# CILINDRI COMPATTI ISO 21287 Ø20-100
# *ISO 21287 COMPACT CYLINDERS Ø20-100*

**Versioni disponibili -** *Available versions*
CSEM..KNF - CSEMT..KNF - CDEM..KNF - CDEMP..KNF
CSEM..KNM - CSEMT..KNM - CDEM..KNM - CDEMP..KNM

Cilindri a profilo compatto a norma ISO21287
Esecuzione esclusivamente magnetica
Disponibile anche a semplice effetto.
Vasta scelta di accessori di fissaggio

***ISO 21287 Compact cylinders***
***Available only in magnetic version***
***Available also single-acting***
***Wide range of mountings***

## Informazioni Tecniche
## *Technical Information*

| | |
|---|---|
| Testate<br>*Covers* | Alluminio pressofuso<br>*Die-casted aluminium* |
| Tubo<br>*Tube* | Alluminio anodizzato<br>*Anodized Aluminium* |
| Guarnizioni<br>*Seals* | Poliuretano e NBR<br>*Polyurethane e NBR* |
| Boccola<br>*Bush* | Bronzo sinterizzato<br>*Sintered bronze* |
| Stelo<br>*Piston rod* | Acciaio inox AISI303<br>*AISI303 Stainless steel* |
| Pressione MAX<br>*MAX pressure* | *10 bar* |
| Temperatura di impiego<br>*Temperature* | -20°C +80°C con aria secca<br>*-20°C +80°C with dry air* |
| Fluido<br>*Working fluid* | Aria compressa filtrata e lubrificata e non<br>*Filtered and lubricated or not compressed air* |

## Corse standard
## *Standard strokes*

| ø (mm) | Corse standard (mm)<br>Standard strokes (mm) |
|---|---|
| 20 | 5-10-15-20-25-30-40-50-60 |
| 25 | 5-10-15-20-25-30-40-50-60 |
| 32 | 5-10-15-20-25-30-40-50-60-80 |
| 40 | 5-10-15-20-25-30-40-50-60-80 |
| 50 | 5-10-15-20-25-30-40-50-60-80 |
| 63 | 5-10-15-20-25-30-40-50-60-80 |
| 80 | 5-10-15-20-25-30-40-50-60-80 |
| 100 | 5-10-15-20-25-30-40-50-60-80 |
| **DOPPIO EFFETTO**<br>*DOUBLE ACTING* | |

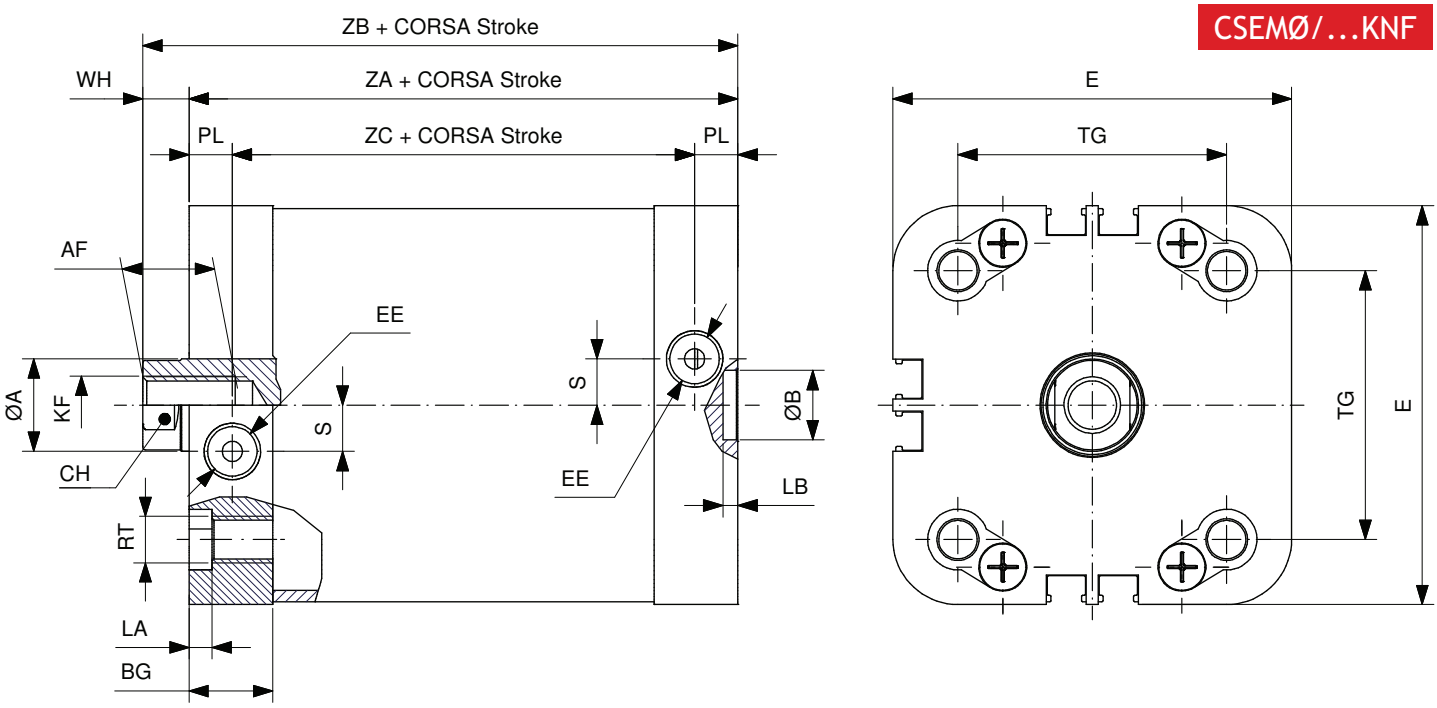
| ø (mm) | Corse standard (mm)<br>Standard strokes (mm) |
|---|---|
| 20 | 5-10-15-20-25 |
| 25 | 5-10-15-20-25 |
| 32 | 5-10-15-20-25 |
| 40 | 5-10-15-20-25 |
| 50 | 5-10-15-20-25 |
| 63 | 5-10-15-20-25 |
| 80 | 5-10-15-20-25 |
| 100 | 5-10-15-20-25 |
| **SEMPLICE EFFETTO**<br>*SINGLE ACTING* | |

## Accessori
## *Accessories*

| ømm | Cerniera femmina Female hinge | Cerniera maschio Male hinge | Flangia Flange | Cerniera snodata Male hinge w/ spherical bearing | Piedino basso Low-rise pedestal | Perno per cerniera femmina Pivot for female hinge | Articolazione a squadra Square Joint | Dado asta Piston rod nut |
|---|---|---|---|---|---|---|---|---|
| 32 | CERF32X | CERM32X | AFP32X | CERMT32X | AF32X | PERC32X | ART32X | ANA25 |
| 40 | CERF40X | CERM40X | AFP40X | CERMT40X | AF40X | PERC40X | ART40X | ANA40B |
| 50 | CERF50X | CERM50X | AFP50X | CERMT50X | AF50X | PERC50X | ART50X | ANA40B |
| 63 | CERF63X | CERM63X | AFP63X | CERMT63X | AF63X | PERC63X | ART63X | ANA50B |
| 80 | CERF80X | CERM80X | AFP80X | CERMT80X | AF80X | PERC80X | ART80X | ANA80100 |
| 100 | CERF100X | CERM100X | AFP100X | CERMT100X | AF100X | PERC100X | ART100X | ANA80100 |
| 125 | CERF125X | CERM125X | AFP125X | CERMT125X | AF125X | PERC125X | ART125X | ANA125X |
| | pag. 121 | pag. 121 | pag. 121 | pag. 123 | pag. 122 | pag. 123 | pag. 124 | pag. 119 |

# SEMPLICE EFFETTO MAGNETICO STELO FILETTATO FEMMINA
# *SINGLE ACTING MAGNETIC FEMALE THREADED PISTON ROD*

**CSEMØ/...KNF**




## DIMENSIONI
*DIMENSIONS*

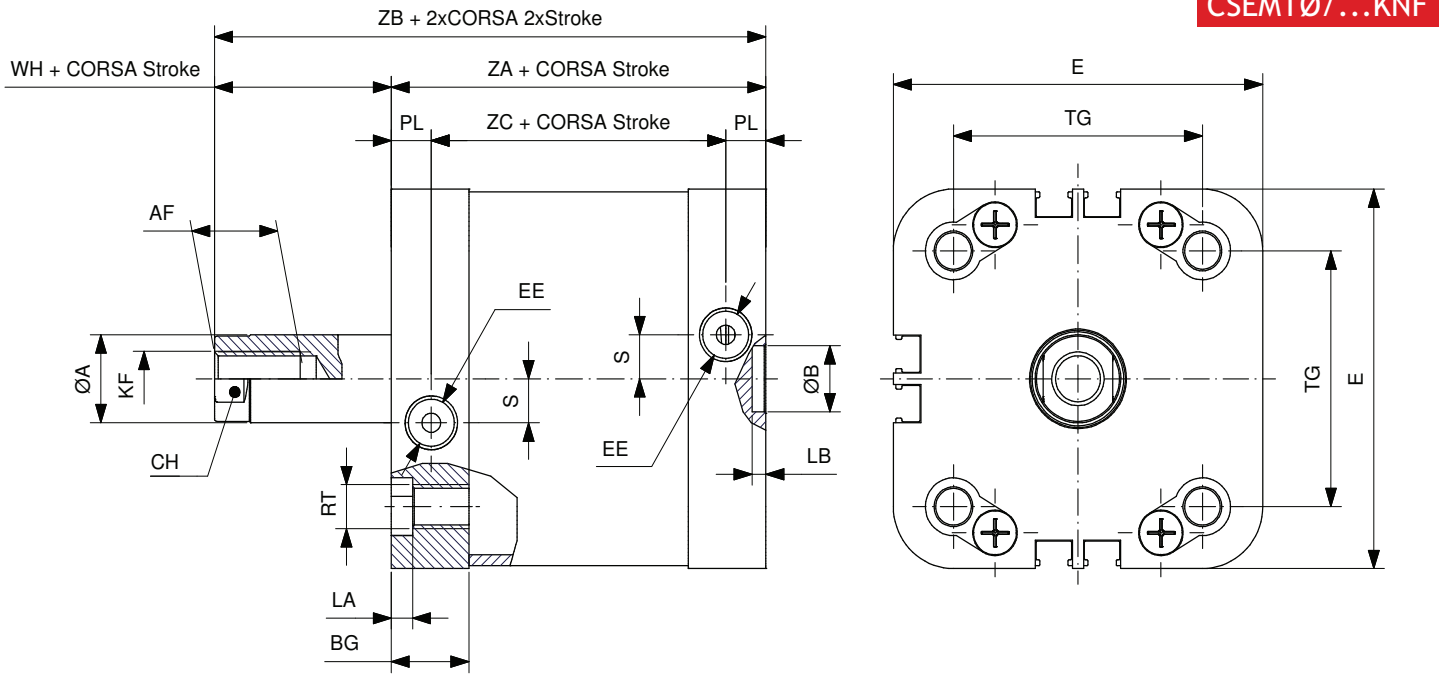
| Ø mm | ØA | CH | AF | WH | ZA | ZB | ZC | KF | EE | BG | TG | E | RT | LA | PL | ØB | LB | S |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 10 | 9 | 10 | 6 | 37 | 43 | 23 | M6X1 | M5X0.8 | 14.25 | 22 | 36 | M5X0.8 | 3 | 7 | 9 | 2.1 | 2.5 |
| 25 | 10 | 9 | 10 | 6 | 39 | 45 | 25 | M6X1 | M5X0.8 | 14 | 26 | 39.5 | M5X0.8 | 3 | 7 | 9 | 2.1 | 2.5 |
| 32 | 12 | 10 | 12 | 7 | 44 | 51 | 28.5 | M8X1.25 | 1/8"G | 15.5 | 32.5 | 49.5 | M6X1 | 3.5 | 7.75 | 9 | 2.1 | 6 |
| 40 | 12 | 10 | 12 | 7 | 45 | 52 | 29.5 | M8X1.25 | 1/8"G | 15.5 | 38 | 54 | M6X1 | 3.5 | 7.75 | 9 | 2.1 | 8 |
| 50 | 16 | 13 | 16 | 8 | 45 | 53 | 29.5 | M10X1.5 | 1/8"G | 14.5 | 46.5 | 69 | M8X1.25 | 4 | 7.5 | 12 | 2.6 | 8 |
| 63 | 16 | 13 | 16 | 8 | 49 | 57 | 33.5 | M10X1.5 | 1/8"G | 15.5 | 56.5 | 79 | M8X1.25 | 4 | 7.75 | 12 | 2.6 | 11.5 |
| 80 | 20 | 17 | 20 | 10 | 54 | 64 | 36.5 | M12X1.75 | 1/8"G | 17.5 | 72 | 94.5 | M10X1.5 | 5 | 8.75 | 12 | 2.6 | 11.5 |
| 100 | 25 | 21 | 20 | 10 | 67 | 77 | 46 | M12X1.75 | 1/8"G | 21 | 89 | 114.5 | M10X1.5 | 5 | 10.5 | 12 | 2.6 | 20 |

