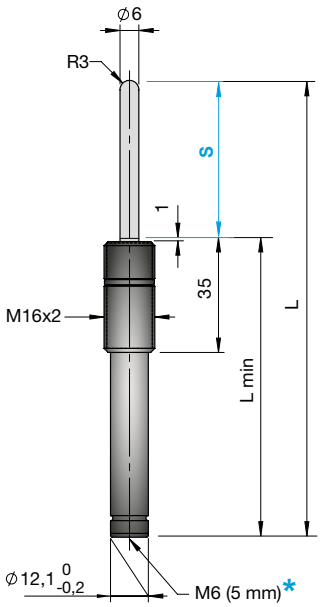
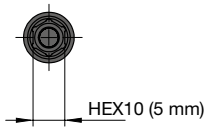
# EP3-16x2

*Spring plunger*



Type 1
Type 2
Type 3
Type 4
Type 5 (individual)




Norm: ISO 20928
VDI 3004

T: < 80 °C

*S = stroke*
** Charge port*

| S | Type | L ± 0.25 | L min | bar | F1 [daN] | F2 [daN] | m [kg] | V [L] | Order No. |
|---|---|---|---|---|---|---|---|---|---|
| 10 | 1 | 65 | 55 | 20 | 5.7 | 9.5 | 0.06 | 0.002 | EP3-16x2-10-1 |
| 10 | 2 | 65 | 55 | 40 | 11 | 19 | 0.06 | 0.002 | EP3-16x2-10-2 |
| 10 | 3 | 65 | 55 | 75 | 21 | 36 | 0.06 | 0.002 | EP3-16x2-10-3 |
| 10 | 4 | 65 | 55 | 150 | 42 | 71.5 | 0.06 | 0.002 | EP3-16x2-10-4 |
| 10 | 5 | 65 | 55 | 150 | - | 71.5 | 0.06 | 0.002 | EP3-16x2-10-5 |
| 20 | 1 | 85 | 65 | 20 | 5.7 | 9.5 | 0.07 | 0.003 | EP3-16x2-20-1 |
| 20 | 2 | 85 | 65 | 40 | 11 | 19 | 0.07 | 0.003 | EP3-16x2-20-2 |
| 20 | 3 | 85 | 65 | 75 | 21 | 36 | 0.07 | 0.003 | EP3-16x2-20-3 |
| 20 | 4 | 85 | 65 | 150 | 42 | 71.5 | 0.07 | 0.003 | EP3-16x2-20-4 |
| 20 | 5 | 85 | 65 | 150 | - | 71.5 | 0.07 | 0.003 | EP3-16x2-20-5 |
| 30 | 1 | 105 | 75 | 20 | 5.7 | 9.5 | 0.07 | 0.003 | EP3-16x2-30-1 |
| 30 | 2 | 105 | 75 | 40 | 11 | 19 | 0.07 | 0.003 | EP3-16x2-30-2 |
| 30 | 3 | 105 | 75 | 75 | 21 | 36 | 0.07 | 0.003 | EP3-16x2-30-3 |
| 30 | 4 | 105 | 75 | 150 | 42 | 71.5 | 0.07 | 0.003 | EP3-16x2-30-4 |
| 30 | 5 | 105 | 75 | 150 | - | 71.5 | 0.07 | 0.003 | EP3-16x2-30-5 |
| 40 | 1 | 125 | 85 | 20 | 5.7 | 9.5 | 0.08 | 0.004 | EP3-16x2-40-1 |
| 40 | 2 | 125 | 85 | 40 | 11 | 19 | 0.08 | 0.004 | EP3-16x2-40-2 |
| 40 | 3 | 125 | 85 | 75 | 21 | 36 | 0.08 | 0.004 | EP3-16x2-40-3 |
| 40 | 4 | 125 | 85 | 150 | 42 | 71.5 | 0.08 | 0.004 | EP3-16x2-40-4 |
| 40 | 5 | 125 | 85 | 150 | - | 71.5 | 0.08 | 0.004 | EP3-16x2-40-5 |
| 50 | 1 | 145 | 95 | 20 | 5.7 | 9.5 | 0.08 | 0.005 | EP3-16x2-50-1 |
| 50 | 2 | 145 | 95 | 40 | 11 | 19 | 0.08 | 0.005 | EP3-16x2-50-2 |
| 50 | 3 | 145 | 95 | 75 | 21 | 36 | 0.08 | 0.005 | EP3-16x2-50-3 |
| 50 | 4 | 145 | 95 | 150 | 42 | 71.5 | 0.08 | 0.005 | EP3-16x2-50-4 |
| 50 | 5 | 145 | 95 | 150 | - | 71.5 | 0.08 | 0.005 | EP3-16x2-50-5 |
| 60 | 1 | 165 | 105 | 20 | 5.7 | 9.5 | 0.09 | 0.005 | EP3-16x2-60-1 |
| 60 | 2 | 165 | 105 | 40 | 11 | 19 | 0.09 | 0.005 | EP3-16x2-60-2 |
| 60 | 3 | 165 | 105 | 75 | 21 | 36 | 0.09 | 0.005 | EP3-16x2-60-3 |
| 60 | 4 | 165 | 105 | 150 | 42 | 71.5 | 0.09 | 0.005 | EP3-16x2-60-4 |
| 60 | 5 | 165 | 105 | 150 | - | 71.5 | 0.09 | 0.005 | EP3-16x2-60-5 |
| 70 | 1 | 185 | 115 | 20 | 5.7 | 9.5 | 0.10 | 0.006 | EP3-16x2-70-1 |
| 70 | 2 | 185 | 115 | 40 | 11 | 19 | 0.10 | 0.006 | EP3-16x2-70-2 |

