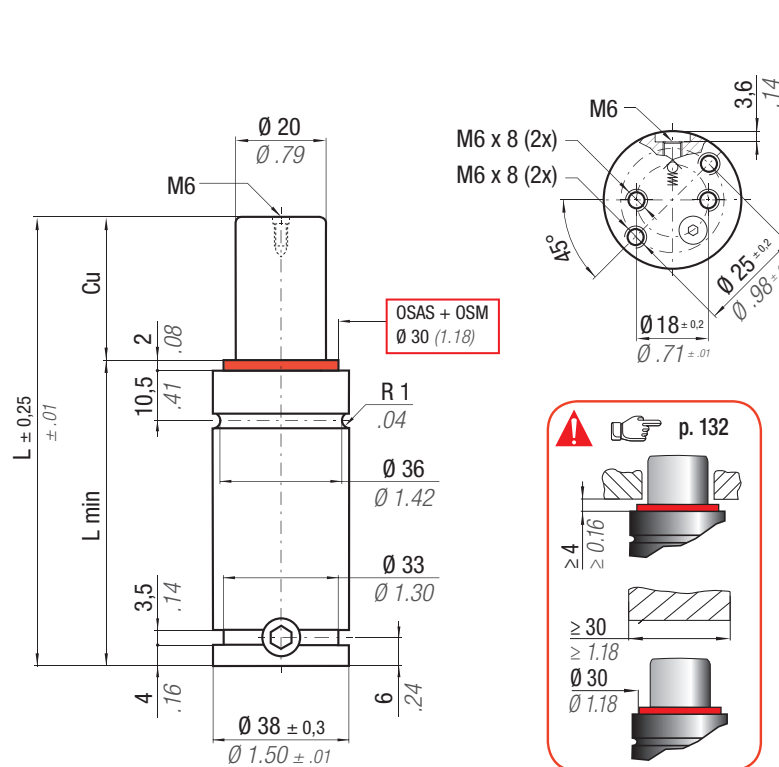




OSAS + OSM = OVER STROKE ACTIVE SAFETY + OVER STROKE MARKER



\*  $F_{1i}$  =

Isothermal end force at 100% Cu

\*\*  $F_{1p}$  =

Polytropic end force at 100% Cu

ACTIVE SAFETY



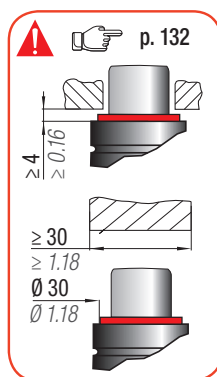
OSAS



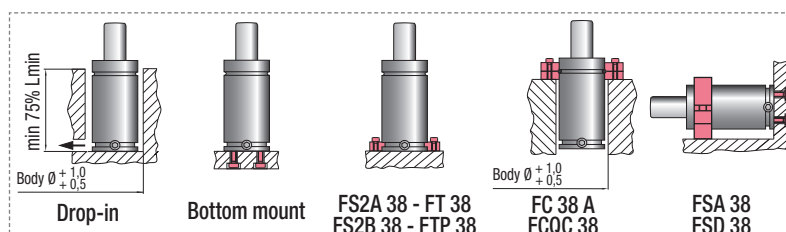
USAS



OPAS



|                                                                                     |                                                                                     |                        |                                                                                     |                      |                          |                                     |                                   |                                                           |                                        |                                          |                                        |      |                                                                                       |                                                                                       |                 |      |     |            |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------|----------------------|--------------------------|-------------------------------------|-----------------------------------|-----------------------------------------------------------|----------------------------------------|------------------------------------------|----------------------------------------|------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------|------|-----|------------|
|  | <b>N<sub>2</sub></b>                                                                | <b>°F</b><br>32<br>176 |  | <b>°C</b><br>0<br>80 | <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              | <b>Maintenance kit</b><br>39BMRV00500C |      |                                                                                       |                                                                                       |                 |      |     |            |
| <b>CODE</b>                                                                         |  | <b>Cu</b>              |                                                                                     | <b>L</b>             |                          | <b>L min</b>                        |                                   | <b>F<sub>0</sub></b><br>Initial force                     | <b>F<sub>1i</sub> *</b><br>End force * | <b>F<sub>1p</sub> **</b><br>End force ** | <b>V<sub>0</sub></b>                   |      |  |  |                 |      |     |            |
|                                                                                     |                                                                                     | mm                     | inch                                                                                | mm                   | inch                     | mm                                  | inch                              | daN                                                       | lb                                     | daN                                      | lb                                     | daN  | lb                                                                                    | cm <sup>3</sup>                                                                       | in <sup>3</sup> | ~Kg  | ~lb | 2014/68/EU |
| H 500 - 010 - C                                                                     |                                                                                     | 10                     | 0.39                                                                                | 70                   | 2.76                     | 60                                  | 2.36                              | 470 1057<br>± 5%                                          | 559                                    | 1257                                     | 619                                    | 1391 | 24,0                                                                                  | 1.46                                                                                  | 0,32            | 0.71 | ✓   |            |
| H 500 - 013 - C                                                                     |                                                                                     | 13                     | 0.51                                                                                | 75,7                 | 2.98                     | 62,7                                | 2.47                              |                                                           | 578                                    | 1300                                     | 647                                    | 1455 | 26,0                                                                                  | 1.59                                                                                  | 0,33            | 0.73 | ✓   |            |
| H 500 - 016 - C                                                                     |                                                                                     | 16                     | 0.63                                                                                | 82                   | 3.23                     | 66                                  | 2.60                              |                                                           | 593                                    | 1333                                     | 669                                    | 1504 | 29,0                                                                                  | 1.77                                                                                  | 0,34            | 0.75 | ✓   |            |