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

| Ø mm | FORZA DI SPINTA (N) *THRUST FORCE (N)* | FORZA DI TRAZIONE (N) *TRACTION FORCE (N)* | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CORSA/*STROKE* 5 | | CORSA/*STROKE* 10 | | CORSA/*STROKE* 15 | | CORSA/*STROKE* 20 | | CORSA/*STROKE* 25 | |
| | | F1 | F2 | F1 | F2 | F1 | F2 | F1 | F2 | F1 | F2 |
| 20 | 160 | 8 | 9 | 7 | 9 | 6 | 9 | 5 | 9 | 4 | 9 |
| 25 | 243 | 19 | 22 | 16 | 22 | 13 | 22 | 10 | 22 | 7 | 22 |
| 32 | 407 | 24 | 27 | 21 | 27 | 18 | 27 | 14 | 27 | 11 | 27 |
| 40 | 642 | 33 | 36 | 29 | 36 | 26 | 36 | 23 | 36 | 19 | 36 |
| 50 | 1006 | 50 | 54 | 45 | 54 | 41 | 54 | 37 | 54 | 32 | 54 |
| 63 | 1606 | 69 | 76 | 62 | 76 | 55 | 76 | 48 | 76 | 41 | 76 |
| 80 | 2617 | 87 | 96 | 81 | 96 | 73 | 96 | 66 | 96 | 58 | 96 |
| 100 | 4144 | 87 | 95 | 79 | 95 | 71 | 95 | 63 | 95 | 55 | 95 |

# SEMPLICE EFFETTO MOLLA POSTERIORE MAGN. STELO FILETTATO FEMMINA
## *SINGLE ACTING EXTENDED PISTON ROD MAGN. FEMALE THREADED PISTON ROD*

CSEMTØ/...KNF




## DIMENSIONI
*DIMENSIONS*

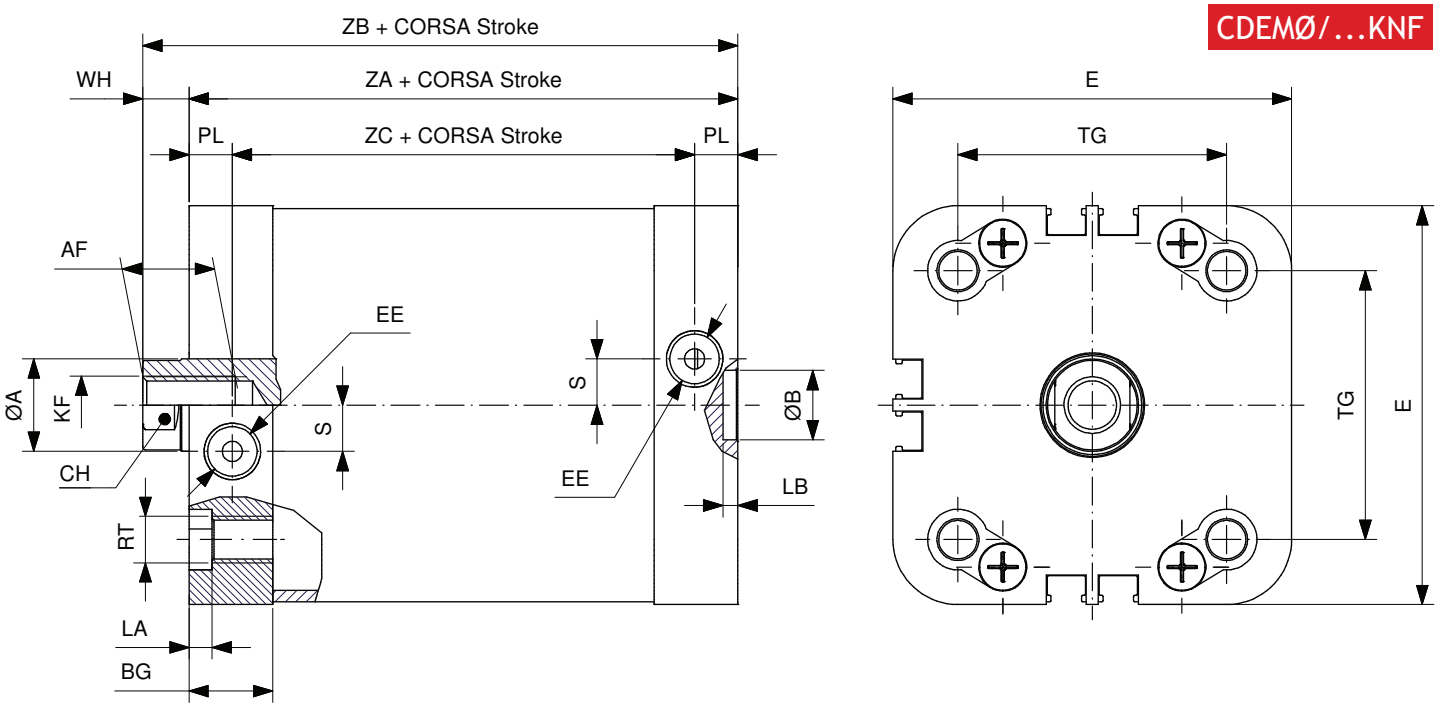
| Ø mm | ØA | CH | AF | WH | ZA | ZB | ZC | KF | EE | BG | TG | E | RT | LA | PL | ØB | LB | S |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 10 | 9 | 10 | 6 | 37 | 43 | 23 | M6X1 | M5X0.8 | 14.25 | 22 | 36 | M5X0.8 | 3 | 7 | 9 | 2.1 | 2.5 |
| 25 | 10 | 9 | 10 | 6 | 39 | 45 | 25 | M6X1 | M5X0.8 | 14 | 26 | 39.5 | M5X0.8 | 3 | 7 | 9 | 2.1 | 2.5 |
| 32 | 12 | 10 | 12 | 7 | 44 | 51 | 28.5 | M8X1.25 | 1/8"G | 15.5 | 32.5 | 49.5 | M6X1 | 3.5 | 7.75 | 9 | 2.1 | 6 |
| 40 | 12 | 10 | 12 | 7 | 45 | 52 | 29.5 | M8X1.25 | 1/8"G | 15.5 | 38 | 54 | M6X1 | 3.5 | 7.75 | 9 | 2.1 | 8 |
| 50 | 16 | 13 | 16 | 8 | 45 | 53 | 29.5 | M10X1.5 | 1/8"G | 14.5 | 46.5 | 69 | M8X1.25 | 4 | 7.5 | 12 | 2.6 | 8 |
| 63 | 16 | 13 | 16 | 8 | 49 | 57 | 33.5 | M10X1.5 | 1/8"G | 15.5 | 56.5 | 79 | M8X1.25 | 4 | 7.75 | 12 | 2.6 | 11.5 |
| 80 | 20 | 17 | 20 | 10 | 54 | 64 | 36.5 | M12X1.75 | 1/8"G | 17.5 | 72 | 94.5 | M10X1.5 | 5 | 8.75 | 12 | 2.6 | 11.5 |
| 100 | 25 | 21 | 20 | 10 | 67 | 77 | 46 | M12X1.75 | 1/8"G | 21 | 89 | 114.5 | M10X1.5 | 5 | 10.5 | 12 | 2.6 | 20 |

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

| Ø mm | FORZA DI TRAZIONE (N) *TRACTION FORCE (N)* | FORZA DI SPINTA (N) *THRUST FORCE (N)* | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CORSA/*STROKE* 5 | | CORSA/*STROKE* 10 | | CORSA/*STROKE* 15 | | CORSA/*STROKE* 20 | | CORSA/*STROKE* 25 | |
| | | F1 | F2 | F1 | F2 | F1 | F2 | F1 | F2 | F1 | F2 |
| 20 | 118 | 8 | 9 | 7 | 9 | 6 | 9 | 5 | 9 | 4 | 9 |
| 25 | 201 | 19 | 22 | 16 | 22 | 13 | 22 | 10 | 22 | 7 | 22 |
| 32 | 346 | 24 | 27 | 21 | 27 | 18 | 27 | 14 | 27 | 11 | 27 |
| 40 | 581 | 33 | 36 | 29 | 36 | 26 | 36 | 23 | 36 | 19 | 36 |
| 50 | 897 | 50 | 54 | 45 | 54 | 41 | 54 | 37 | 54 | 32 | 54 |
| 63 | 1498 | 69 | 76 | 62 | 76 | 55 | 76 | 48 | 76 | 41 | 76 |
| 80 | 2447 | 87 | 96 | 81 | 96 | 73 | 96 | 66 | 96 | 58 | 96 |
| 100 | 3879 | 87 | 95 | 79 | 95 | 71 | 95 | 63 | 95 | 55 | 95 |

# DOPPIO EFFETTO MAGNETICO STELO FILETTATO FEMMINA
# *DOUBLE ACTING MAGNETIC FEMALE THREADED PISTON ROD*

**CDEMØ/...KNF**




## DIMENSIONI
*DIMENSIONS*

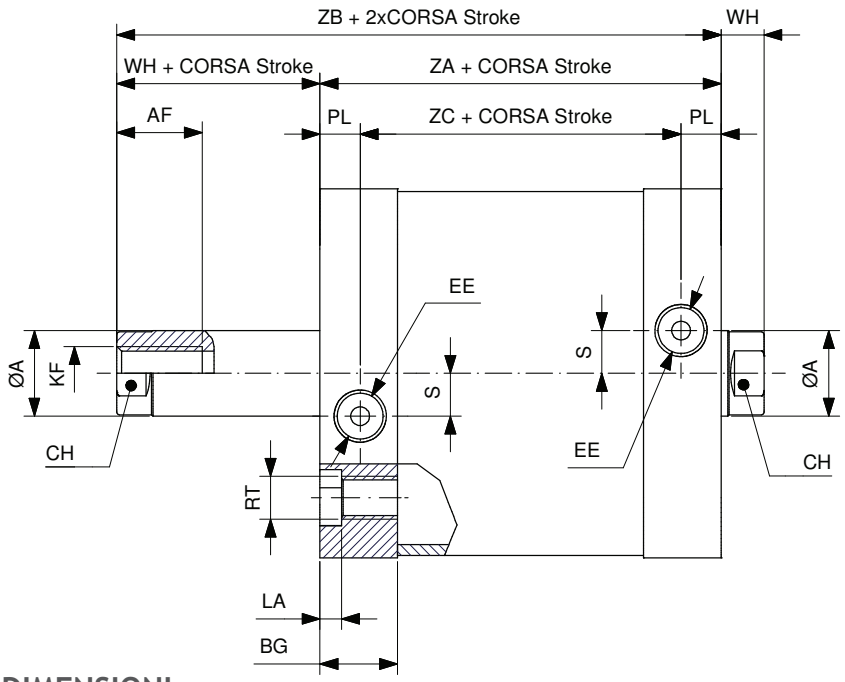
| Ø mm | ØA | CH | AF | WH | ZA | ZB | ZC | KF | EE | BG | TG | E | RT | LA | PL | ØB | LB | S |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 10 | 9 | 10 | 6 | 37 | 43 | 23 | M6X1 | M5X0.8 | 14.25 | 22 | 36 | M5X0.8 | 3 | 7 | 9 | 2.1 | 2.5 |
| 25 | 10 | 9 | 10 | 6 | 39 | 45 | 25 | M6X1 | M5X0.8 | 14 | 26 | 39.5 | M5X0.8 | 3 | 7 | 9 | 2.1 | 2.5 |
| 32 | 12 | 10 | 12 | 7 | 44 | 51 | 28.5 | M8X1.25 | 1/8"G | 15.5 | 32.5 | 49.5 | M6X1 | 3.5 | 7.75 | 9 | 2.1 | 6 |
| 40 | 12 | 10 | 12 | 7 | 45 | 52 | 29.5 | M8X1.25 | 1/8"G | 15.5 | 38 | 54 | M6X1 | 3.5 | 7.75 | 9 | 2.1 | 8 |
| 50 | 16 | 13 | 16 | 8 | 45 | 53 | 29.5 | M10X1.5 | 1/8"G | 14.5 | 46.5 | 69 | M8X1.25 | 4 | 7.5 | 12 | 2.6 | 8 |
| 63 | 16 | 13 | 16 | 8 | 49 | 57 | 33.5 | M10X1.5 | 1/8"G | 15.5 | 56.5 | 79 | M8X1.25 | 4 | 7.75 | 12 | 2.6 | 11.5 |
| 80 | 20 | 17 | 20 | 10 | 54 | 64 | 36.5 | M12X1.75 | 1/8"G | 17.5 | 72 | 94.5 | M10X1.5 | 5 | 8.75 | 12 | 2.6 | 11.5 |
| 100 | 25 | 21 | 20 | 10 | 67 | 77 | 46 | M12X1.75 | 1/8"G | 21 | 89 | 114.5 | M10X1.5 | 5 | 10.5 | 12 | 2.6 | 20 |

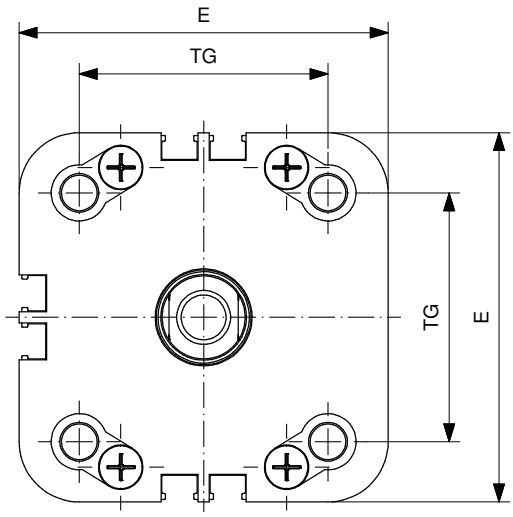
## FORZE DI TRAZIONE E SPINTA (6 BAR)
*TRACTION AND THRUST FORCES (6 BAR)*

| Ø mm | FORZA DI SPINTA (N)<br>*THRUST FORCE (N)* | FORZA DI TRAZIONE (N)<br>*TRACTION FORCE (N)* |
|---|---|---|
| **20** | 170 | 127 |
| **25** | 265 | 222 |
| **32** | 434 | 373 |
| **40** | 678 | 617 |
| **50** | 1060 | 951 |
| **63** | 1682 | 1573 |
| **80** | 2713 | 2543 |
| **100** | 4239 | 3974 |

# DOPPIO EFFETTO MAGNETICO STELO PASSANTE FILETTATO FEMMINA
# *DOUBLE ACTING MAGNETIC FEMALE THREADED THROUGH PISTON ROD*

