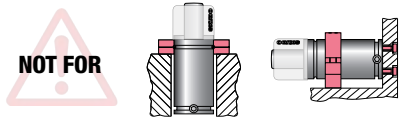


Il nuovo codice sarà fornito solo ad esaurimento del vecchio - The new code will be supplied only when the old will be out of stock - Der neue Kode wird nur angegeben, wenn der alte nicht mehr lieferbar ist - Le nouveau code sera fourni uniquement lorsque le vieux stock sera écoulé - El nuevo código será suministrado sólo cuando se agoten las existencias del antiguo - O novo código irá ser fornecido apenas quando o antigo esgotar stock

* F_{1i} = Isothermal end force at 100% Cu p. 16
 ** F_{1p} = Polytropic end force at 100% Cu

| Force color code | P | | Fo Initial force ± 5% at +20°C +68°F | |
|------------------|--------|----------|--|--------|
| | bar | psi | daN | lb |
| OR | 15 | 218 | 17 | 38 |
| PR | 25 | 363 | 28 | 63 |
| GR | 45 | 653 | 50 | 112 |
| BU | 90 | 1305 | 100 | 225 |
| RD | 135 | 1958 | 150 | 337 |
| YW | 180 | 2610 | 200 | 450 |
| BK | 10-180 | 145-2610 | 11-200 | 25-450 |



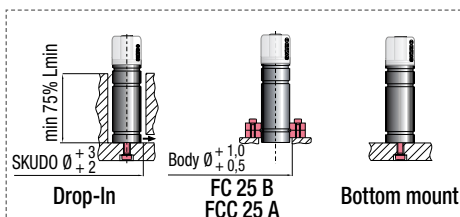
ACTIVE SAFETY



| | | 0 - 80 °C 32 - 176 °F | ΔP ± 0,33 %/°C | P max 180 bar 2610 psi | P min 10 bar 145 psi | S 1,13 cm ² 0.175 in ² | SPM ~ 50 - 80 (at 20°C) | Max Speed 1,8 m/s 70.8 in/s | Maintenance kit Disposable |
|-----------------------------|-----------------------|--------------------------|---------------------------|------------------------------|----------------------------|--|---------------------------------|-----------------------------------|-------------------------------|
| CODE | NEW | Cu | L | L min | F_{1i} * | F_{1p} ** | V0 | | |
| PHASING OUT from 05/2019 | | mm inch | mm inch | mm inch | End force * daN lb | End force ** daN lb | cm ³ in ³ | ~Kg ~lb | ✓ |
| MS200 - 007 - A - ... | MS200 - 007 - B - ... | 7 0.28 | 62 2.44 | 55 2.17 | 1.25 x FO | 1.43 x FO | 4,6 0.28 | 0,13 0.29 | ✓ |
| MS200 - 010 - A - ... | MS200 - 010 - B - ... | 9,7 0.38 | 67,4 2.65 | 57,7 2.27 | 1.30 x FO | 1.50 x FO | 5,6 0.34 | 0,13 0.29 | ✓ |
| MS200 - 012 - A - ... | MS200 - 012 - B - ... | 12 0.47 | 72 2.83 | 60 2.36 | 1.32 x FO | 1.54 x FO | 6,5 0.40 | 0,14 0.31 | ✓ |
| MS200 - 022 - A - ... | MS200 - 022 - B - ... | 22 0.87 | 92 3.62 | 70 2.76 | 1.39 x FO | 1.65 x FO | 10,2 0.62 | 0,16 0.35 | ✓ |
| MS200 - 035 - A - ... | MS200 - 035 - B - ... | 35,1 1.38 | 118,2 4.65 | 83,1 3.27 | 1.43 x FO | 1.72 x FO | 15,1 0.92 | 0,19 0.42 | ✓ |
| MS200 - 047 - A - ... | MS200 - 047 - B - ... | 47 1.85 | 142 5.59 | 95 3.74 | 1.45 x FO | 1.75 x FO | 19,6 1.20 | 0,20 0.44 | ✓ |
| MS200 - 060 - A - ... | MS200 - 060 - B - ... | 60,5 2.38 | 172 6.77 | 111,5 4.39 | 1.46 x FO | 1.78 x FO | 24,7 1.51 | 0,23 0.51 | ✓ |
| MS200 - 077 - A - ... | MS200 - 077 - B - ... | 77 3.03 | 205 8.07 | 128 5.04 | 1.47 x FO | 1.80 x FO | 30,8 1.88 | 0,26 0.57 | ✓ |
| MS200 - 097 - A - ... | MS200 - 097 - B - ... | 97 3.82 | 245 9.65 | 148 5.83 | 1.48 x FO | 1.81 x FO | 38,3 2.34 | 0,30 0.66 | ✓ |
| MS200 - 122 - A - ... | MS200 - 122 - B - ... | 122 4.80 | 295 11.61 | 173 6.81 | 1.49 x FO | 1.82 x FO | 47,7 2.91 | 0,34 0.75 | ✓ |

WARNING REMOVE SKUDO

Upside down mounting



HOW TO ORDER

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INSTALLATION GUIDELINE

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