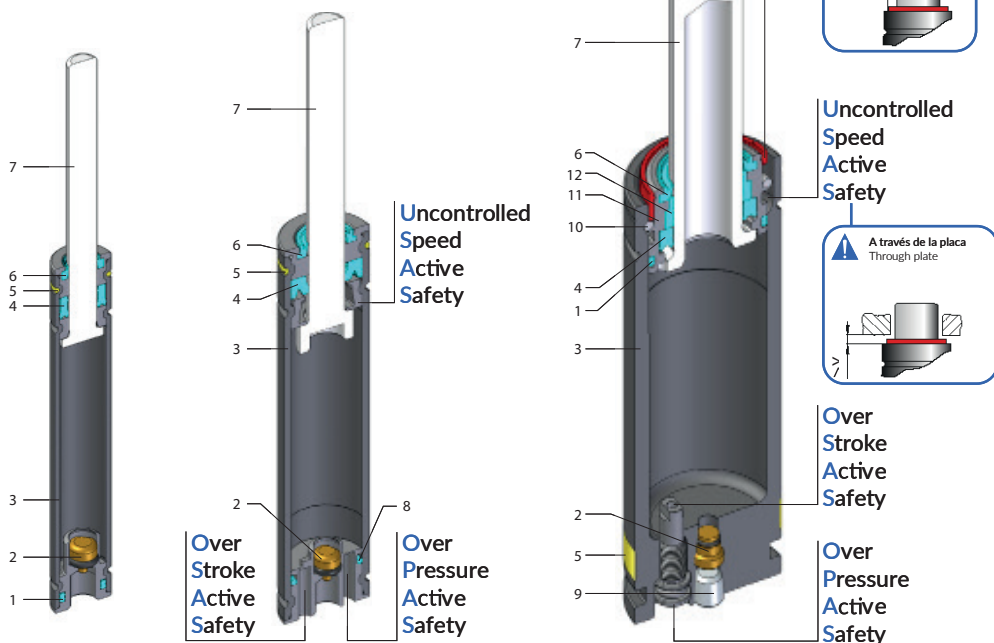


# CILINDRO M GAS SPRING M

STOCK



M 50 - M 70

M 90 - M 200

M 300

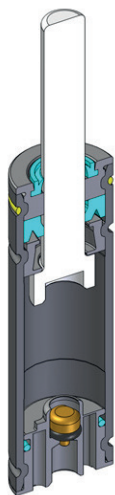
Standard: VDI

| Model | Body Ø | Stroke Cu | Initial force F0 | OSAS | USAS | OPAS | SKUDO | SW (optional) |
|-------|--------|-----------|------------------|------|------|------|-------|---------------|
|       | mm     | mm        | daN              |      |      |      |       |               |
| M50   | 12     | 7 - 125   | 6 - 50           | -    | -    | -    | -     | •             |
| M70   | 15     | 7 - 125   | 8 - 70           | -    | -    | -    | -     | •             |
| M90   | 19     | 7 - 125   | 5 - 90           | •    | •    | •    | -     | •             |
| M200  | 25     | 7 - 125   | 17 - 200         | •    | •    | •    | -     | •             |
| M300  | 32     | 7 - 125   | 80 - 320         | •    | •    | -    | -     | •             |

|    |   |
|----|---|
| 1  | Anillo dual / Dual ring seal                        |
| 2  | Válvula / Valve                                     |
| 3  | Cuerpo / Body                                       |
| 4  | Retén / Rod seal                                    |
| 5  | Código de color de fuerza / Force color code        |
| 6  | Retén / Rod wiper                                   |
| 7  | Vástago (Nitrurado) / Rod (Nitrited Super finished) |
| 8  | Anillo-O / O-ring                                   |
| 9  | Tapón / Stopper                                     |
| 10 | Anillo de retención / Retaining ring                |
| 11 | Casquillo / Bush                                    |
| 12 | Anillo guía / Guide ring                            |

## CILINDRO M GAS SPRING M

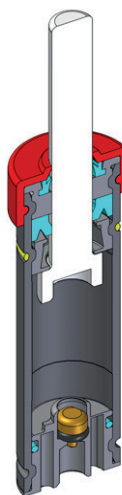
Versiones disponibles  
Available versions