CDEMPØ/...KNF




## DIMENSIONI
*DIMENSIONS*

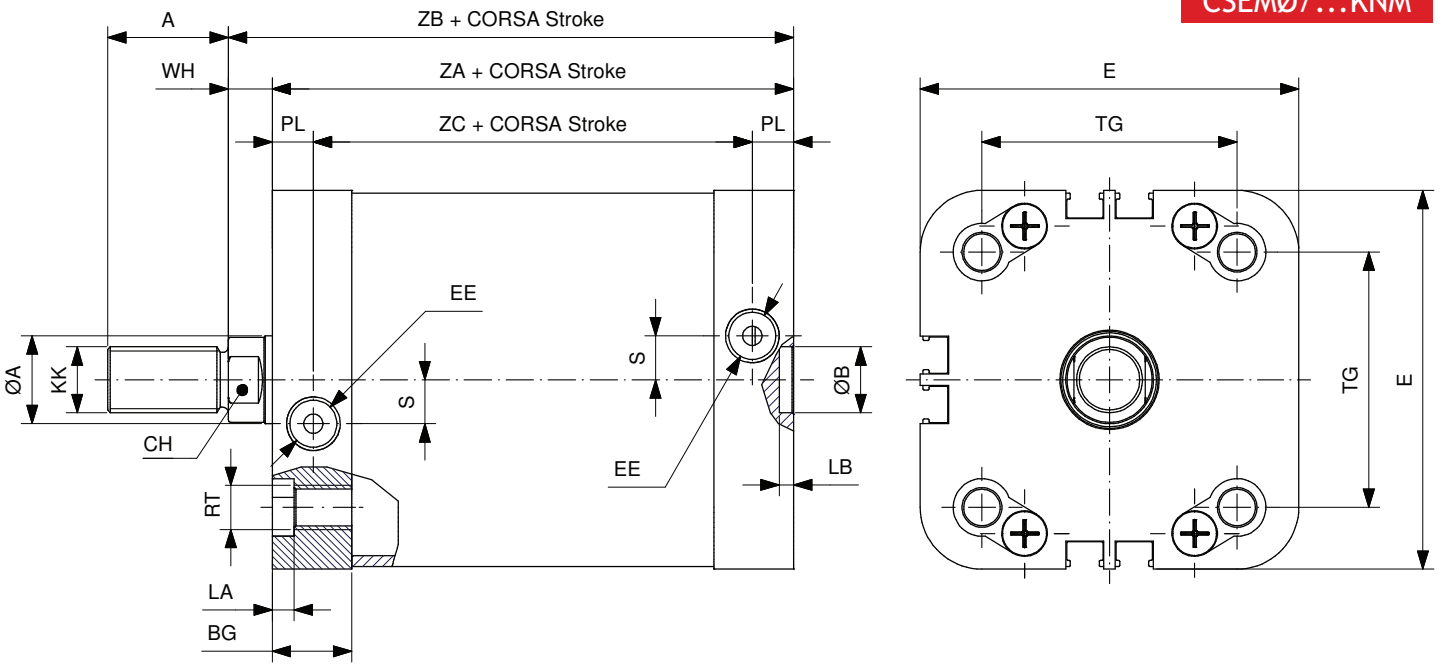
| Ø mm | ØA | CH | AF | WH | ZA | ZB | ZC | KF | EE | BG | TG | E | RT | LA | PL | ØB | LB | S |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 10 | 9 | 10 | 6 | 37 | 43 | 23 | M6X1 | M5X0.8 | 14.25 | 22 | 36 | M5X0.8 | 3 | 7 | 9 | 2.1 | 2.5 |
| 25 | 10 | 9 | 10 | 6 | 39 | 45 | 25 | M6X1 | M5X0.8 | 14 | 26 | 39.5 | M5X0.8 | 3 | 7 | 9 | 2.1 | 2.5 |
| 32 | 12 | 10 | 12 | 7 | 44 | 51 | 28.5 | M8X1.25 | 1/8"G | 15.5 | 32.5 | 49.5 | M6X1 | 3.5 | 7.75 | 9 | 2.1 | 6 |
| 40 | 12 | 10 | 12 | 7 | 45 | 52 | 29.5 | M8X1.25 | 1/8"G | 15.5 | 38 | 54 | M6X1 | 3.5 | 7.75 | 9 | 2.1 | 8 |
| 50 | 16 | 13 | 16 | 8 | 45 | 53 | 29.5 | M10X1.5 | 1/8"G | 14.5 | 46.5 | 69 | M8X1.25 | 4 | 7.5 | 12 | 2.6 | 8 |
| 63 | 16 | 13 | 16 | 8 | 49 | 57 | 33.5 | M10X1.5 | 1/8"G | 15.5 | 56.5 | 79 | M8X1.25 | 4 | 7.75 | 12 | 2.6 | 11.5 |
| 80 | 20 | 17 | 20 | 10 | 54 | 64 | 36.5 | M12X1.75 | 1/8"G | 17.5 | 72 | 94.5 | M10X1.5 | 5 | 8.75 | 12 | 2.6 | 11.5 |
| 100 | 25 | 21 | 20 | 10 | 67 | 77 | 46 | M12X1.75 | 1/8"G | 21 | 89 | 114.5 | M10X1.5 | 5 | 10.5 | 12 | 2.6 | 20 |

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

| Ø mm | FORZA DI SPINTA (N) *THRUST FORCE (N)* | FORZA DI TRAZIONE (N) *TRACTION FORCE (N)* |
|---|---|---|
| 20 | 127 | 127 |
| 25 | 222 | 222 |
| 32 | 373 | 373 |
| 40 | 617 | 617 |
| 50 | 951 | 951 |
| 63 | 1573 | 1573 |
| 80 | 2543 | 2543 |
| 100 | 3974 | 3974 |

# SEMPLICE EFFETTO MAGNETICO STELO FILETTATO MASCHIO
# *SINGLE ACTING MAGNETIC MALE THREADED PISTON ROD*

**CSEMØ/...KNM**




## DIMENSIONI
*DIMENSIONS*

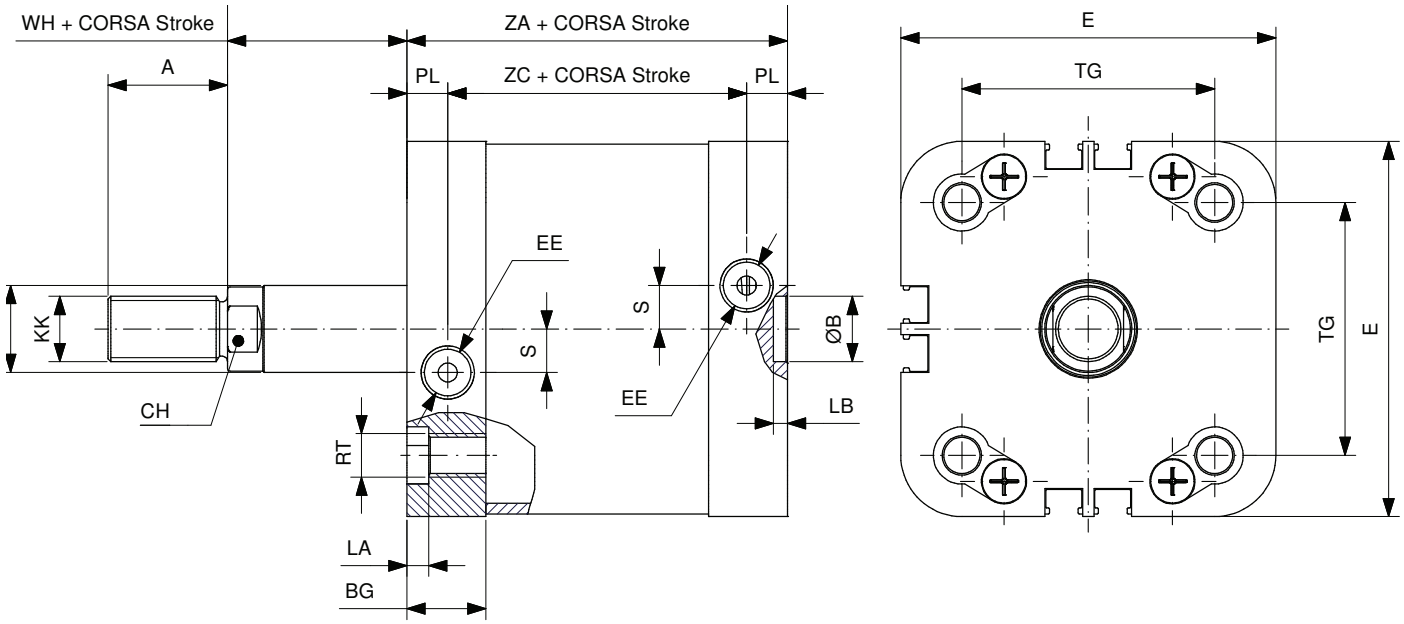
| Ø mm | ØA | CH | A | WH | ZA | ZB | ZC | KK | EE | BG | TG | E | RT | LA | PL | ØB | LB | S |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 10 | 9 | 16 | 6 | 37 | 43 | 23 | M8X1.25 | M5X0.8 | 14.25 | 22 | 36 | M5X0.8 | 3 | 7 | 9 | 2.1 | 2.5 |
| 25 | 10 | 9 | 16 | 6 | 39 | 45 | 25 | M8X1.25 | M5X0.8 | 14 | 26 | 39.5 | M5X0.8 | 3 | 7 | 9 | 2.1 | 2.5 |
| 32 | 12 | 10 | 19 | 7 | 44 | 51 | 28.5 | M10X1.25 | 1/8"G | 15.5 | 32.5 | 49.5 | M6X1 | 3.5 | 7.75 | 9 | 2.1 | 6 |
| 40 | 12 | 10 | 19 | 7 | 45 | 52 | 29.5 | M10X1.25 | 1/8"G | 15.5 | 38 | 54 | M6X1 | 3.5 | 7.75 | 9 | 2.1 | 8 |
| 50 | 16 | 13 | 22 | 8 | 45 | 53 | 29.5 | M12X1.25 | 1/8"G | 14.5 | 46.5 | 69 | M8X1.25 | 4 | 7.5 | 12 | 2.6 | 8 |
| 63 | 16 | 13 | 22 | 8 | 49 | 57 | 33.5 | M12X1.25 | 1/8"G | 15.5 | 56.5 | 79 | M8X1.25 | 4 | 7.75 | 12 | 2.6 | 11.5 |
| 80 | 20 | 17 | 28 | 10 | 54 | 64 | 36.5 | M16X1.5 | 1/8"G | 17.5 | 72 | 94.5 | M10X1.5 | 5 | 8.75 | 12 | 2.6 | 11.5 |
| 100 | 25 | 21 | 28 | 10 | 67 | 77 | 46 | M16X1.5 | 1/8"G | 21 | 89 | 114.5 | M10X1.5 | 5 | 10.5 | 12 | 2.6 | 20 |

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

| Ø mm | FORZA DI SPINTA (N) *THRUST FORCE (N)* | FORZA DI TRAZIONE (N) *TRACTION FORCE (N)* | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CORSA/*STROKE* 5 | | CORSA/*STROKE* 10 | | CORSA/*STROKE* 15 | | CORSA/*STROKE* 20 | | CORSA/*STROKE* 25 | |
| | | F1 | F2 | F1 | F2 | F1 | F2 | F1 | F2 | F1 | F2 |
| 20 | 160 | 8 | 9 | 7 | 9 | 6 | 9 | 5 | 9 | 4 | 9 |
| 25 | 243 | 19 | 22 | 16 | 22 | 13 | 22 | 10 | 22 | 7 | 22 |
| 32 | 407 | 24 | 27 | 21 | 27 | 18 | 27 | 14 | 27 | 11 | 27 |
| 40 | 642 | 33 | 36 | 29 | 36 | 26 | 36 | 23 | 36 | 19 | 36 |
| 50 | 1006 | 50 | 54 | 45 | 54 | 41 | 54 | 37 | 54 | 32 | 54 |
| 63 | 1606 | 69 | 76 | 62 | 76 | 55 | 76 | 48 | 76 | 41 | 76 |
| 80 | 2617 | 87 | 96 | 81 | 96 | 73 | 96 | 66 | 96 | 58 | 96 |
| 100 | 4144 | 87 | 95 | 79 | 95 | 71 | 95 | 63 | 95 | 55 | 95 |

# SEMPLICE EFFETTO MOLLA POSTERIORE MAGN. STELO FILETTATO MASCHIO
## *SINGLE ACTING EXTENDED PISTON ROD MAGN. MALE THREADED PISTON ROD*

