

* F_{1i} =
Isothermal
end force
at 100% Cu

** F_{1p} =
Polytrophic
end force
at 100% Cu

**ACTIVE
SAFETY**



OSAS

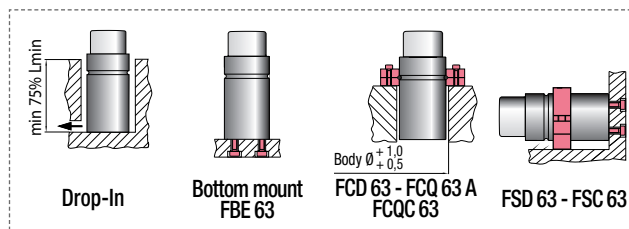


USAS



OPAS

| N ₂ | 0 - 80 °C 32 - 176 °F | ΔP ± 0,33 %/°C | P max 189 bar 1741 psi | P min 20 bar 290 psi | S 15,90 cm ² 2.465 in ² | SPM ~ 40 - 80 (at 20°C) | Max Speed 1,6 m/s 62.9 in/s | Maintenance kit 39BMMP03000A |
|-------------------|--------------------------|---------------------------|------------------------------|--|---|-------------------------------|-----------------------------------|---------------------------------|
| CODE | Cu | L | L min | F ₀ | F _{1i} * | F _{1p} ** | V ₀ | |
| | mm inch | mm inch | mm inch | Initial force daN lb | End force * daN lb | End force ** daN lb | cm ³ in ³ | ~Kg ~lb |
| MP 3000 - 010 - A | 10 0.39 | 95 3.74 | 85 3.35 | 3000 6744 ± 5% 189 bar 2741 psi + 20 °C +68 °F | 3792 8525 | 4150 9330 | 96,0 5.86 | 1,25 2.76 |
| MP 3000 - 015 - A | 15 0.59 | 115 4.53 | 100 3.94 | | 3877 8716 | 4263 9584 | 132,7 8.09 | 1,40 3.09 |
| MP 3000 - 020 - A | 20 0.79 | 125 4.92 | 105 4.13 | | 4099 9215 | 4567 10267 | 148,1 9.03 | 1,46 3.22 |
| MP 3000 - 025 - A | 25 0.98 | 135 5.31 | 110 4.33 | | 4298 9662 | 4840 10881 | 163,6 9.98 | 1,52 3.35 |
| MP 3000 - 032 - A | 32 1.26 | 150 5.91 | 118 4.65 | | 4516 10152 | 5145 11566 | 187,3 11.43 | 1,62 3.57 |
| MP 3000 - 038 - A | 38 1.50 | 165 6.50 | 127 5.00 | | 4622 10391 | 5294 11901 | 212,2 12.94 | 1,72 3.79 |
| MP 3000 - 045 - A | 45 1.77 | 180 7.09 | 135 5.31 | | 4781 10748 | 5519 12407 | 235,9 14.39 | 1,82 4.01 |
| MP 3000 - 050 - A | 50 1.97 | 190 7.48 | 140 5.51 | | 4898 11011 | 5686 12783 | 251,3 15.33 | 1,89 4.17 |
| MP 3000 - 063 - A | 63 2.48 | 220 8.66 | 157 6.18 | | 5065 11387 | 5926 13322 | 299,9 18.29 | 2,08 4.59 |
| MP 3000 - 080 - A | 80 3.15 | 255 10.04 | 175 6.89 | | 5319 11958 | 6292 14145 | 354,5 21.62 | 2,31 5.09 |



HOW TO ORDER



INSTALLATION GUIDELINE