| H 500 - 019 - C                                                                     |                                                                                     | 19                     | 0.75                                                                                | 88                   | 3.46                     | 69                                  | 2.72                              |                                                           | 606                                    | 1363                                     | 690                                    | 1550 | 31,0                                                                                  | 1.89                                                                                  | 0,36            | 0.79 | ✓   |            |
| H 500 - 025 - C                                                                     |                                                                                     | 25                     | 0.98                                                                                | 100                  | 3.94                     | 75                                  | 2.95                              |                                                           | 629                                    | 1415                                     | 724                                    | 1628 | 36,0                                                                                  | 2.20                                                                                  | 0,39            | 0.86 | ✓   |            |
| H 500 - 038 - C                                                                     |                                                                                     | 38                     | 1.50                                                                                | 126                  | 4.96                     | 88                                  | 3.46                              | 150 bar<br>2175 psi                                       | 664                                    | 1494                                     | 778                                    | 1750 | 48,0                                                                                  | 2.93                                                                                  | 0,45            | 0.99 | ✓   |            |
| H 500 - 050 - C                                                                     |                                                                                     | 50                     | 1.97                                                                                | 150                  | 5.91                     | 100                                 | 3.94                              | + 20 °C +68 °F                                            | 687                                    | 1544                                     | 813                                    | 1828 | 58,0                                                                                  | 3.54                                                                                  | 0,50            | 1.10 | ✓   |            |
| H 500 - 063 - C                                                                     |                                                                                     | 63                     | 2.48                                                                                | 176,5                | 6.95                     | 113,5                               | 4.47                              |                                                           | 702                                    | 1579                                     | 838                                    | 1883 | 70,0                                                                                  | 4.27                                                                                  | 0,57            | 1.26 | ✓   |            |
| H 500 - 080 - C                                                                     |                                                                                     | 80                     | 3.15                                                                                | 210                  | 8.27                     | 130                                 | 5.12                              |                                                           | 721                                    | 1620                                     | 867                                    | 1948 | 84,0                                                                                  | 5.12                                                                                  | 0,64            | 1.41 | ✓   |            |
| H 500 - 100 - C                                                                     |                                                                                     | 100                    | 3.94                                                                                | 250                  | 9.84                     | 150                                 | 5.91                              |                                                           | 734                                    | 1651                                     | 889                                    | 1998 | 101,0                                                                                 | 6.16                                                                                  | 0,74            | 1.63 | ✓   |            |
| H 500 - 125 - C                                                                     |                                                                                     | 125                    | 4.92                                                                                | 300                  | 11.81                    | 175                                 | 6.89                              |                                                           | 746                                    | 1678                                     | 908                                    | 2042 | 123,0                                                                                 | 7.50                                                                                  | 0.86            | 1.90 | ✓   |            |



HOW TO ORDER



INSTALLATION GUIDELINE