**CSEMTØ/...KNM**




## DIMENSIONI
*DIMENSIONS*

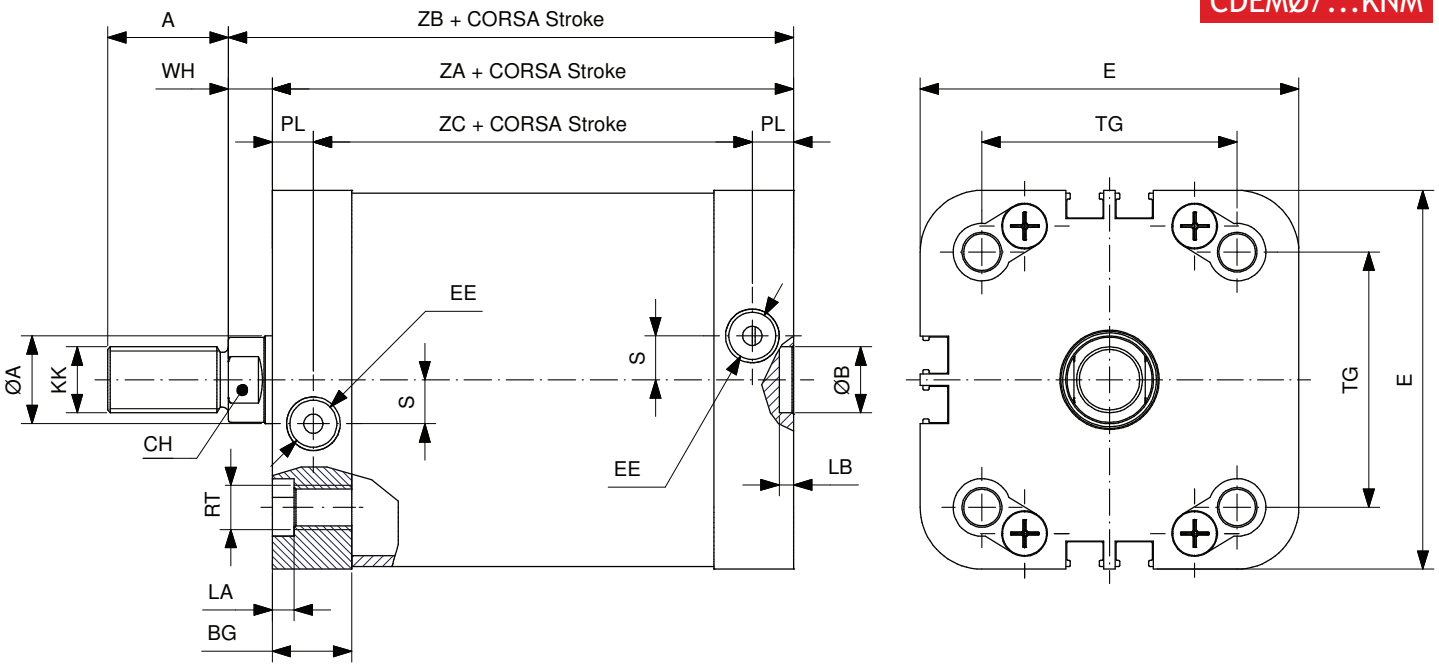
| Ø mm | ØA | CH | A | WH | ZA | ZB | ZC | KK | EE | BG | TG | E | RT | LA | PL | ØB | LB | S |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 10 | 9 | 16 | 6 | 37 | 43 | 23 | M8X1.25 | M5X0.8 | 14.25 | 22 | 36 | M5X0.8 | 3 | 7 | 9 | 2.1 | 2.5 |
| 25 | 10 | 9 | 16 | 6 | 39 | 45 | 25 | M8X1.25 | M5X0.8 | 14 | 26 | 39.5 | M5X0.8 | 3 | 7 | 9 | 2.1 | 2.5 |
| 32 | 12 | 10 | 19 | 7 | 44 | 51 | 28.5 | M10X1.25 | 1/8"G | 15.5 | 32.5 | 49.5 | M6X1 | 3.5 | 7.75 | 9 | 2.1 | 6 |
| 40 | 12 | 10 | 19 | 7 | 45 | 52 | 29.5 | M10X1.25 | 1/8"G | 15.5 | 38 | 54 | M6X1 | 3.5 | 7.75 | 9 | 2.1 | 8 |
| 50 | 16 | 13 | 22 | 8 | 45 | 53 | 29.5 | M12X1.25 | 1/8"G | 14.5 | 46.5 | 69 | M8X1.25 | 4 | 7.5 | 12 | 2.6 | 8 |
| 63 | 16 | 13 | 22 | 8 | 49 | 57 | 33.5 | M12X1.25 | 1/8"G | 15.5 | 56.5 | 79 | M8X1.25 | 4 | 7.75 | 12 | 2.6 | 11.5 |
| 80 | 20 | 17 | 28 | 10 | 54 | 64 | 36.5 | M16X1.5 | 1/8"G | 17.5 | 72 | 94.5 | M10X1.5 | 5 | 8.75 | 12 | 2.6 | 11.5 |
| 100 | 25 | 21 | 28 | 10 | 67 | 77 | 46 | M16X1.5 | 1/8"G | 21 | 89 | 114.5 | M10X1.5 | 5 | 10.5 | 12 | 2.6 | 20 |

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

| Ø mm | FORZA DI TRAZIONE (N) *TRACTION FORCE (N)* | FORZA DI SPINTA (N) *THRUST FORCE (N)* | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CORSA/*STROKE* 5 | | CORSA/*STROKE* 10 | | CORSA/*STROKE* 15 | | CORSA/*STROKE* 20 | | CORSA/*STROKE* 25 | |
| | | F1 | F2 | F1 | F2 | F1 | F2 | F1 | F2 | F1 | F2 |
| **20** | 118 | 8 | 9 | 7 | 9 | 6 | 9 | 5 | 9 | 4 | 9 |
| **25** | 201 | 19 | 22 | 16 | 22 | 13 | 22 | 10 | 22 | 7 | 22 |
| **32** | 346 | 24 | 27 | 21 | 27 | 18 | 27 | 14 | 27 | 11 | 27 |
| **40** | 581 | 33 | 36 | 29 | 36 | 26 | 36 | 23 | 36 | 19 | 36 |
| **50** | 897 | 50 | 54 | 45 | 54 | 41 | 54 | 37 | 54 | 32 | 54 |
| **63** | 1498 | 69 | 76 | 62 | 76 | 55 | 76 | 48 | 76 | 41 | 76 |
| **80** | 2447 | 87 | 96 | 81 | 96 | 73 | 96 | 66 | 96 | 58 | 96 |
| **100** | 3879 | 87 | 95 | 79 | 95 | 71 | 95 | 63 | 95 | 55 | 95 |

# DOPPIO EFFETTO MAGNETICO STELO FILETTATO MASCHIO
# *DOUBLE ACTING MAGNETIC MALE THREADED PISTON ROD*

CDEMØ/...KNM




## DIMENSIONI
*DIMENSIONS*

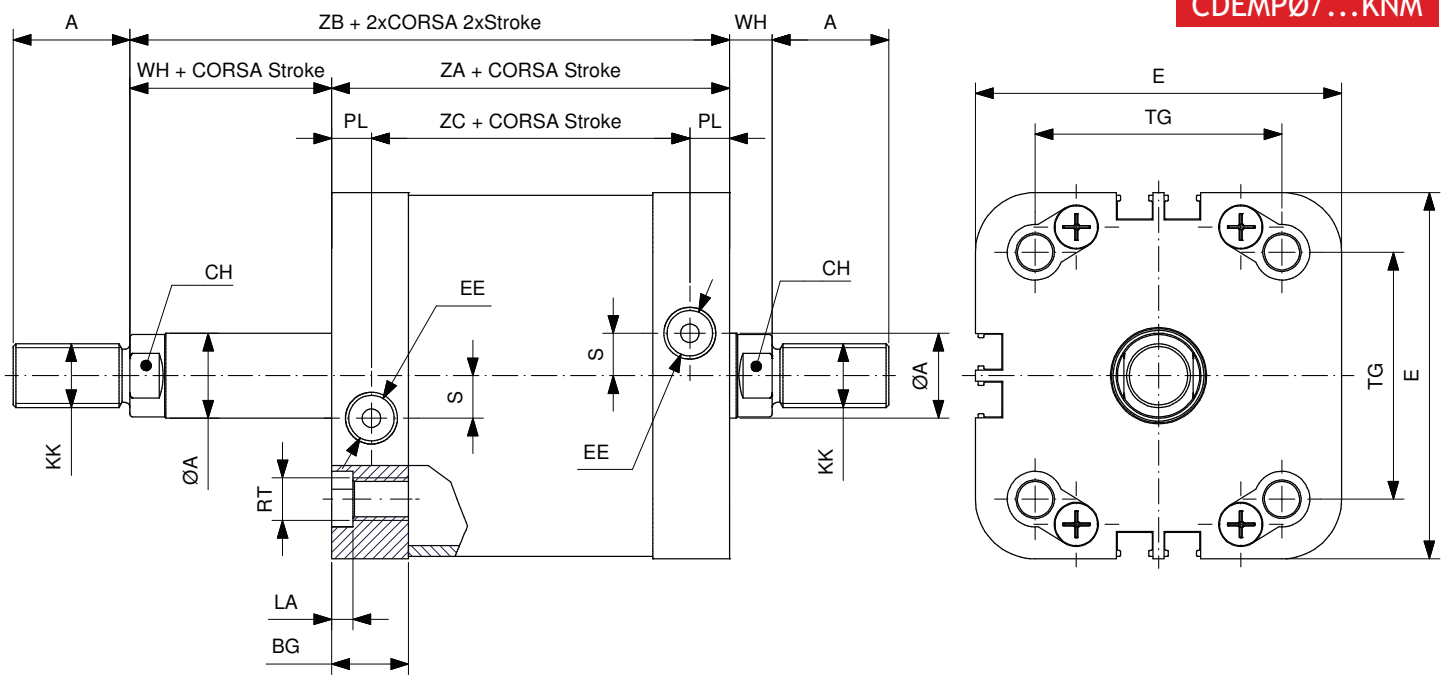
| Ø mm | ØA | CH | A | WH | ZA | ZB | ZC | KK | EE | BG | TG | E | RT | LA | PL | ØB | LB | S |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 10 | 9 | 16 | 6 | 37 | 43 | 23 | M8X1.25 | M5X0.8 | 14.25 | 22 | 36 | M5X0.8 | 3 | 7 | 9 | 2.1 | 2.5 |
| 25 | 10 | 9 | 16 | 6 | 39 | 45 | 25 | M8X1.25 | M5X0.8 | 14 | 26 | 39.5 | M5X0.8 | 3 | 7 | 9 | 2.1 | 2.5 |
| 32 | 12 | 10 | 19 | 7 | 44 | 51 | 28.5 | M10X1.25 | 1/8"G | 15.5 | 32.5 | 49.5 | M6X1 | 3.5 | 7.75 | 9 | 2.1 | 6 |
| 40 | 12 | 10 | 19 | 7 | 45 | 52 | 29.5 | M10X1.25 | 1/8"G | 15.5 | 38 | 54 | M6X1 | 3.5 | 7.75 | 9 | 2.1 | 8 |
| 50 | 16 | 13 | 22 | 8 | 45 | 53 | 29.5 | M12X1.25 | 1/8"G | 14.5 | 46.5 | 69 | M8X1.25 | 4 | 7.5 | 12 | 2.6 | 8 |
| 63 | 16 | 13 | 22 | 8 | 49 | 57 | 33.5 | M12X1.25 | 1/8"G | 15.5 | 56.5 | 79 | M8X1.25 | 4 | 7.75 | 12 | 2.6 | 11.5 |
| 80 | 20 | 17 | 28 | 10 | 54 | 64 | 36.5 | M16X1.5 | 1/8"G | 17.5 | 72 | 94.5 | M10X1.5 | 5 | 8.75 | 12 | 2.6 | 11.5 |
| 100 | 25 | 21 | 28 | 10 | 67 | 77 | 46 | M16X1.5 | 1/8"G | 21 | 89 | 114.5 | M10X1.5 | 5 | 10.5 | 12 | 2.6 | 20 |

## 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)* |
|---|---|---|
| **20** | 170 | 127 |
| **25** | 265 | 222 |
| **32** | 434 | 373 |
| **40** | 678 | 617 |
| **50** | 1060 | 951 |
| **63** | 1682 | 1573 |
| **80** | 2713 | 2543 |
| **100** | 4239 | 3974 |

