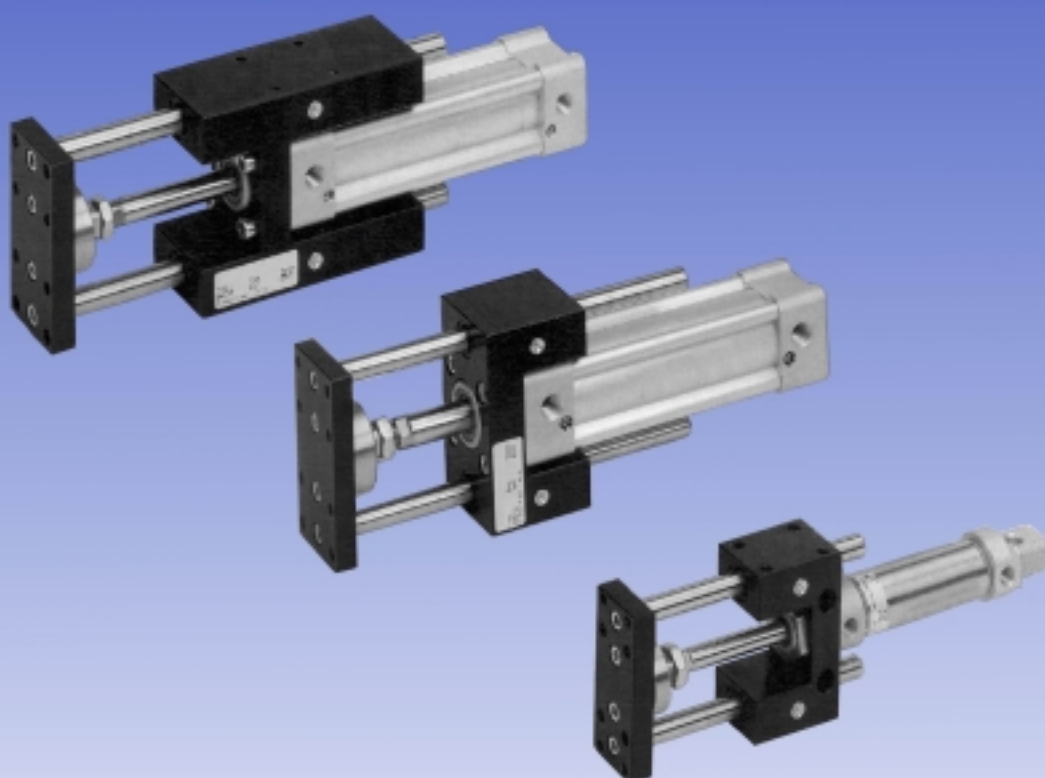


UNITA' DI GUIDA PER CILINDRI ISO

Guiding units for ISO cylinders



Serie **GDS-GDH-GDM**

FLUIDO SISTEM S.r.l.

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1.09.00

UNITA' DI GUIDA PER CILINDRI PNEUMATICI

GUIDING UNITS FOR PNEUMATIC CYLINDERS

CARATTERISTICHE TECNICHE / TECHNICAL FEATURES

UNITÀ DI GUIDA tipo GDS - GDH:

Corpo in lega di alluminio con bronzine guida steli in bronzo sinterizzato autolubrificante e guarnizioni raschiaolio.
Steli in acciaio C40 cromato.
Flangia in lega di alluminio con giunto di compensazione in acciaio per aggancio stelo cilindro.

GUIDING UNITS type GDS - GDH:

Aluminium alloy casing with sintered bronze, self-lubricating rod guide brasses and scraper ring gaskets.
ROD: C40 chromium plated steel
Aluminium alloy flange with steel compensating joint for the coupler of cylinder rod.

UNITÀ DI GUIDA tipo GDM:

Corpo in lega di alluminio con cuscinetti a sfere lineari e guarnizioni raschiaolio.
Steli in acciaio temprato.
Flangia in lega di alluminio con giunto di compensazione in acciaio per fissaggio stelo cilindro.

