



**OSAS + OSM** = OVER STROKE ACTIVE SAFETY + OVER STROKE MARKER

## ACTIVE SAFETY



OSAS



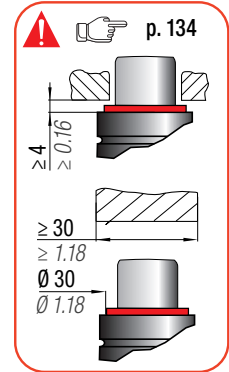
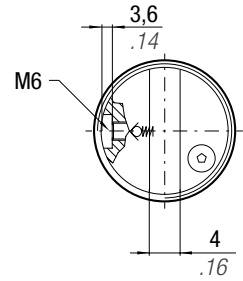
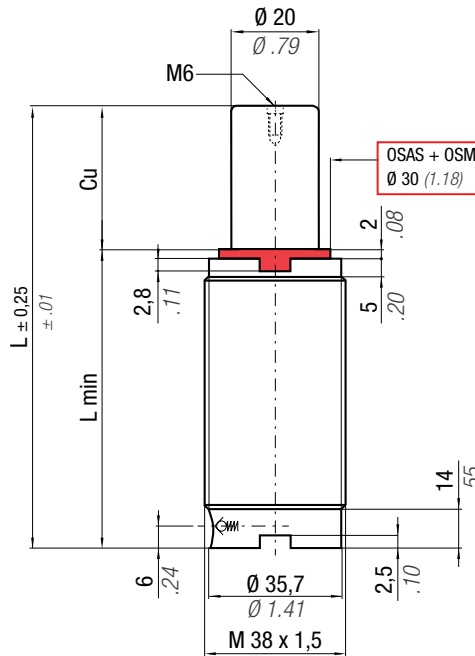
USAS



OPAS

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 épuisé  
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

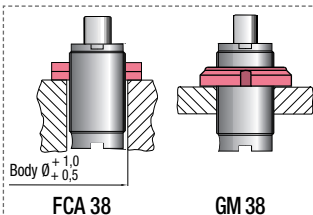
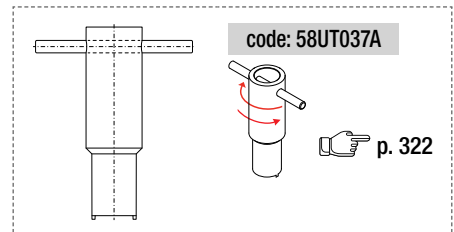
\*  $F_{1i}$  = Isothermal end force at 100% Cu p. 16 \*\*  $F_{1p}$  = Polyphoric end force at 100% Cu



|                      |                          |                          |                                     |                                   |   |                                       |  |                                       |
|----------------------|--------------------------|--------------------------|-------------------------------------|-----------------------------------|---|---------------------------------------|--|---------------------------------------|
| <b>N<sub>2</sub></b> | 0 - 80 °C<br>32 - 176 °F | <b>ΔP</b><br>± 0,33 %/°C | <b>P max</b><br>150 bar<br>2175 psi | <b>P min</b><br>20 bar<br>290 psi | <b>S</b><br>3,14 cm <sup>2</sup><br>0,487 in <sup>2</sup> | <b>SPM</b><br>~ 30 - 100<br>(at 20°C) | <b>Max Speed</b><br>1,8 m/s<br>70,8 in/s | <b>Maintenance kit</b><br>39BMH00500B |
|----------------------|--------------------------|--------------------------|-------------------------------------|-----------------------------------|---|---------------------------------------|--|---------------------------------------|

| CODE<br>PHASING OUT<br>from 04/2021 | NEW                | Cu  |      | L     |       | L min |      | F <sub>0</sub><br>Initial force<br>daN lb                 | F <sub>1i</sub> * |      | F <sub>1p</sub> ** |       | V <sub>0</sub> |      | PED<br>2014/68/EU |                 |                 |
|-------------------------------------|--------------------|-----|------|-------|-------|-------|------|---|-------------------|------|--------------------|-------|----------------|------|-------------------|-----------------|-----------------|
|                                     |                    | mm  | inch | mm    | inch  | mm    | inch |   | daN               | lb   | daN                | lb    | daN            | lb   |                   | cm <sup>3</sup> | in <sup>3</sup> |
| HF 500 - 010 - C                    | ♦ HF 500 - 010 - D | 10  | 0.39 | 70    | 2.76  | 60    | 2.36 | 470 1057<br>± 5%<br>150 bar<br>2175 psi<br>+ 20 °C +68 °F | 595               | 1338 | 673                | 1512  | 17,6           | 1.07 | 0,31              | 0,68            | ✓               |
| HF 500 - 013 - C                    | HF 500 - 013 - D   | 13  | 0.51 | 75,7  | 2.98  | 62,7  | 2.47 |   | 617               | 1386 | 705                | 1585  | 20,2           | 1.23 | 0,32              | 0,71            | ✓               |
| HF 500 - 016 - C                    | HF 500 - 016 - D   | 16  | 0.63 | 82    | 3.23  | 66    | 2.60 |   | 634               | 1426 | 732                | 1646  | 22,7           | 1.39 | 0,34              | 0,75            | ✓               |
| HF 500 - 019 - C                    | HF 500 - 019 - D   | 19  | 0.75 | 88    | 3.46  | 69    | 2.72 |   | 649               | 1459 | 755                | 1697  | 25,3           | 1.54 | 0,35              | 0,77            | ✓               |
| HF 500 - 025 - C                    | HF 500 - 025 - D   | 25  | 0.98 | 100   | 3.94  | 75    | 2.95 |   | 673               | 1512 | 791                | 1778  | 30,4           | 1.86 | 0,38              | 0,84            | ✓               |
| HF 500 - 038 - C                    | HF 500 - 038 - D   | 38  | 1.50 | 126   | 4.96  | 88    | 3.46 |   | 706               | 1587 | 843                | 1896  | 41,5           | 2.53 | 0,44              | 0,97            | ✓               |
| HF 500 - 050 - C                    | HF 500 - 050 - D   | 50  | 1.97 | 150   | 5.91  | 100   | 3.94 |   | 725               | 1630 | 874                | 1965  | 51,7           | 3.15 | 0,50              | 1.10            | ✓               |
| HF 500 - 063 - C                    | HF 500 - 063 - D   | 63  | 2.48 | 176,5 | 6.95  | 113,5 | 4.47 |   | 737               | 1658 | 894                | 2010  | 63,1           | 3.85 | 0,56              | 1.23            | ✓               |
| HF 500 - 080 - C                    | HF 500 - 080 - D   | 80  | 3.15 | 210   | 8.27  | 130   | 5.12 |   | 753               | 1692 | 919                | 2065  | 77,2           | 4.71 | 0,64              | 1.41            | ✓               |
| HF 500 - 100 - C                    | HF 500 - 100 - D   | 100 | 3.94 | 250   | 9.84  | 150   | 5.91 |   | 763               | 1716 | 936                | 2104  | 94,3           | 5.75 | 0,73              | 1.61            | ✓               |
| HF 500 - 125 - C                    | HF 500 - 125 - D   | 125 | 4.92 | 300   | 11.81 | 175   | 6.89 | 772   | 1737              | 951  | 2137               | 115,5 | 7.05           | 0,85 | 1.87              | ✓               |                 |

♦ Disposable



**HOW TO ORDER**  
 p. 135

**INSTALLATION GUIDELINE**  
 p. 205