# DOPPIO EFFETTO MAGNETICO STELO PASSANTE FILETTATO MASCHIO
# *DOUBLE ACTING MAGNETIC MALE THREADED THROUGH PISTON ROD*

**CDEMPØ/...KNM**




## DIMENSIONI
*DIMENSIONS*

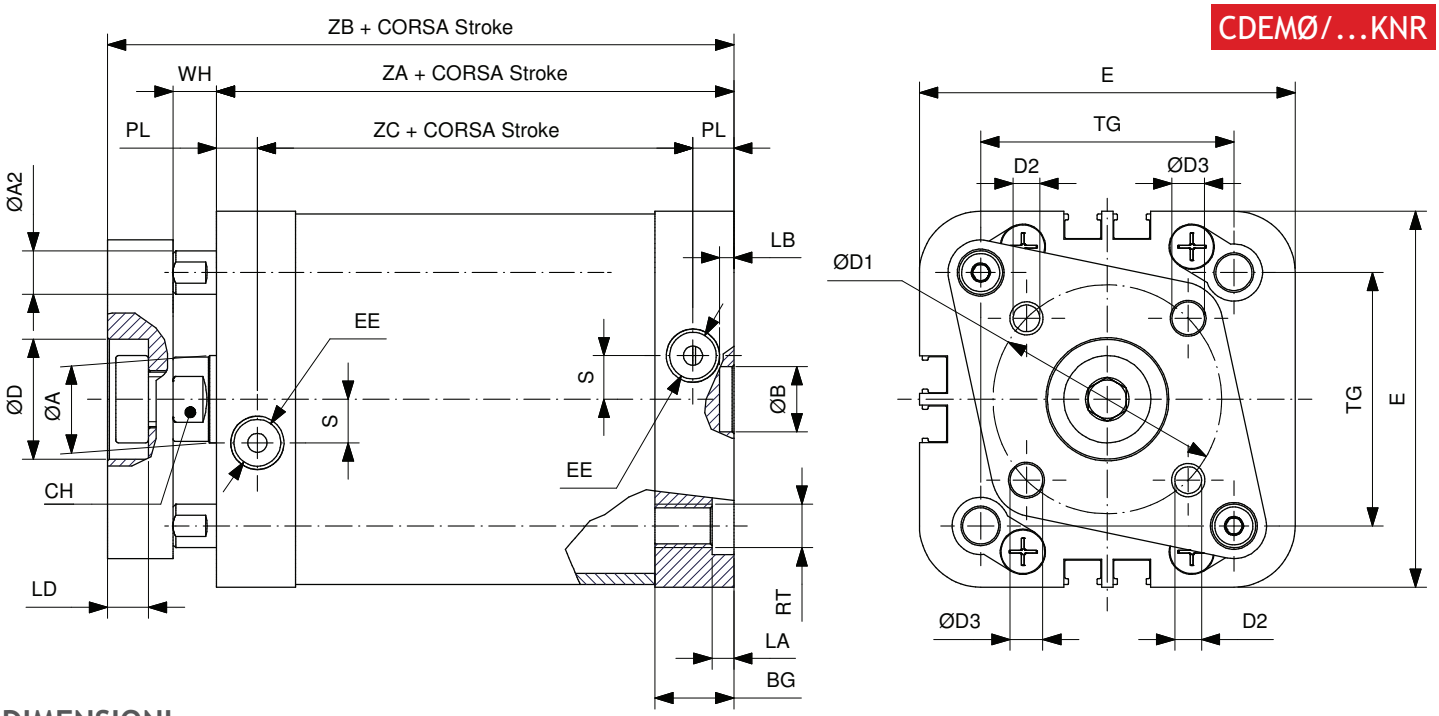
| Ø mm | ØA | CH | A | WH | ZA | ZB | ZC | KK | EE | BG | TG | E | RT | LA | PL | ØB | LB | S |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 10 | 9 | 16 | 6 | 37 | 43 | 23 | M8X1.25 | M5X0.8 | 14.25 | 22 | 36 | M5X0.8 | 3 | 7 | 9 | 2.1 | 2.5 |
| 25 | 10 | 9 | 16 | 6 | 39 | 45 | 25 | M8X1.25 | M5X0.8 | 14 | 26 | 39.5 | M5X0.8 | 3 | 7 | 9 | 2.1 | 2.5 |
| 32 | 12 | 10 | 19 | 7 | 44 | 51 | 28.5 | M10X1.25 | 1/8"G | 15.5 | 32.5 | 49.5 | M6X1 | 3.5 | 7.75 | 9 | 2.1 | 6 |
| 40 | 12 | 10 | 19 | 7 | 45 | 52 | 29.5 | M10X1.25 | 1/8"G | 15.5 | 38 | 54 | M6X1 | 3.5 | 7.75 | 9 | 2.1 | 8 |
| 50 | 16 | 13 | 22 | 8 | 45 | 53 | 29.5 | M12X1.25 | 1/8"G | 14.5 | 46.5 | 69 | M8X1.25 | 4 | 7.5 | 12 | 2.6 | 8 |
| 63 | 16 | 13 | 22 | 8 | 49 | 57 | 33.5 | M12X1.25 | 1/8"G | 15.5 | 56.5 | 79 | M8X1.25 | 4 | 7.75 | 12 | 2.6 | 11.5 |
| 80 | 20 | 17 | 28 | 10 | 54 | 64 | 36.5 | M16X1.5 | 1/8"G | 17.5 | 72 | 94.5 | M10X1.5 | 5 | 8.75 | 12 | 2.6 | 11.5 |
| 100 | 25 | 21 | 28 | 10 | 67 | 77 | 46 | M16X1.5 | 1/8"G | 21 | 89 | 114.5 | M10X1.5 | 5 | 10.5 | 12 | 2.6 | 20 |

## 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)* |
|---|---|---|
| **20** | 127 | 127 |
| **25** | 222 | 222 |
| **32** | 373 | 373 |
| **40** | 617 | 617 |
| **50** | 951 | 951 |
| **63** | 1573 | 1573 |
| **80** | 2543 | 2543 |
| **100** | 3974 | 3974 |

# ANTIROTAZIONE DOPPIO EFFETTO MAGNETICO
# *NON ROTATING DOUBLE ACTING MAGNETIC*

**CDEMØ/...KNR**




## DIMENSIONI
*DIMENSIONS*

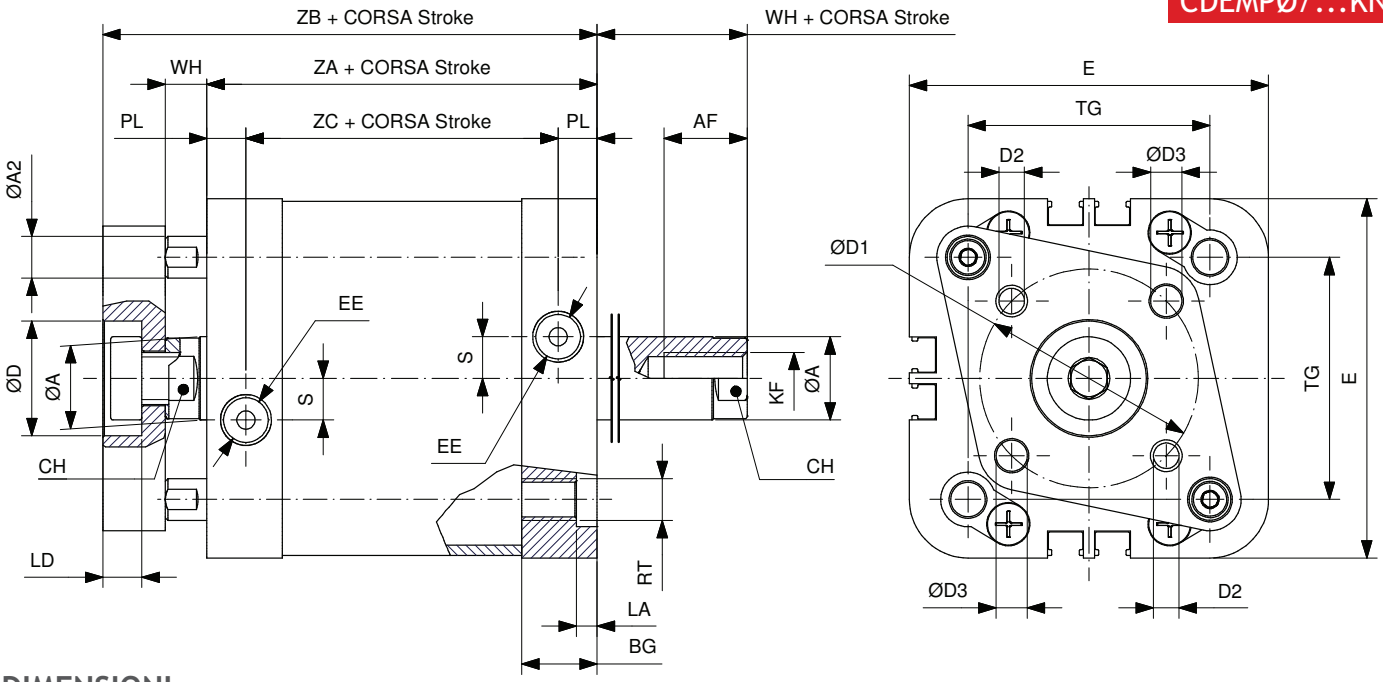
| Ø mm | ØA | ØD | LD | ØA2 | WH | ZA | ZB | ZC | EE | PL | S | RT | BG | LA | TG | E | ØD1 | D2 | ØD3 | ØB | LB | CH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 10 | 10,5 | 5,5 | 5 | 6 | 37 | 51 | 23 | M5X0.8 | 7 | 2.5 | M5X0.8 | 14.25 | 3 | 22 | 36 | 17 | M4X0.7 | 4 | 9 | 2.1 | 9 |
| 25 | 10 | 14 | 5,5 | 5 | 6 | 39 | 53 | 25 | M5X0.8 | 7 | 2.5 | M5X0.8 | 14 | 3 | 26 | 39.5 | 22 | M5X0.8 | 5 | 9 | 2.1 | 9 |
| 32 | 12 | 17 | 6,5 | 5 | 7 | 44 | 61 | 28.5 | 1/8"G | 7.75 | 6 | M6X1 | 15.5 | 3.5 | 32.5 | 49.5 | 28 | M5X0.8 | 5 | 9 | 2.1 | 10 |
| 40 | 12 | 17 | 6 | 6 | 7 | 45 | 62 | 29.5 | 1/8"G | 7.75 | 8 | M6X1 | 15.5 | 3.5 | 38 | 54 | 33 | M5X0.8 | 5 | 9 | 2.1 | 10 |
| 50 | 16 | 22 | 7,5 | 8 | 8 | 45 | 65 | 29.5 | 1/8"G | 7.5 | 8 | M8X1.25 | 14.5 | 4 | 46.5 | 69 | 42 | M6X1 | 6 | 12 | 2.6 | 13 |
| 63 | 16 | 22 | 7,5 | 8 | 8 | 49 | 69 | 33.5 | 1/8"G | 7.75 | 11.5 | M8X1.25 | 15.5 | 4 | 56.5 | 79 | 50 | M6X1 | 6 | 12 | 2.6 | 13 |
| 80 | 20 | 24 | 10,5 | 10 | 10 | 54 | 78 | 36.5 | 1/8"G | 8.75 | 11.5 | M10X1.5 | 17.5 | 5 | 72 | 94.5 | 65 | M8X1.25 | 8 | 12 | 2.6 | 17 |
| 100 | 25 | 24 | 10,5 | 10 | 10 | 67 | 91 | 46 | 1/8"G | 10.5 | 20 | M10X1.5 | 21 | 5 | 89 | 114.5 | 80 | M10X1.25 | 10 | 12 | 2.6 | 21 |

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

| Ø mm | FORZA DI SPINTA (N) *THRUST FORCE (N)* | FORZA DI TRAZIONE (N) *TRACTION FORCE (N)* |
|---|---|---|
| **20** | 170 | 127 |
| **25** | 265 | 222 |
| **32** | 434 | 373 |
| **40** | 678 | 617 |
| **50** | 1060 | 951 |
| **63** | 1682 | 1573 |
| **80** | 2713 | 2543 |
| **100** | 4239 | 3974 |

# ANTIROTAZIONE DOPPIO EFFETTO MAGN. STELO PASSANTE FILETTATO FEMMINA
## *NON ROTATING DOUBLE ACTING MAGN. FEMALE THREADED THROUGH PISTON ROD*

**CDEMPØ/...KNRF**




## DIMENSIONI
*DIMENSIONS*

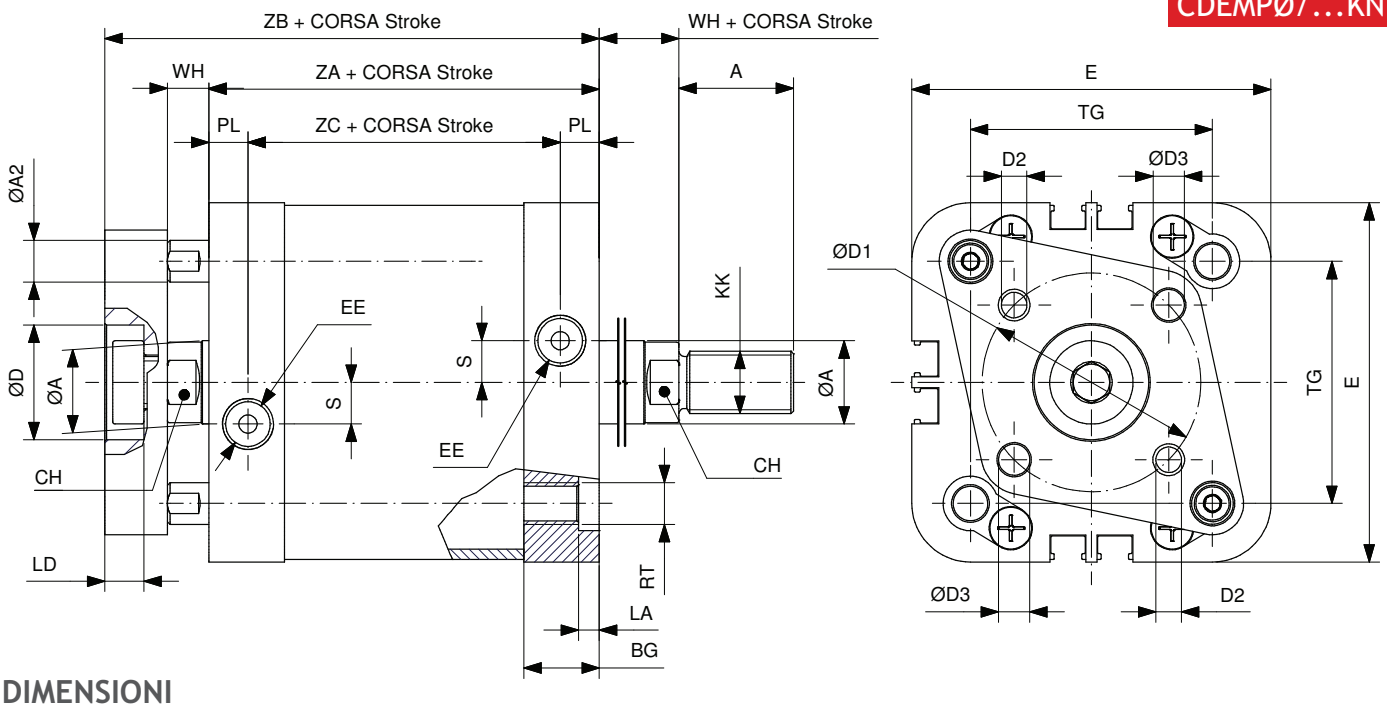
| Ø mm | ØA | KF | AF | ØD | LD | ØA2 | WH | ZA | ZB | ZC | EE | PL | S | RT | BG | LA | TG | E | ØD1 | D2 | ØD3 | CH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 10 | M6X1 | 10 | 10.5 | 5.5 | 5 | 6 | 37 | 51 | 23 | M5X0.8 | 7 | 2.5 | M5X0.8 | 14.25 | 3 | 22 | 36 | 17 | M4X0.7 | 4 | 9 |
| 25 | 10 | M6X1 | 10 | 14 | 5.5 | 5 | 6 | 39 | 53 | 25 | M5X0.8 | 7 | 2.5 | M5X0.8 | 14 | 3 | 26 | 39.5 | 22 | M5X0.8 | 5 | 9 |
| 32 | 12 | M8X1.25 | 12 | 17 | 6,5 | 5 | 7 | 44 | 61 | 28.5 | 1/8"G | 7.75 | 6 | M6X1 | 15.5 | 3.5 | 32.5 | 49.5 | 28 | M5X0.8 | 5 | 10 |
| 40 | 12 | M8X1.25 | 12 | 17 | 6 | 6 | 7 | 45 | 62 | 29.5 | 1/8"G | 7.75 | 8 | M6X1 | 15.5 | 3.5 | 38 | 54 | 33 | M5X0.8 | 5 | 10 |
| 50 | 16 | M10X1.5 | 16 | 22 | 7.5 | 8 | 8 | 45 | 65 | 29.5 | 1/8"G | 7.5 | 8 | M8X1.25 | 14.5 | 4 | 46.5 | 69 | 42 | M6X1 | 6 | 13 |
| 63 | 16 | M10X1.5 | 16 | 22 | 7.5 | 8 | 8 | 49 | 69 | 33.5 | 1/8"G | 7.75 | 11.5 | M8X1.25 | 15.5 | 4 | 56.5 | 79 | 50 | M6X1 | 6 | 13 |
| 80 | 20 | M12X1.75 | 20 | 24 | 10.5 | 10 | 10 | 54 | 78 | 36.5 | 1/8"G | 8.75 | 11.5 | M10X1.5 | 17.5 | 5 | 72 | 94.5 | 65 | M8X1.25 | 8 | 17 |
| 100 | 25 | M12X1.75 | 20 | 24 | 10.5 | 10 | 10 | 67 | 91 | 46 | 1/8"G | 10.5 | 20 | M10X1.5 | 21 | 5 | 89 | 114.5 | 80 | M10X1.5 | 10 | 21 |