GUIDING UNITS type GDM:

Aluminium alloy casing with linear ball bearings and scraper ring gaskets.
Hardened steel rods.
Aluminium alloy flange with steel compensating joint for the fastening of cylinder rod.

Per il fissaggio dei sensori magnetici tipo FEK sui cilindri ISO 6431 montati sulle unità di guida GDM, la staffa è tipo SMG seguita dall'alesaggio es.: SMG-50.

For the fastening of magnetic sensors, type FEK, on cylinders ISO 6431, assembled on the guide units GDM, the bracket is type SMG, followed by bore; ex.: SMG-50.

Le unità di guida garantiscono, entro certi limiti, un' accettabile guida di allineamento ed un effetto antitorsione del componente pneumatico. Le unità di guida sono combinabili con i cilindri della serie ISO 6432 - ISO 6431.

The guiding units warrant, within certain limits, an acceptable alignment guide and an anti-torsion effect of the pneumatic component. The guiding units can be combined with the cylinders series ISO 6432 - ISO 6431.

NORME PER L'ORDINAZIONE / How to fill in your order:

| GDS | 40 | 50 |
|--|--------------------------|------------------------|
| Forma costruttiva <i>Building shape</i> | Alesaggio <i>Bore</i> | Corsa <i>Stroke</i> |

GDS = profilo "U" per carichi e velocità limitate / "U" form for limited load and velocity.

GDH = profilo "H" per carichi elevati / "H" form for high load.

GDM = profilo "H" per alte velocità / "H" form for high velocity.

