

# Cilindri molla ad azoto Serie M

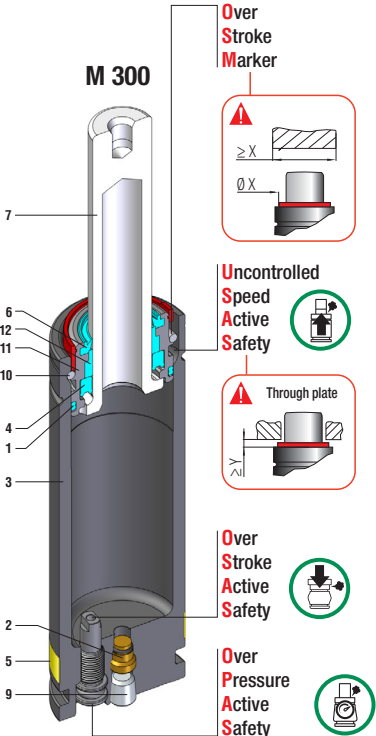
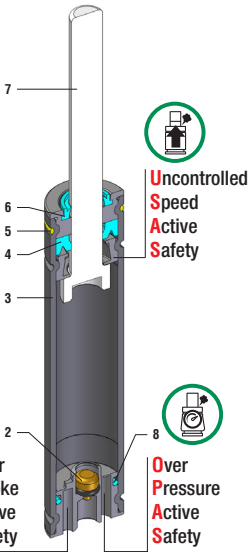
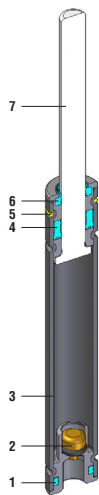
Nitrogen gas spring M Series



M 50 - M 70

M 90 - M 200

M 300



## Sealing

ROD SEAL

## Design

RETAINING GROOVE DESIGN

BUSH - BODY DESIGN (M300 only)

|   |                |   |                              |    |                |
|---|----------------|---|------------------------------|----|----------------|
| 1 | Dual ring seal | 5 | Force color code             | 9  | Stopper        |
| 2 | Valve          | 6 | Rod wiper                    | 10 | Retaining ring |
| 3 | Body           | 7 | Rod (Nitrited Superfinished) | 11 | Bush           |
| 4 | Rod seal       | 8 | O-ring                       | 12 | Guide ring     |

| Codice<br>Code | Corpo Body<br>Ø |      | Corsa Stroke<br>Cu |             | Forza iniziale Initial force<br>FO |           |  |  |  |
|----------------|-----------------|------|--------------------|-------------|------------------------------------|-----------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                | mm              | inch | mm                 | inch        | daN                                | lb        | OSAS                                                                                  | USAS                                                                                  | OPAS                                                                                  |
| M 50 -...      | 12              | 0.47 | 7 - 125            | 0.28 - 4.92 | 6 - 50                             | 13 - 112  | -                                                                                     | -                                                                                     | -                                                                                     |
| M 50 TBI -...  | 5/8" 11 UNC     |      | 7 - 125            | 0.28 - 4.92 | 6 - 50                             | 13 - 112  | -                                                                                     | -                                                                                     | -                                                                                     |
| M 50 TBM1 -... | M 16 X 1,5      |      | 7 - 125            | 0.28 - 4.92 | 6 - 50                             | 13 - 112  | -                                                                                     | -                                                                                     | -                                                                                     |
| M 50 TBM2 -... | M 16 X 2        |      | 7 - 125            | 0.28 - 4.92 | 6 - 50                             | 13 - 112  | -                                                                                     | -                                                                                     | -                                                                                     |
| M 50 TEM -...  | M 16 X 2        |      | 7 - 125            | 0.28 - 4.92 | 6 - 50                             | 13 - 112  | -                                                                                     | -                                                                                     | -                                                                                     |
| M 70 -...      | 15              | 0.59 | 7 - 125            | 0.28 - 4.92 | 8 - 70                             | 18 - 157  | -                                                                                     | -                                                                                     | -                                                                                     |
| M 90 -...      | 19              | 0.75 | 7 - 125            | 0.28 - 4.92 | 5 - 90                             | 11 - 202  | ●                                                                                     | ●                                                                                     | ●                                                                                     |
| M 90 TBM -...  | M 24 X 1,5      |      | 7 - 125            | 0.28 - 4.92 | 5 - 90                             | 11 - 202  | ●                                                                                     | ●                                                                                     | ●                                                                                     |
| M 90 TEM -...  | M 24 X 1,5      |      | 7 - 125            | 0.28 - 4.92 | 5 - 90                             | 11 - 202  | ●                                                                                     | ●                                                                                     | ●                                                                                     |
| M 90 TBI -...  | 1" 8 UNC        |      | 7 - 125            | 0.28 - 4.92 | 5 - 90                             | 11 - 202  | ●                                                                                     | ●                                                                                     | ●                                                                                     |
| M 200 -...     | 25              | 0.98 | 7 - 200            | 0.28 - 7.87 | 17 - 200                           | 38 - 450  | ●                                                                                     | ●                                                                                     | ●                                                                                     |
| M 300 -...     | 32              | 1.26 | 7 - 125            | 0.28 - 4.92 | 80 - 320                           | 180 - 719 | ●                                                                                     | ●                                                                                     | ●                                                                                     |

● Integrato di serie / Built-in as standard



VDI  
3003



## OSAS

Sicurezza Attiva Oltre Corsa  
Over Stroke Active Safety



VDI  
3003



## USAS

Sicurezza Attiva Ritorno Incontrollato  
Uncontrolled Speed Active Safety



VDI  
3003



## OPAS

Sicurezza Attiva Oltre Pressione  
Over Pressure Active Safety