODE |
|-------|----|----|-----|----|----|-----|-----|----|-----|-------------|
| M36x2 | 35 | 70 | 35  | 84 | 72 | 144 | 188 | 40 | 60  | FORM36DINI  |



| SERIE / SERIES                                                                  | ZS                                            |                                                       |                                                                 |
|---------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------|
| Interruttore con cavo<br><i>Switch with cable</i>                               | ZS3201                                        | ZS3300                                                | ZS4300                                                          |
| Interruttore con connettore M8<br><i>Switch with connector M8</i>               | ZS3210                                        | ZS3310                                                | ZS4301                                                          |
| Tipo Sensore<br><i>Sensor Type</i>                                              | Contatto reed N.O.<br><i>Reed switch N.O.</i> | Contatto reed PNP N.O.<br><i>Reed switch PNP N.O.</i> | Magneto-resistivo PNP N.O.<br><i>Magneto-resistive PNP N.O.</i> |
| Tensione di alimentazione<br><i>Power supply</i>                                | 3÷30 V ac/dc                                  |                                                       | 3÷30 V dc                                                       |
| Corrente di commutazione<br><i>Switching current</i>                            | 0.2 A                                         |                                                       |                                                                 |
| Potenza (carico ohmico)<br><i>Power (ohmic load)</i>                            | 6 W                                           |                                                       |                                                                 |
| Caduta di tensione<br><i>On voltage drop</i>                                    | ≤ 3 V                                         | /                                                     | ≤ 1 V                                                           |
| Tempo commutazione "ON"<br><i>Response time "ON"</i>                            | 0.5 ms                                        |                                                       | 0.8 μs                                                          |
| Tempo commutazione "OFF"<br><i>Response time "OFF"</i>                          | 0.1 ms                                        |                                                       | 0.3 μs                                                          |
| Punto di lavoro nominale<br><i>Nominal operate point</i>                        | 20÷25 AT                                      |                                                       | 40 Gauss (34-46) Gauss                                          |
| Differenza ON-OFF<br><i>ON-OFF differential</i>                                 | 5÷10 AT                                       |                                                       | 5÷15 Gauss                                                      |
| Temperatura lavoro<br><i>Operating temperature</i>                              | -10 ÷ +70 °C                                  |                                                       |                                                                 |
| Frequenza di lavoro<br><i>Operating frequency</i>                               | max 500 Hz                                    |                                                       | max 200 KHz                                                     |
| Vita elettrica<br><i>Life time</i>                                              | 10 <sup>7</sup> imp                           |                                                       | 10 <sup>9</sup> imp                                             |
| Protezione contro inversione di polarità<br><i>Polarity reversal protection</i> | SI / YES                                      |                                                       |                                                                 |
| Protezione contro corto-circuito<br><i>Short circuit protection</i>             | /                                             |                                                       |                                                                 |
| Grado di protezione<br><i>Environmental protection degree</i>                   | IP 67                                         |                                                       |                                                                 |
| Configurazioni circuitali<br><i>Wiring schematics</i>                           |                                               |                                                       |                                                                 |

# CAVI PER SENSORI

## SENSORS CABLES



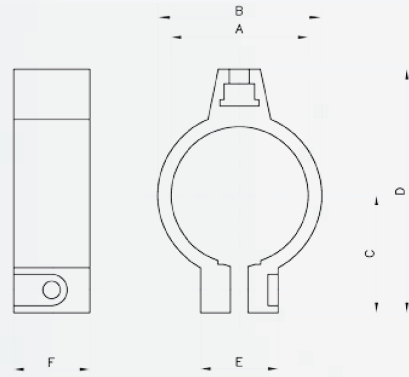
**CONNETTORE M8**  
**M8 CONNECTOR**

|                                                  |                                                                                                                                                                                                                   |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lunghezza cavo standard<br>Standard cable length | 2.5 m (cavo diretto / flying connector with cable)<br>0.3 m (cavo con connettore / plug connector with cable)                                                                                                     |
| Conduttori<br>Conductors                         | 0.14 mm <sup>2</sup> / AWG 26 / (36x 0.07 mm <sup>2</sup> )                                                                                                                                                       |
| Isolamento<br>Isolation                          | PVC                                                                                                                                                                                                               |
| Guaina<br>Sheath                                 | PVC ø 2.7 mm                                                                                                                                                                                                      |
| Test di fiamma<br>Flame test                     | V2                                                                                                                                                                                                                |
| Certificazione<br>Certification                  | CEI EN 60529; CEI EN 60947-5-2; CEI EN 61000-6-2; CEI EN 61000-6-3; CEI EN 55022; CEI EN 61000-4-2; CEI EN 61000-4-3<br>CEI EN 61000-4-4; CEI EN 65000-4-5; CEI EN 61000-4-8; CEI EN 61000-4-11; CEI EN 61000-4-6 |