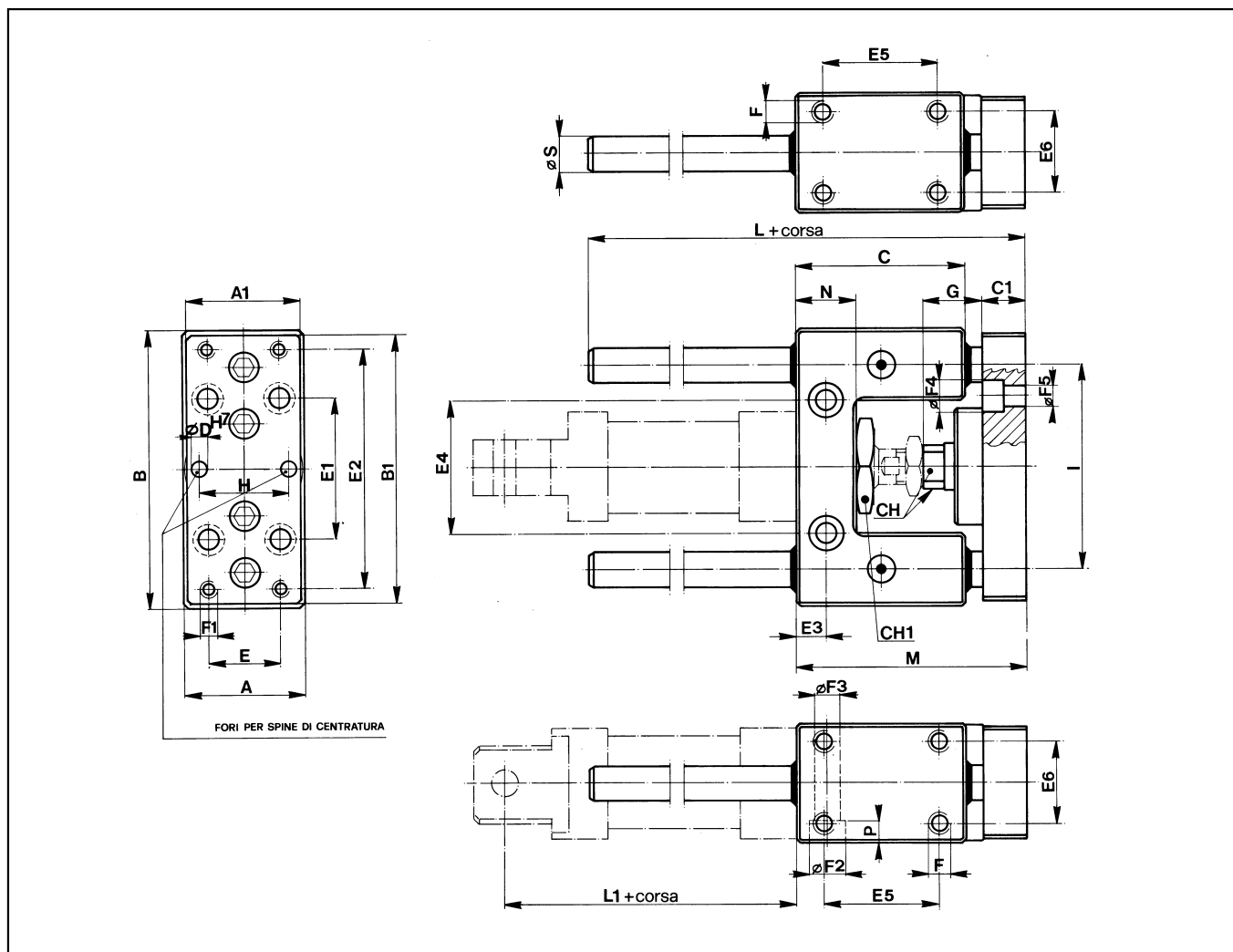
UNITA' DI GUIDA PER CILINDRI PNEUMATICI

GUIDING UNITS FOR PNEUMATIC CYLINDERS

GDS per microcilindri pneumatici $\varnothing 12 \div 25$ ISO 6432

GDS for pneumatic microcylinders $\varnothing 12 \div 25$ ISO 6432

1



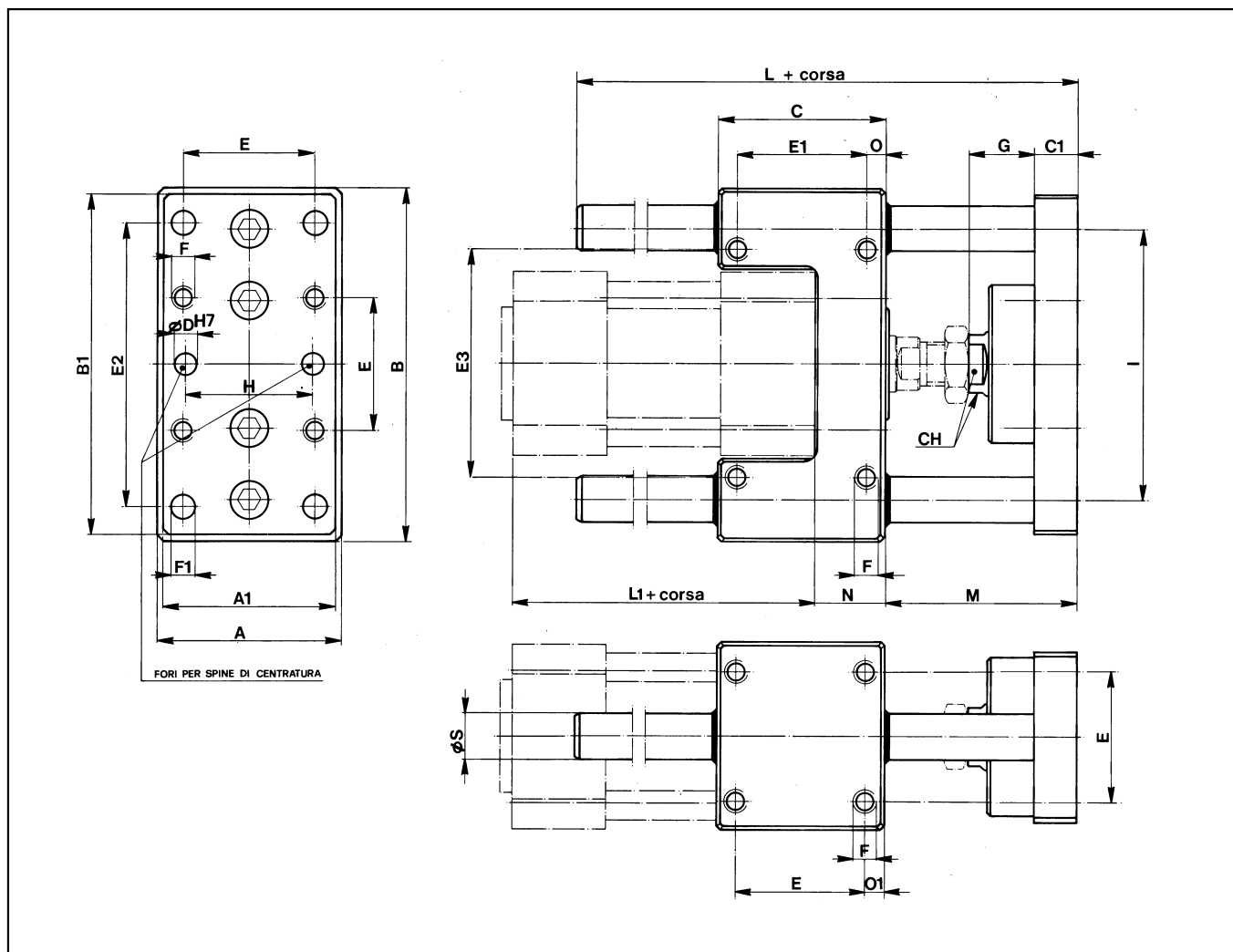
| \varnothing CIL. | A | A1 | B | B1 | C | C1 | CH | CH1 | D | E | E1 | E2 | E3 | E4 | E5 | E6 | F | F1 | F2 | F3 | F4 | F5 | G | H | I | L | L1 | M | N | P | S |
|-----------------------|----|----|----|----|----|----|----|-----|---|----|----|----|-----|----|------|----|----|----|------|-----|-----|-----|----|----|----|----|----|----|----|-----|----|
| 12 | 30 | 27 | 65 | 63 | 38 | 10 | 8 | 19 | 4 | 15 | 32 | 54 | 6.5 | 24 | 25 | 22 | M4 | M4 | 8.5 | 5.1 | 7.5 | 4.5 | 12 | 15 | 46 | 70 | 53 | 51 | 13 | 5.5 | 8 |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | | | | | |
| 20 | 34 | 32 | 79 | 76 | 48 | 12 | 12 | 27 | 6 | 20 | 40 | 68 | 8.5 | 38 | 32.5 | 23 | M6 | M5 | 10.5 | 6.5 | 9 | 5.5 | 22 | 20 | 58 | 70 | 71 | 65 | 17 | 6.5 | 10 |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | 76 | | | | | |