Standard code



Cilindro  
GAS SPRING



Standard code + W

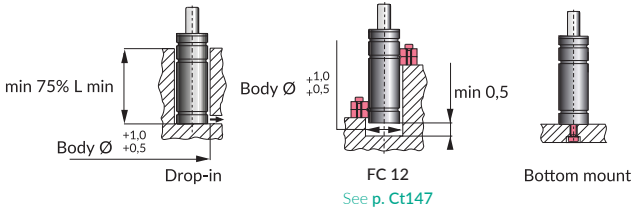
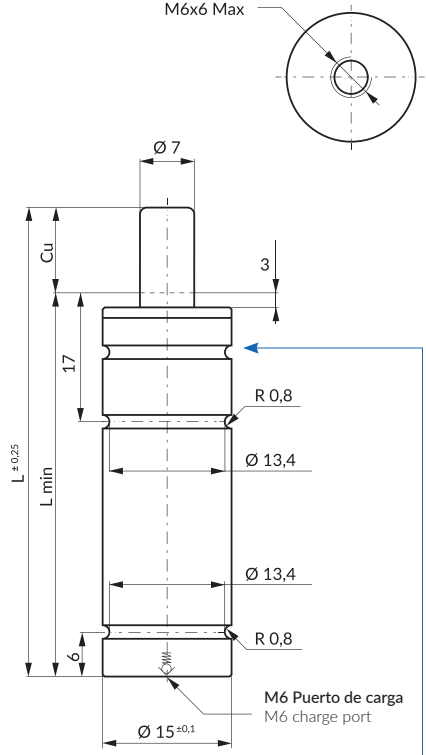
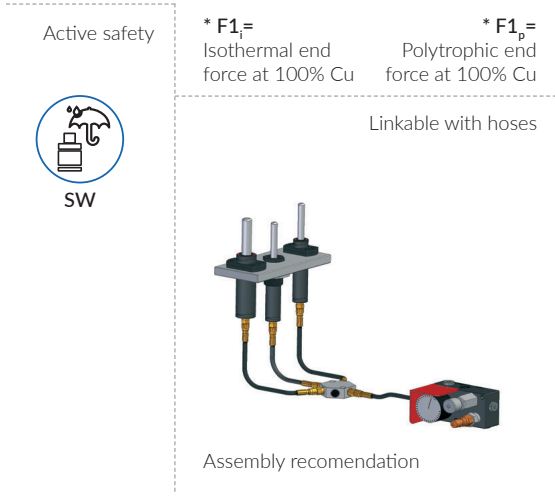


Cilindro  
GAS SPRING  
+  
Rascador secundario  
Secondary wiper



See p. Ct163

**CILINDRO M 70**  
**GAS SPRING M 70**



**!** Only for SW (Secondary Wiper). Not for mounting.

|                |          |               |         |        |                      |                    |           |                 |
|----------------|----------|---------------|---------|--------|----------------------|--------------------|-----------|-----------------|
|                |          | $\Delta P$    | P max   | P min  | S                    | SPM                | Max Speed | Maintenance kit |
| N <sub>2</sub> | 0 - 80°C | ± 0,33 % / °C | 180 bar | 20 bar | 0,38 cm <sup>2</sup> | ~100 -150 (at 20°) | 1,8 m/s   | Not available   |

| Code     | Cu   | L    | L min | F0                   | F1                | V0                     |   |
|----------|------|------|-------|----------------------|-------------------|------------------------|---|
|          | mm   | mm   | mm    | Initial force<br>daN | End force*<br>daN | cm <sup>3</sup><br>~Kg |   |
| M 50-007 | 7    | 56   | 49    | 1,19 x FO            | 1,33 x FO         | 1,9                    | • |
| M 50-010 | 10   | 62   | 52    | 1,24 x FO            | 1,41 x FO         | 2,2                    | • |
| M 50-013 | 12,7 | 67,4 | 54,7  | 1,27 x FO            | 1,46 x FO         | 2,6                    | • |
| M 50-015 | 15   | 72   | 57    | 1,30 x FO            | 1,51 x FO         | 2,8                    | • |
| M 50-019 | 19   | 80   | 61    | 1,34 x FO            | 1,57 x FO         | 3,2                    | • |
| M 50-025 | 25   | 92   | 67    | 1,38 x FO            | 1,64 x FO         | 3,9                    | • |
| M 50-038 | 38   | 118  | 80    | 1,44 x FO            | 1,73 x FO         | 5,3                    | • |
| M 50-050 | 50   | 142  | 92    | 1,48 x FO            | 1,79 x FO         | 6,6                    | • |
| M 50-063 | 63,5 | 172  | 108,5 | 1,47 x FO            | 1,79 x FO         | 8,5                    | • |
| M 50-075 | 75   | 195  | 120   | 1,49 x FO            | 1,82 x FO         | 9,7                    | • |
| M 50-080 | 80   | 205  | 125   | 1,50 x FO            | 1,83 x FO         | 10,3                   | • |
| M 50-100 | 100  | 245  | 145   | 1,52 x FO            | 1,87 x FO         | 12,5                   | • |
| M 50-125 | 125  | 295  | 170   | 1,54 x FO            | 1,90 x FO         | 15,2                   | • |

P = Nominal charging pressure

| Force color code | P      | F0                                   |
|------------------|--------|--------------------------------------|
|                  | bar    | Initial force<br>± 5%   +20°C<br>daN |
| GR               | 45     | 18                                   |
| BU               | 90     | 35                                   |
| RD               | 135    | 50                                   |
| YW               | 180    | 70                                   |
| BK               | 20-180 | 8-70                                 |

How to order: Code + Force color code