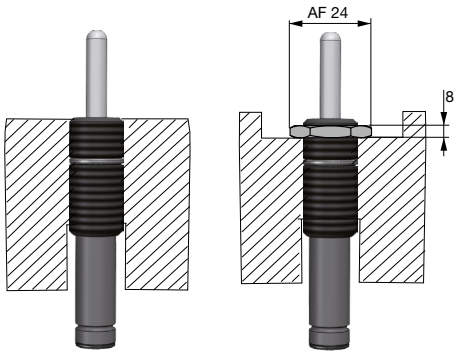
D 3002B 03.2025

# EP3-16x2

*Spring plunger*

| S | Type | L ± 0.25 | L min | bar | F1 [daN] | F2 [daN] | m [kg] | V [L] | Order No. |
|---|---|---|---|---|---|---|---|---|---|
| 70 | 3 | 185 | 115 | 75 | 21 | 36 | 0.10 | 0.006 | EP3-16x2-70-3 |
| 70 | 4 | 185 | 115 | 150 | 42 | 71.5 | 0.10 | 0.006 | EP3-16x2-70-4 |
| 70 | 5 | 185 | 115 | 150 | - | 71.5 | 0.10 | 0.006 | EP3-16x2-70-5 |
| 80 | 1 | 205 | 125 | 20 | 5.7 | 9.5 | 0.11 | 0.006 | EP3-16x2-80-1 |
| 80 | 2 | 205 | 125 | 40 | 11 | 19 | 0.11 | 0.006 | EP3-16x2-80-2 |
| 80 | 3 | 205 | 125 | 75 | 21 | 36 | 0.11 | 0.006 | EP3-16x2-80-3 |
| 80 | 4 | 205 | 125 | 150 | 42 | 71.5 | 0.11 | 0.006 | EP3-16x2-80-4 |
| 80 | 5 | 205 | 125 | 150 | - | 71.5 | 0.11 | 0.006 | EP3-16x2-80-5 |
| 100 | 1 | 245 | 145 | 20 | 5.7 | 9.5 | 0.11 | 0.008 | EP3-16x2-100-1 |
| 100 | 2 | 245 | 145 | 40 | 11 | 19 | 0.11 | 0.008 | EP3-16x2-100-2 |
| 100 | 3 | 245 | 145 | 75 | 21 | 36 | 0.11 | 0.008 | EP3-16x2-100-3 |
| 100 | 4 | 245 | 145 | 150 | 42 | 71.5 | 0.11 | 0.008 | EP3-16x2-100-4 |
| 100 | 5 | 245 | 145 | 150 | - | 71.5 | 0.11 | 0.008 | EP3-16x2-100-5 |
| 125 | 1 | 295 | 170 | 20 | 5.7 | 9.5 | 0.13 | 0.010 | EP3-16x2-125-1 |
| 125 | 2 | 295 | 170 | 40 | 11 | 19 | 0.13 | 0.010 | EP3-16x2-125-2 |
| 125 | 3 | 295 | 170 | 75 | 21 | 36 | 0.13 | 0.010 | EP3-16x2-125-3 |
| 125 | 4 | 295 | 170 | 150 | 42 | 71.5 | 0.13 | 0.010 | EP3-16x2-125-4 |
| 125 | 5 | 295 | 170 | 150 | - | 71.5 | 0.13 | 0.010 | EP3-16x2-125-5 |

## INSTALLATION VARIANTS




| Technical information | |
|---|---|
| Pressure medium | $N_2$ |
| Max. filling pressure (at 20 °C) | 150 bar |
| Min. filling pressure (at 20 °C) | 10 bar |
| Operating temperature | 0 °C - 80 °C |
| Force increase by temperature | 0,3 % / 1 °C |
| Max. piston rod velocity | 1,6 m/s |
| Recommended max strokes / min (at 20° C) | ~ 100 |
| Repair kit | - |

D 3002B 03.2025



STRACK NORMA GmbH & Co. KG · Königsberger Str. 11 · D-58511 Lüdenscheid · Tel +49 2351 8701-0 · www.strack.de