UNITA' DI GUIDA PER CILINDRI PNEUMATICI

GUIDING UNITS FOR PNEUMATIC CYLINDERS

GDS per cilindri pneumatici $\varnothing 32 \div 100$ ISO 6431

GDS for pneumatic cylinders $\varnothing 32 \div 100$ ISO 6431



| \varnothing CIL. | A | A1 | B | B1 | C | C1 | D | E | E1 | E2 | E3 | F | F1 | G | H | I | L | L1 | M | N | O | O1 | S | CH |
|-----------------------|-----|-----|-----|-----|-----|----|---|------|------|-----|-----|-----|-----|----|----|-----|-----|-----|----|----|-----|------|----|----|
| 32 | 48 | 45 | 100 | 90 | 48 | 12 | 6 | 32.5 | 32.5 | 78 | 58 | M6 | 6.5 | 20 | 31 | 74 | 106 | 94 | 54 | 17 | 7.8 | 7.8 | 12 | 13 |
| 40 | 56 | 50 | 106 | 105 | 58 | 12 | 6 | 38 | 38 | 84 | 64 | M6 | 6.5 | 22 | 36 | 80 | 117 | 105 | 55 | 21 | 10 | 10 | 12 | 15 |
| 50 | 66 | 60 | 125 | 124 | 59 | 15 | 6 | 46.5 | 46.5 | 100 | 80 | M8 | 9 | 23 | 45 | 96 | 129 | 106 | 68 | 25 | 6.3 | 6.3 | 16 | 21 |
| 63 | 76 | 70 | 132 | 125 | 76 | 15 | 6 | 56.5 | 56.5 | 105 | 95 | M8 | 9 | 23 | 45 | 104 | 146 | 121 | 68 | 25 | 9.8 | 9.8 | 16 | 21 |
| 80 | 98 | 90 | 165 | 155 | 90 | 18 | 6 | 72 | 50 | 130 | 130 | M10 | 11 | 30 | 56 | 130 | 170 | 128 | 78 | 34 | 20 | 9 | 20 | 27 |
| 100 | 118 | 110 | 185 | 175 | 110 | 18 | 6 | 89 | 70 | 150 | 150 | M10 | 11 | 30 | 56 | 150 | 190 | 138 | 78 | 39 | 20 | 10.5 | 20 | 27 |