## 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)* |
|---|---|---|
| **20** | 127 | 127 |
| **25** | 222 | 222 |
| **32** | 373 | 373 |
| **40** | 617 | 617 |
| **50** | 951 | 951 |
| **63** | 1573 | 1573 |
| **80** | 2543 | 2543 |
| **100** | 3974 | 3974 |

# ANTIROTAZIONE DOPPIO EFFETTO MAGN. STELO PASSANTE FILETTATO MASCHIO
## *NON ROTATING DOUBLE ACTING MAGN. MALE THREADED THROUGH PISTON ROD*

**CDEMPØ/...KNRM**




## DIMENSIONI
## *DIMENSIONS*

| Ø mm | ØA | KK | A | ØD | LD | ØA2 | WH | ZA | ZB | ZC | EE | PL | S | RT | BG | LA | TG | E | ØD1 | D2 | ØD3 | CH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 10 | M8X1.25 | 16 | 10.5 | 5.5 | 5 | 6 | 37 | 51 | 23 | M5X0.8 | 7 | 2.5 | M5X0.8 | 14.25 | 3 | 22 | 36 | 17 | M4X0.7 | 4 | 9 |
| 25 | 10 | M8X1.25 | 16 | 14 | 5.5 | 5 | 6 | 39 | 53 | 25 | M5X0.8 | 7 | 2.5 | M5X0.8 | 14 | 3 | 26 | 39.5 | 22 | M5X0.8 | 5 | 9 |
| 32 | 12 | M10X1.25 | 19 | 17 | 6.5 | 5 | 7 | 44 | 61 | 28.5 | 1/8"G | 7.75 | 6 | M6X1 | 15.5 | 3.5 | 32.5 | 49.5 | 28 | M5X0.8 | 5 | 10 |
| 40 | 12 | M10X1.25 | 19 | 17 | 6 | 6 | 7 | 45 | 62 | 29.5 | 1/8"G | 7.75 | 8 | M6X1 | 15.5 | 3.5 | 38 | 54 | 33 | M5X0.8 | 5 | 10 |
| 50 | 16 | M12X1.25 | 22 | 22 | 7.5 | 8 | 8 | 45 | 65 | 29.5 | 1/8"G | 7.5 | 8 | M8X1.25 | 14.5 | 4 | 46.5 | 69 | 42 | M6X1 | 6 | 13 |
| 63 | 16 | M12X1.25 | 22 | 22 | 7.5 | 8 | 8 | 49 | 69 | 33.5 | 1/8"G | 7.75 | 11.5 | M8X1.25 | 15.5 | 4 | 56.5 | 79 | 50 | M6X1 | 6 | 13 |
| 80 | 20 | M16X1.5 | 28 | 24 | 10.5 | 10 | 10 | 54 | 78 | 36.5 | 1/8"G | 8.75 | 11.5 | M10X1.5 | 17.5 | 5 | 72 | 94.5 | 65 | M8X1.25 | 8 | 17 |
| 100 | 25 | M16X1.5 | 28 | 24 | 10.5 | 10 | 10 | 67 | 91 | 46 | 1/8"G | 10.5 | 20 | M10X1.5 | 21 | 5 | 89 | 114.5 | 80 | M10X1.5 | 10 | 21 |

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

| Ø mm | FORZA DI SPINTA (N) *THRUST FORCE (N)* | FORZA DI TRAZIONE (N) *TRACTION FORCE (N)* |
|---|---|---|
| **20** | 127 | 127 |
| **25** | 222 | 222 |
| **32** | 373 | 373 |
| **40** | 617 | 617 |
| **50** | 951 | 951 |
| **63** | 1573 | 1573 |
| **80** | 2543 | 2543 |
| **100** | 3974 | 3974 |

# CILINDRI COMPATTI Ø20-125
# *COMPACT CYLINDERS Ø20-125*

**Versioni disponibili -** *Available versions*
CSE..KF - CSEM..KF - CDE..KF - CDEM..KF
CSE..KM - CSEM..KM - CDE..KM - CDEM..KM

Cilindri a profilo compatto
Esecuzione magnetica e non
Disponibile anche a semplice effetto.
Vasta scelta di accessori di fissaggio

***Compact cylinders***
***Magnetic and non-magnetic version***
***Available also single-acting***
***Wide range of mountings***

## Informazioni Tecniche
## *Technical Information*

| | |
|---|---|
| Testate<br>*Covers* | Alluminio anodizzato<br>*Anodized Aluminium* |
| Tubo<br>*Tube* | Alluminio anodizzato<br>*Anodized Aluminium* |
| Guarnizioni<br>*Seals* | Poliuretano e NBR<br>*Polyurethane e NBR* |
| Boccola<br>*Bush* | Bronzo sinterizzato<br>*Sintered bronze* |
| Stelo<br>*Piston rod* | ø20-25 Acciaio inox AISI303<br>*ø20-25 AISI303 Stainless steel*<br>ø32-125 Acciaio cromato<br>*ø32-125 Chromium coated steel* |
| Pressione MAX<br>*MAX pressure* | *10 bar* |
| Temperatura di impiego<br>*Temperature* | -20°C +80°C con aria secca<br>*-20°C +80°C with dry air* |
| Fluido<br>*Working fluid* | Aria compressa filtrata e lubrificata e non<br>*Filtered and lubricated or not compressed air* |

## Corse standard
## *Standard strokes*

| ø (mm) | Corse standard (mm)<br>Standard strokes (mm) |
|---|---|
| 20 | 5-10-15-20-25-30-40-50-60-80 |
| 25 | 5-10-15-20-25-30-40-50-60-80 |
| 32 | 5-10-15-20-25-30-40-50-60-80 |
| 40 | 5-10-15-20-25-30-40-50-60-80 |
| 50 | 5-10-15-20-25-30-40-50-60-80 |
| 63 | 5-10-15-20-25-30-40-50-60-80 |
| 80 | 5-10-15-20-25-30-40-50-60-80 |
| 100 | 5-10-15-20-25-30-40-50-60-80 |
| 125 | 5-10-15-20-25-30-40-50-60-80 |
| **DOPPIO EFFETTO**<br>*DOUBLE ACTING* | |

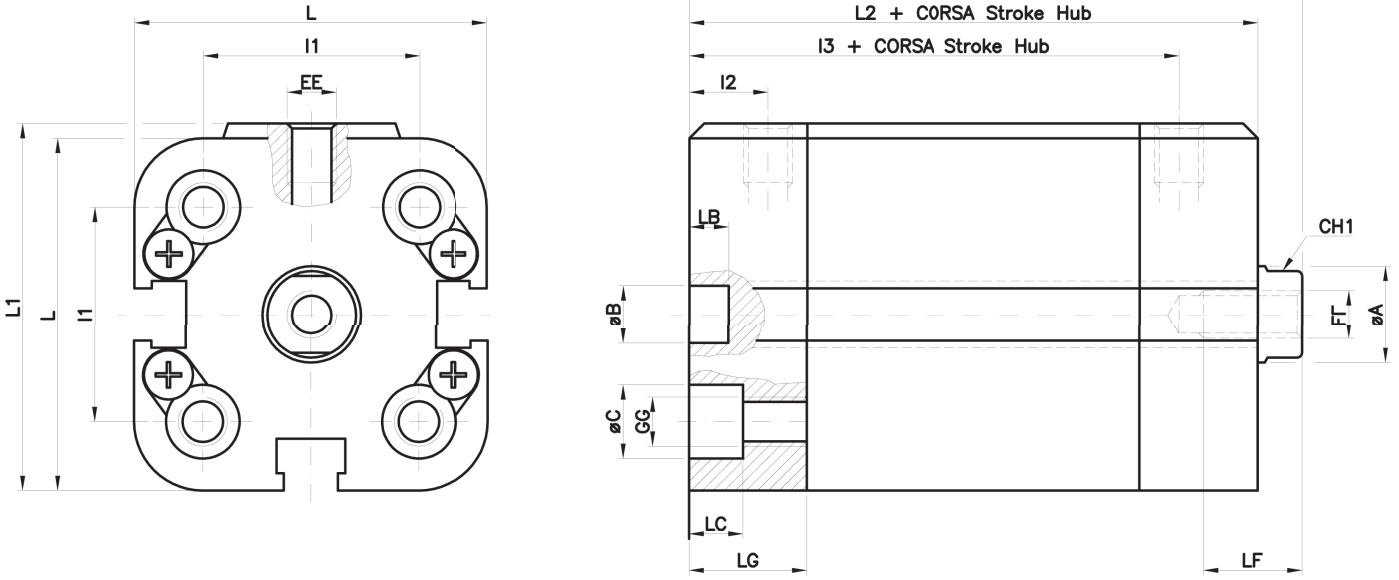
| ø (mm) | Corse standard (mm)<br>Standard strokes (mm) |
|---|---|
| 20 | / / |
| 25 | / / |
| 32 | 5-10-15-20-25-30 |
| 40 | 5-10-15-20-25-30 |
| 50 | 5-10-15-20-25-30 |
| 63 | 5-10-15-20-25-30 |
| 80 | 5-10-15-20-25-30 |
| 100 | 5-10-15-20-25-30 |
| 125 | / / |
| **SEMPLICE EFFETTO**<br>*SINGLE ACTING* | |

## Accessori
## *Accessories*

| ømm | Cerniera femmina Female hinge | Cerniera maschio Male hinge | Flangia Flange | Cerniera snodata Male hinge w/spherical bearing | Piedino basso Low-rise pedestal | Cerniera intermedia Hinge intermediate | Perno per cerniera femmina Pivot for female hinge | Articolazione a squadra Square Joint | Supporto cerniera intermedia Support for intermediate hinge | Dado asta Piston rod nut |
|---|---|---|---|---|---|---|---|---|---|---|
| 32 | CERF32X | CERM32X | AFP32X | CERMT32X | AF32X | CERI32X | PERC32X | ART32X | SUP32X | ANA25 |
| 40 | CERF40X | CERM40X | AFP40X | CERMT40X | AF40X | CERI40X | PERC40X | ART40X | SUP4050X | ANA40B |
| 50 | CERF50X | CERM50X | AFP50X | CERMT50X | AF50X | CERI50X | PERC50X | ART50X | SUP4050X | ANA40B |
| 63 | CERF63X | CERM63X | AFP63X | CERMT63X | AF63X | CERI63X | PERC63X | ART63X | SUP6380X | ANA50B |
| 80 | CERF80X | CERM80X | AFP80X | CERMT80X | AF80X | CERI80X | PERC80X | ART80X | SUP6380X | ANA80100 |
| 100 | CERF100X | CERM100X | AFP100X | CERMT100X | AF100X | CERI100X | PERC100X | ART100X | SUP100125X | ANA80100 |
| 125 | CERF125X | CERM125X | AFP125X | CERMT125X | AF125X | CERI125X | PERC125X | ART125X | SUP100125X | ANA125X |
| | pag. 121 | pag. 121 | pag. 121 | pag. 123 | pag. 122 | pag. 122 | pag. 123 | pag. 124 | pag. 123 | pag. 119 |