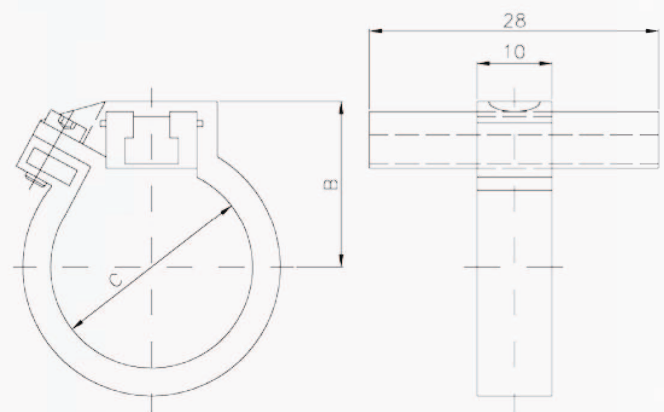
| CIRCUITI DI PROTEZIONE PER SENSORI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PROTECTION CIRCUIT FOR SWITCHES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>La commutazione di carichi induttivi da parte dei contatti REED produce un elevato picco di tensione al momento della disinserzione. Per tale motivo, al fine di prevenire eventuali scariche dielettriche oppure un arco voltaico, è necessario introdurre un circuito di protezione. Questo può essere:</p> <ul style="list-style-type: none"> <li>-un circuito R-C in parallelo al fincorsa se alimentato in V dc -(vedi Fig.1)</li> <li>-un diodo in parallelo al carico se alimentato in V dc - (vedi Fig.2)</li> <li>-n°2 diodi Zener in parallelo al carico se alimentato in V ac/dc - (vedi Fig.3)</li> <li>-un varistore (VDR) in parallelo al carico se alimentato in V ac/dc - (Fig.4)</li> </ul> <p>La commutazione di carichi capacitivi o l'impiego di cavi con lunghezza maggiore a metri 10 produce picchi di corrente al momento dell'inserzione. Perciò è necessario prestare attenzione garantendo la minima corrente necessaria per pilotare il sensore. (10=20 mA).</p> | <p>The switching of inductive loads made by REED produces an high voltage peak during the drop-out. In order to prevent dielectric discharges or voltaic arcs, you have to introduce a protection circuit. It can be:</p> <ul style="list-style-type: none"> <li>-a R-C circuit in parallel to the switch in case of V dc supply - (Img.1)</li> <li>-a diode in parallel to the load in case of V dc supply - (Img.2)</li> <li>-n°2 Zener diodes in parallel to the load with V ac/dc supply - (Img.3)</li> <li>-a varistor (VDR) in parallel to the load with V ac/dc supply - (Img.4)</li> </ul> <p>The switching of capacitive loads or the use of cables longer than 10 meters produces current peaks during the connection. For this reason you have to introduce a protection resistance near the switch on the brown wire. Please, pay attention in granting the minimum necessary current to the switch. (10=20 mA)</p> |
| <p>.1</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <p>.3</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p>.2</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <p>.4</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

# FISSAGGI PER SENSORI - CILINDRI TONDI

## MOUNTING PARTS FOR SENSORS - ROUND CYLINDERS



| Ø mm cilindro cylinder | A      | B    | C    | D    | E    | F | CODICE/CODE |
|------------------------|--------|------|------|------|------|---|-------------|
| 8                      | Ø 9.3  | 12.3 | 11.1 | 23.9 | 12.3 | 9 | NT-08       |
| 10                     | Ø 11.3 | 14.3 | 12.2 | 25.9 |      |   | NT-10       |
| 12                     | Ø 13.3 | 16.3 | 13.2 | 28   |      |   | NT-12       |
| 16                     | Ø 17.3 | 20.3 | 15.3 | 32.1 |      |   | NT-16       |
| 20                     | Ø 21.3 | 24.3 | 17.4 | 36.2 | 14   |   | NT-20       |
| 25                     | Ø 26.5 | 29.5 | 20   | 41.4 |      |   | NT-25       |



| Ø mm cilindro cylinder | B  | C    | CODICE/CODE |
|------------------------|----|------|-------------|
| 32                     | 27 | 33.6 | NT-32       |
| 40                     | 31 | 41.6 | NT-40       |
| 50                     | 37 | 52.4 | NT-50       |
| 63                     | 42 | 65.4 | NT-63       |

# FISSAGGI PER SENSORI - CILINDRI TIRANTATI

## MOUNTING PARTS FOR SENSORS - TIE ROD CYLINDERS



| Ø mm<br>cilindro<br>cylinder | A  | B    | C  | CODICE/CODE |
|------------------------------|----|------|----|-------------|
| 32-63                        | 14 | 9    | 22 | NT-3263XR   |
| 80-100                       | 19 | 12   | 34 | NT-80100XR  |
| 125                          | 21 | 14   | 33 | NT-125XR    |
| 160-200                      | 26 | 18   | 42 | NT-160200XR |
| 250                          | 26 | 20.5 | 42 | NT-250XR    |
| 320                          | 26 | 25.5 | 42 | NT-320XR    |

# COPERTURA PER CAVA SENSORE

## COVERING FOR SENSOR SLOT



| MATERIALE/MATERIAL | COLORE/COLOR | LUNGHEZZA/LENGHT | CODICE/CODE |
|--------------------|--------------|------------------|-------------|
| PLASTICA/PLASTIC   | BLU/BLUE     | 0.5              | XLB-11      |