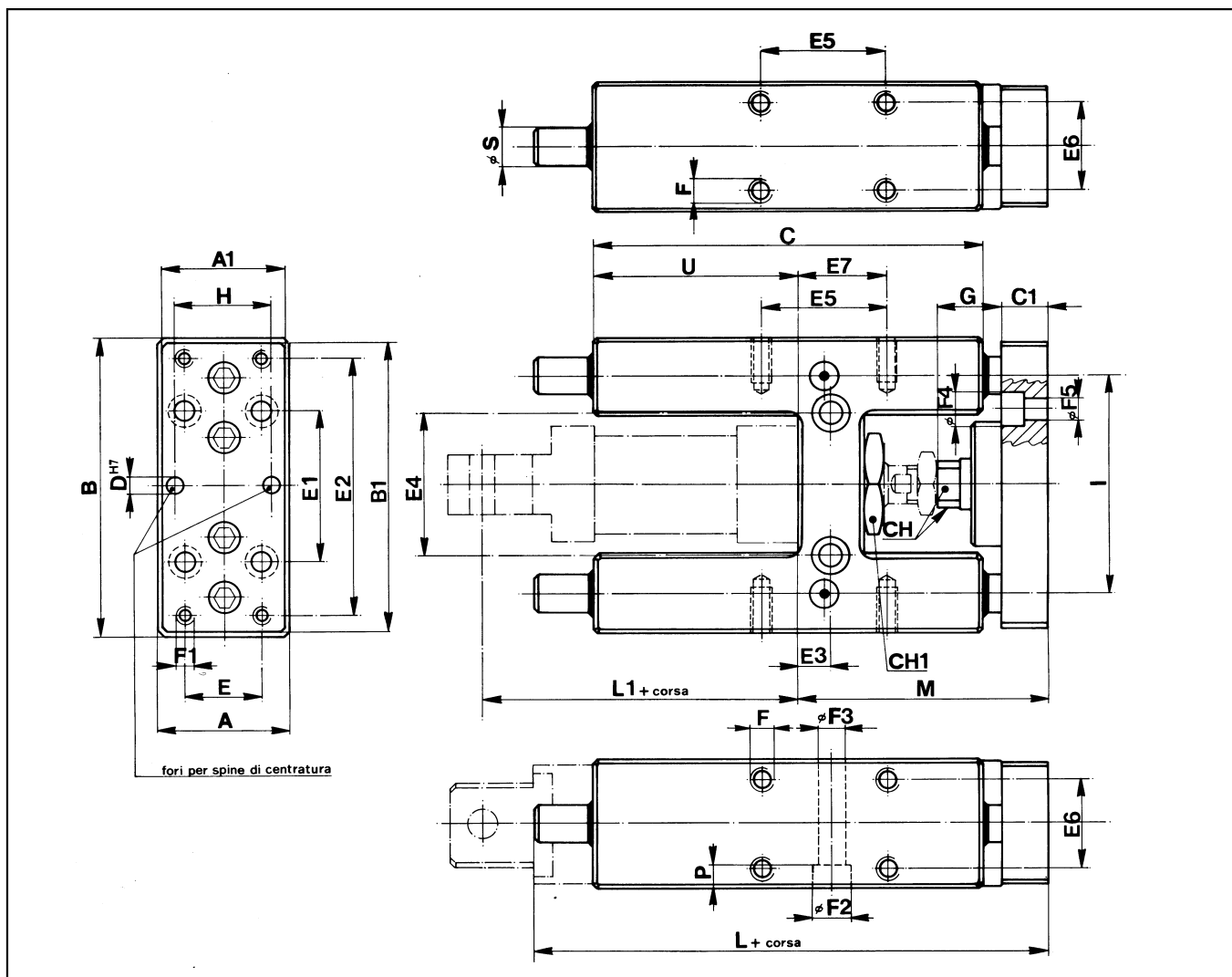
UNITA' DI GUIDA PER CILINDRI PNEUMATICI

GUIDING UNITS FOR PNEUMATIC CYLINDERS

GDH – GDM per microcilindri pneumatici $\varnothing 12 \div 25$ ISO 6432

GDH – GDM for pneumatic microcylinders $\varnothing 12 \div 25$ ISO 6432

1



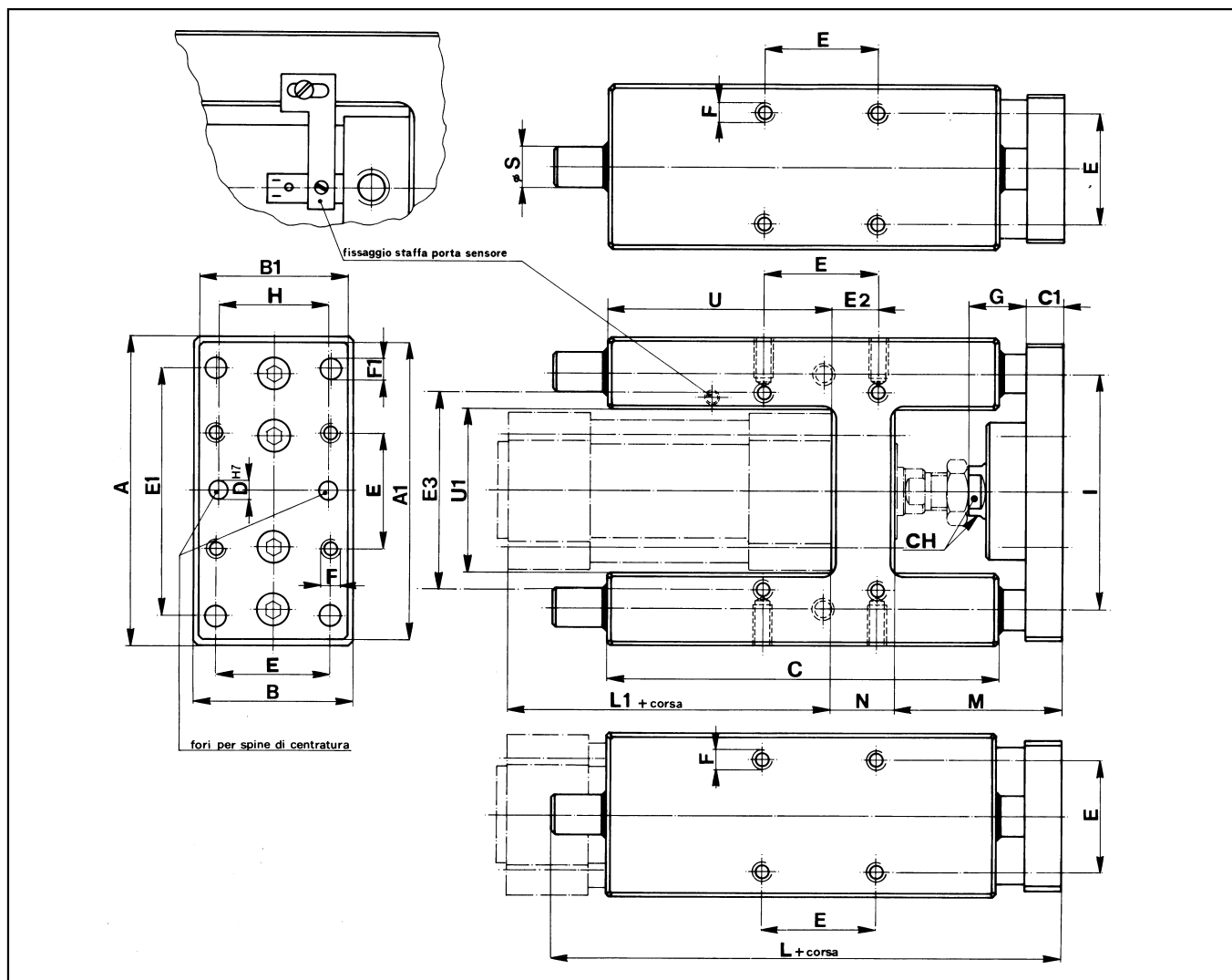
| \varnothing CIL. | A | A1 | B | B1 | C | C1 | CH | CH1 | D | E | E1 | E2 | E3 | E4 | E5 | E6 | E7 | F | F1 | F2 | F3 | F4 | F5 | G | H | I | L | L1 | M | P | S | U |
|-----------------------|----|----|----|----|-----|----|----|-----|---|----|----|----|-----|----|------|----|----|----|----|------|-----|-----|-----|-----------------|----|----|-----|-----------------|----|-----|----|----|
| 12 | 30 | 27 | 65 | 63 | 75 | 10 | 8 | 19 | 4 | 15 | 32 | 54 | 6.5 | 24 | 32.5 | 22 | 11 | M4 | M4 | 8.5 | 5.1 | 7.5 | 4.5 | 12 | 15 | 46 | 130 | $\frac{53}{60}$ | 51 | 5.5 | 8 | 37 |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 34 | 32 | 79 | 76 | 108 | 12 | 12 | 27 | 6 | 20 | 40 | 68 | 8.5 | 38 | 32.5 | 23 | 15 | M6 | M5 | 10.5 | 6.5 | 9 | 5.5 | $\frac{22}{17}$ | 20 | 58 | 159 | $\frac{71}{76}$ | 65 | 6.5 | 10 | 58 |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