# DOPPIO EFFETTO STELO FILETTATO FEMMINA Ø20-25
# *DOUBLE ACTING FEMALE THREADED PISTON ROD Ø20-25*

CDEØ/...KF CDEMØ/...KF




## DIMENSIONI
*DIMENSIONS*

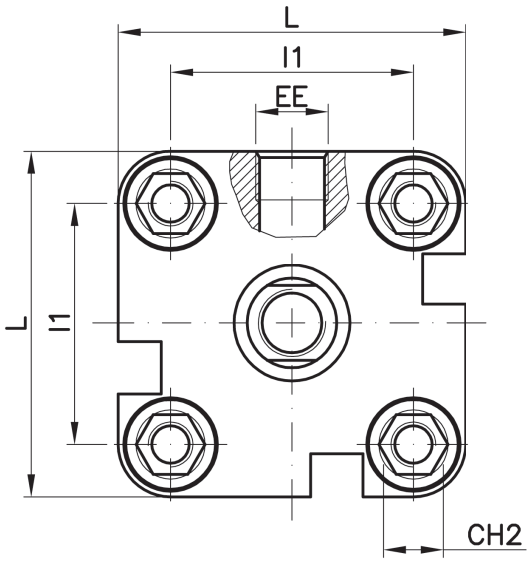
| Ø mm | ØA | FF | LF | ØC | GG | LC | LG | ØB | LB | L | L1 | L2 | L3 | I1 | I2 | I3 | EE | CH1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 10 | M5 | 10 | 7.5 | M5 | 5.5 | 12 | 6 | 4 | 36 | 37.5 | 38 | 42.5 | 22 | 8 | 30 | M5 | 9 |
| 25 | 10 | M5 | 10 | 7.5 | M5 | 5 | 12.75 | 6 | 4 | 40 | 41.5 | 39.5 | 45 | 26 | 8 | 31.5 | M5 | 9 |

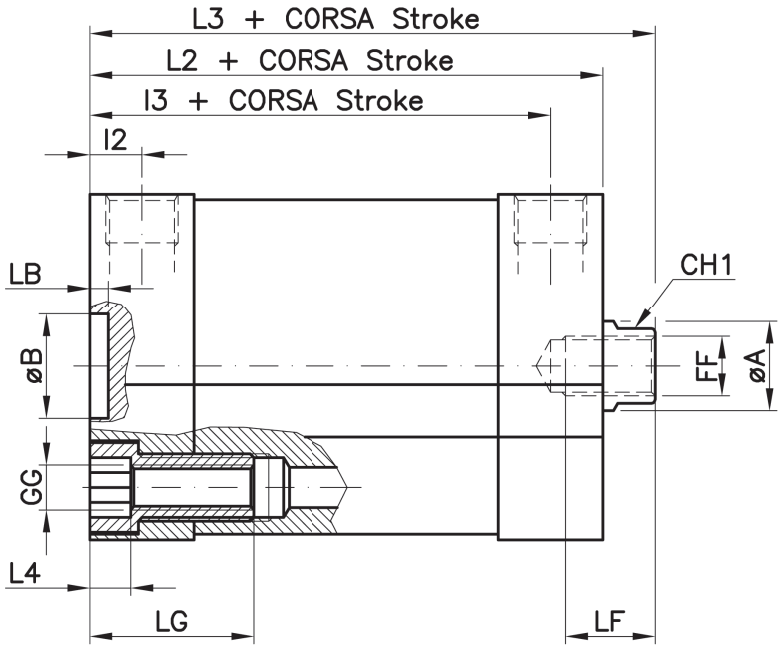
## FORZE DI TRAZIONE E SPINTA (6 BAR)
*TRACTION AND THRUST FORCES (6 BAR)*

| Ø mm | FORZA DI SPINTA (N)<br>*THRUST FORCE (N)* | FORZA DI TRAZIONE (N)<br>*TRACTION FORCE (N)* |
|---|---|---|
| **20** | 165 | 141 |
| **25** | 266 | 219 |

# DOPPIO EFFETTO STELO FILETTATO FEMMINA Ø32-100
# *DOUBLE ACTING FEMALE THREADED PISTON ROD Ø32-100*

CDEØ/...KF CDEMØ/...KF




## DIMENSIONI
*DIMENSIONS*

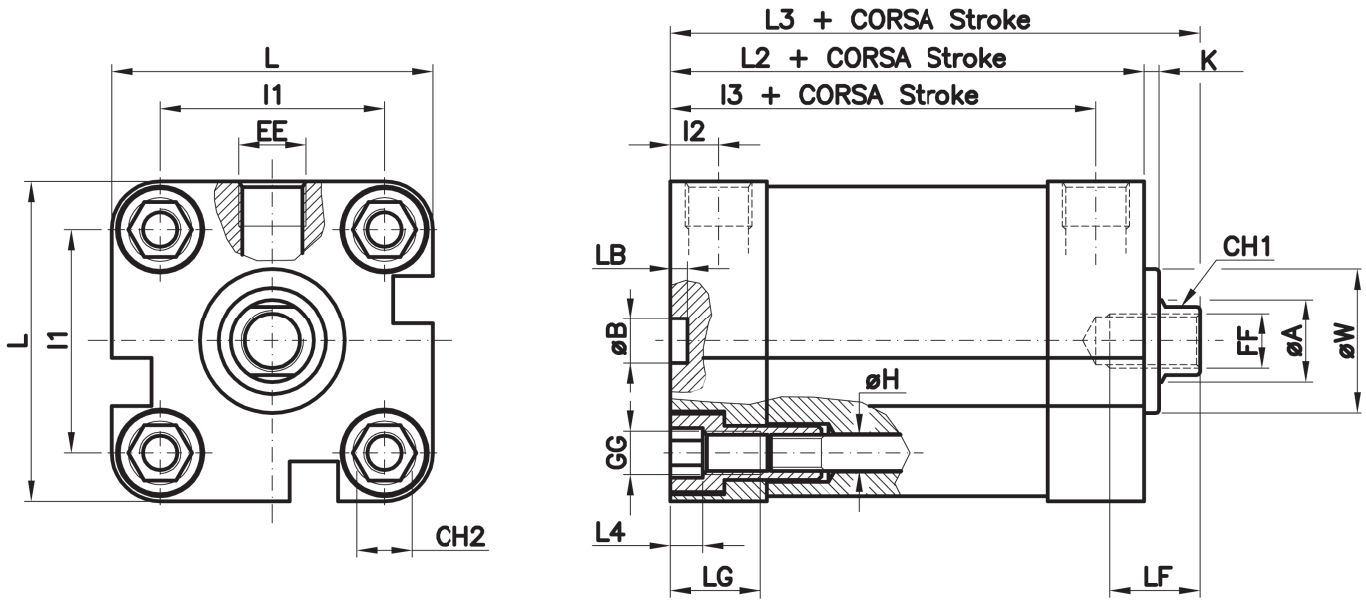
| Ø mm | ØA | FF | LF | GG | LG | ØB | LB | L | L2 | L3 | L4 | I1 | I2 | I3 | EE | CH1 | CH2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 12 | M8 | 14 | M6 | 22 | 14 | 2.5 | 46.5 | 44 | 51 | 5.5 | 32.5 | 7 | 37 | 1/8"G | 10 | 6 |
| 40 | 16 | M8 | 14 | M6 | 22 | 14 | 2.5 | 53 | 45 | 52 | 5.5 | 38 | 7 | 38 | 1/8"G | 13 | 6 |
| 50 | 16 | M10 | 16 | M8 | 25.5 | 18 | 2.5 | 65 | 45 | 53 | 6 | 46.5 | 7 | 38 | 1/8"G | 13 | 10 |
| 63 | 20 | M12 | 16 | M8 | 25.5 | 18 | 2.5 | 75 | 49 | 58 | 6 | 56.5 | 7.5 | 41.5 | 1/8"G | 17 | 10 |
| 80 | 20 | M12 | 20 | M10 | 30 | 23 | 3 | 95 | 54 | 64 | 8 | 72 | 7.5 | 46.5 | 1/8"G | 17 | 14 |
| 100 | 25 | M16 | 22 | M10 | 30 | 28 | 3 | 115 | 64 | 76 | 8 | 89 | 9.5 | 54.5 | 1/4"G | 21 | 14 |

## 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 |

# DOPPIO EFFETTO STELO FILETTATO FEMMINA Ø125
# *DOUBLE ACTING FEMALE THREADED PISTON ROD Ø125*

CDEØ/...KF CDEMØ/...KF




## DIMENSIONI
*DIMENSIONS*

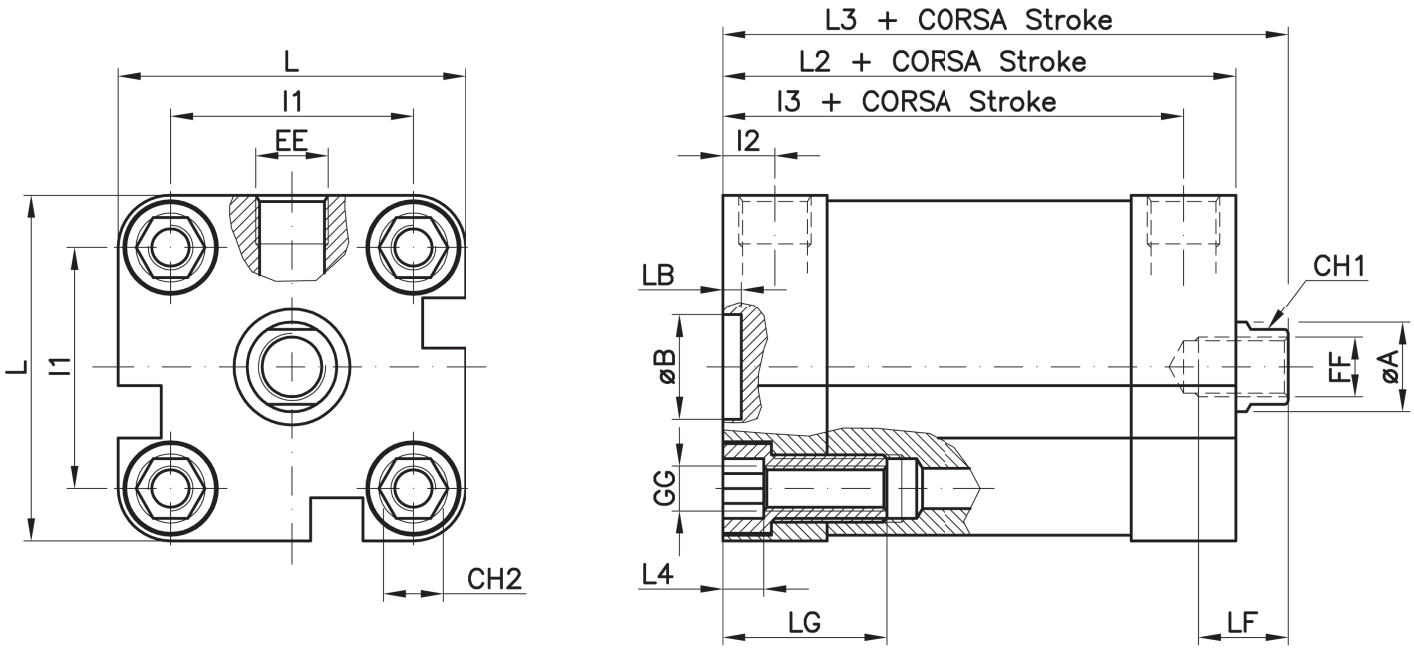
| Ø mm | ØA | FF | LF | GG | LG | ØB | LB | L | L2 | L3 | L4 | I1 | I2 | I3 | EE | CH1 | CH2 | W | K | ØH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 125 | 32 | M16 | 25 | M12 | 27 | 10 | 6 | 137 | 81 | 99 | 9 | 110 | 13.5 | 67.5 | 1/4"G | 27 | 12 | 60 | 4 | 10 |

## 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)* |
|---|---|---|
| 125 | 6991 | 6532 |

# SEMPLICE EFFETTO STELO FILETTATO FEMMINA Ø32-100
# *SINGLE ACTING FEMALE THREADED PISTON ROD Ø32-100*

CSEØ/...KF CSEMØ/...KF




## DIMENSIONI
*DIMENSIONS*

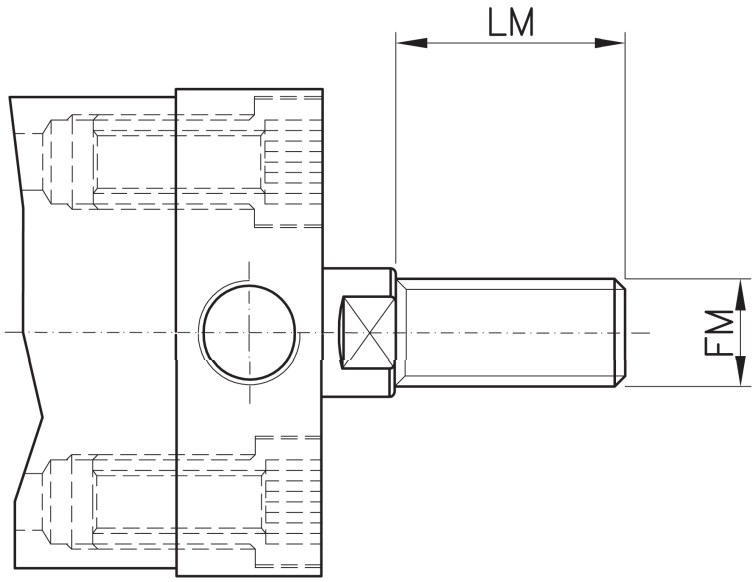
| Ø mm | ØA | FF | LF | GG | LG | ØB | LB | L | L2 | L3 | L4 | I1 | I2 | I3 | EE | CH1 | CH2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 12 | M8 | 14 | M6 | 22 | 14 | 2.5 | 46.5 | 54 | 61 | 5.5 | 32.5 | 7 | 47 | 1/8"G | 10 | 6 |
| 40 | 16 | M8 | 14 | M6 | 22 | 14 | 2.5 | 53 | 55 | 62 | 5.5 | 38 | 7 | 48 | 1/8"G | 13 | 6 |
| 50 | 16 | M10 | 16 | M8 | 25.5 | 18 | 2.5 | 65 | 60 | 68 | 6 | 46.5 | 7 | 53 | 1/8"G | 13 | 10 |
| 63 | 20 | M12 | 16 | M8 | 25.5 | 18 | 2.5 | 75 | 64 | 73 | 6 | 56.5 | 7.5 | 56.5 | 1/8"G | 17 | 10 |
| 80 | 20 | M12 | 20 | M10 | 30 | 23 | 3 | 95 | 54 | 64 | 8 | 72 | 7.5 | 46.5 | 1/8"G | 17 | 14 |
| 100 | 25 | M16 | 22 | M10 | 30 | 28 | 3 | 115 | 64 | 77 | 8 | 89 | 9.5 | 54.5 | 1/4"G | 21 | 14 |

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

| Ø mm | FORZA DI SPINTA (N) *THRUST FORCE (N)* | FORZA DI TRAZIONE (N) *TRACTION FORCE (N)* | | | | | |
|---|---|---|---|---|---|---|---|
| | | CORSA/*STROKE* 10 | | CORSA/*STROKE* 20 | | CORSA/*STROKE* 30 | |
| | | F1 | F2 | F1 | F2 | F1 | F2 |
| **32** | 437 | 19 | 21 | 17 | 21 | 15 | 21 |
| **40** | 679 | 32 | 37 | 29 | 37 | 25 | 37 |
| **50** | 1127 | 48 | 53 | 43 | 53 | 38 | 53 |
| **63** | 1703 | 65 | 72 | 58 | 72 | 50 | 72 |
| **80** | 2760 | 95 | 103 | 87 | 103 | 78 | 103 |
| **100** | 4265 | 186 | 209 | 163 | 209 | 140 | 209 |

# VARIANTE STELO FILETTATO MASCHIO
# *MALE THREADED PISTON ROD VERSION*

CDEØ/...KM | CDEMØ/...KM | CSEØ/...KM | CSEMØ/...KM

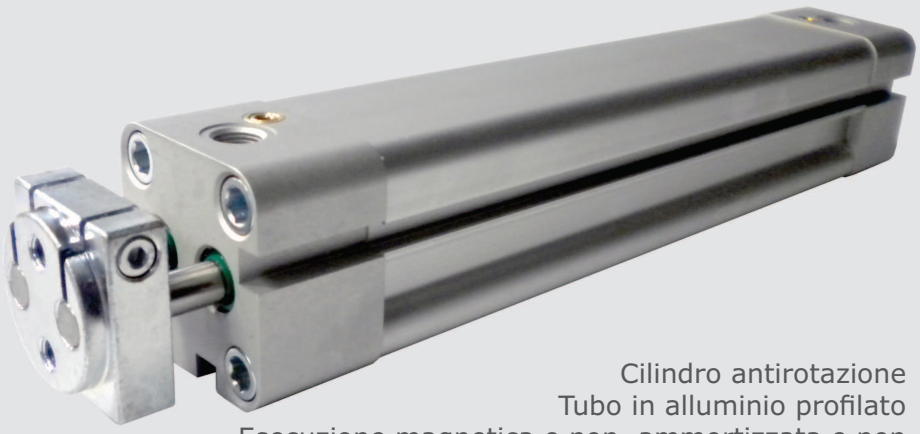



## DIMENSIONI
*DIMENSIONS*

| Ø mm | FM | LM |
|---|---|---|
| 20 | M8x1.25 | 22 |
| 25 | M8x1.25 | 22 |
| 32 | M10x1.25 | 22 |
| 40 | M12x1.25 | 22 |
| 50 | M12x1.25 | 24 |
| 63 | M12x1.25 | 24 |
| 80 | M16x1.5 | 32 |
| 100 | M20x1.5 | 40 |
| 125 | M27x2 | 54 |

# CILINDRI A STELI GEMELLATI SERIE TR Ø32-63
# *TR SERIE TWIN RODS CYLINDERS Ø32-63*

**Versioni disponibili -** *Available versions*
CDE..TR - CDEM..TR - CDEA..TR - CDEMA..TR



Cilindro antirotazione
Tubo in alluminio profilato
Esecuzione magnetica e non, ammortizzata e non
Vasta scelta di accessori di fissaggio

***Non-rotating cylinders***
***Aluminium profiled tube***
***Magnetic and non-magnetic version, cushioned and non-cushioned***
***Wide range of mountings***

## Informazioni Tecniche
## *Technical Information*

| | |
|---|---|
| Testate<br>*Covers* | Alluminio anodizzato<br>*Anodized aluminium* |
| Tubo<br>*Tube* | Alluminio anodizzato<br>*Anodized aluminium* |
| Guarnizioni<br>*Seals* | Poliuretano e NBR<br>*Polyurethane e NBR* |
| Boccola<br>*Bush* | Bronzo sinterizzato<br>*Sintered bronze* |
| Stelo<br>*Piston rod* | ø32-40 Acciaio inox AISI303<br>*ø32-40 AISI303 Stainless steel*<br>ø50-63 Acciaio cromato<br>*ø50-63 Chromium coated steel* |
| Pressione MAX<br>*MAX pressure* | *10 bar* |
| Temperatura di impiego<br>*Temperature* | -20°C +80°C con aria secca<br>*-20°C +80°C with dry air* |
| Fluido<br>*Working fluid* | Aria compressa filtrata e lubrificata e non<br>*Filtered and lubricated or not compressed air* |

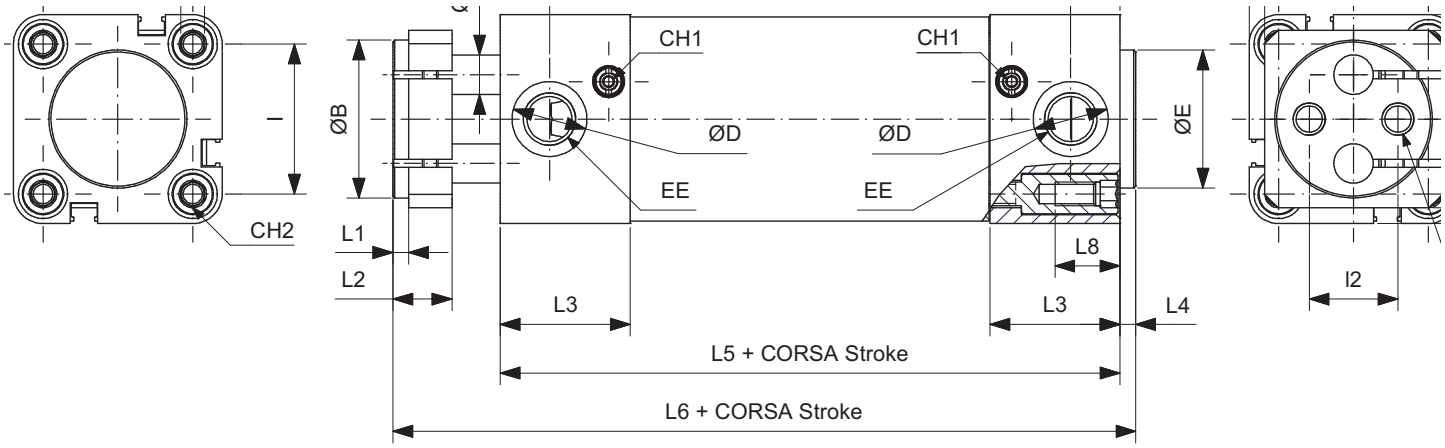
## Corse standard
## *Standard strokes*

| ø (mm) | Corse standard (mm)<br>Standard strokes (mm) |
|---|---|
| 32 | 25-40-50-80-100-125-160-200-250-300-320-400-500 |
| 40 | 25-40-50-80-100-125-160-200-250-300-320-400-500 |
| 50 | 25-40-50-80-100-125-160-200-250-300-320-400-500 |
| 63 | 25-40-50-80-100-125-160-200-250-300-320-400-500 |
| **DOPPIO EFFETTO**<br>*DOUBLE ACTING* | |

## Accessori
## *Accessories*

| øMM | Cerniera femmina Female hinge | Cerniera maschio Male hinge | Flangia Flange | Cerniera snodata Male hinge w/spherical bearing | Piedino basso Low-rise pedestal | Cerniera intermedia Hinge intermediate | Perno per cerniera femmina Pivot for female hinge | Articolazione a squadra Square Joint | Supporto cerniera intermedia Support for intermediate hinge |
|---|---|---|---|---|---|---|---|---|---|
| 32 | CERF32X | CERM32X | AFP32X | CERMT32X | AF32X | CERI32X | PERC32X | ART32X | SUP32X |
| 40 | CERF40X | CERM40X | AFP40X | CERMT40X | AF40X | CERI40X | PERC40X | ART40X | SUP4050X |
| 50 | CERF50X | CERM50X | AFP50X | CERMT50X | AF50X | CERI50X | PERC50X | ART50X | SUP4050X |
| 63 | CERF63X | CERM63X | AFP63X | CERMT63X | AF63X | CERI63X | PERC63X | ART63X | SUP6380X |
| | pag. 121 | pag. 121 | pag. 121 | pag. 123 | pag. 122 | pag. 122 | pag. 123 | pag. 124 | pag. 119 |

**CDEØ/...TR** **CDEMØ/...TR**



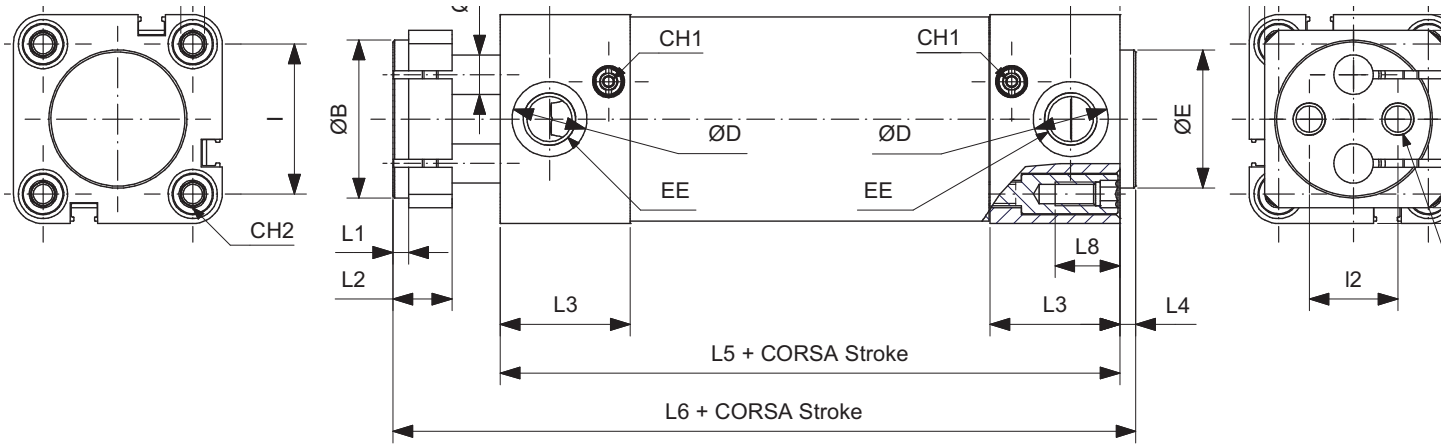

## DIMENSIONI
*DIMENSIONS*

| Ø mm | ØA | ØB | C | ØD | L1 | L2 | L3 | L4 | L5 | L6 | L7 | L8 | I | I2 | EE | FF | KK | F | H | CH1 | CH2 | ØE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 8 | 32 | 35 | 14 | 4 | 15 | 28.8 | 4 | 100 | 128 | 76 | 16.5 | 32.5 | 19 | 1/8"G | M6 | M6 | 12 | 46.5 | 3 | 6 | 30 |
| 40 | 10 | 40 | 45 | 19 | 4 | 15 | 33 | 4 | 114 | 142 | 88 | 16.5 | 38 | 22.5 | 1/4"G | M6 | M8 | 13 | 53 | 3 | 6 | 35 |
| 50 | 12 | 50 | 55 | 19 | 5 | 18 | 34 | 4 | 116 | 151 | 88 | 17.5 | 46.5 | 30 | 1/4"G | M8 | M8 | 14 | 65 | 3 | 8 | 40 |
| 63 | 16 | 63 | 65 | 22.7 | 5 | 22 | 35.2 | 4 | 124 | 161 | 96 | 17.5 | 56.5 | 38 | 3/8"G | M8 | M10 | 14 | 75 | 3 | 8 | 45 |

## 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 | 400 |
| **40** | 716 | 626 |
| **50** | 1180 | 989 |
| **63** | 1775 | 1546 |

CDEAØ/...TR CDEMAØ/...TR




## DIMENSIONI
*DIMENSIONS*

| Ø mm | ØA | ØB | C | ØD | L1 | L2 | L3 | L4 | L5 | L6 | L7 | L8 | I | I2 | EE | FF | KK | F | H | CH1 | CH2 | ØE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 8 | 32 | 35 | 14 | 4 | 15 | 28.8 | 4 | 100 | 128 | 76 | 16,5 | 32.5 | 19 | 1/8"G | M6 | M6 | 12 | 46.5 | 3 | 6 | 30 |
| 40 | 10 | 40 | 45 | 19 | 4 | 15 | 33 | 4 | 114 | 142 | 88 | 16,5 | 38 | 22.5 | 1/4"G | M6 | M8 | 13 | 53 | 3 | 6 | 35 |
| 50 | 12 | 50 | 55 | 19 | 5 | 18 | 34 | 4 | 116 | 151 | 88 | 17,5 | 46.5 | 30 | 1/4"G | M8 | M8 | 14 | 65 | 3 | 8 | 40 |
| 63 | 16 | 63 | 65 | 22.7 | 5 | 22 | 35.2 | 4 | 124 | 161 | 96 | 17,5 | 56.5 | 38 | 3/8"G | M8 | M10 | 14 | 75 | 3 | 8 | 45 |

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| Ø mm | FORZA DI SPINTA (N)<br>*THRUST FORCE (N)* | FORZA DI TRAZIONE (N)<br>*TRACTION FORCE (N)* |
|---|---|---|
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| **40** | 716 | 626 |
| **50** | 1180 | 989 |
| **63** | 1775 | 1546 |