UNITA' DI GUIDA PER CILINDRI PNEUMATICI

GUIDING UNITS FOR PNEUMATIC CYLINDERS

GDH – GDM per cilindri pneumatici \varnothing 32 ÷ 100 ISO 6431

GDH – GDM for pneumatic cylinders \varnothing 32 ÷ 100 ISO 6431



| \varnothing CIL. | A | A1 | B | B1 | C | C1 | CH | D ^{H7} | E | E1 | E2 | E3 | F | F1 | G | H | I | L | L1 | M | N | S | U |
|-----------------------|-----|-----|-----|-----|-----|----|----|-----------------|------|-----|------|-----|-----|-----|----|----|-----|-----|-----|----|----|----|-----|
| 32 | 97 | 90 | 50 | 45 | 125 | 12 | 13 | 6 | 32.5 | 78 | 4.3 | 61 | M6 | 6.5 | 20 | 31 | 74 | 177 | 94 | 54 | 17 | 12 | 76 |
| 40 | 115 | 105 | 58 | 50 | 136 | 12 | 15 | 6 | 38 | 84 | 11 | 69 | M6 | 6.5 | 22 | 36 | 87 | 192 | 105 | 55 | 21 | 16 | 81 |
| 50 | 137 | 124 | 70 | 60 | 144 | 15 | 21 | 6 | 46.5 | 100 | 18.5 | 85 | M8 | 9 | 23 | 45 | 104 | 237 | 106 | 68 | 26 | 20 | 79 |
| 63 | 152 | 145 | 85 | 70 | 176 | 15 | 21 | 6 | 56.5 | 105 | 15.3 | 100 | M8 | 9 | 23 | 45 | 119 | 237 | 121 | 68 | 26 | 20 | 111 |
| 80 | 189 | 180 | 105 | 100 | 215 | 20 | 27 | 6 | 72 | 130 | 21 | 130 | M10 | 11 | 30 | 56 | 148 | 280 | 128 | 78 | 34 | 25 | 128 |
| 100 | 213 | 200 | 130 | 120 | 220 | 20 | 27 | 6 | 89 | 150 | 24.5 | 150 | M10 | 11 | 30 | 56 | 173 | 280 | 138 | 78 | 39 | 25 | 128 |