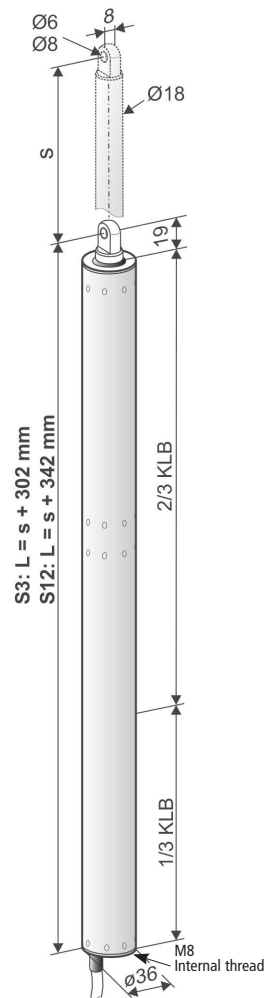
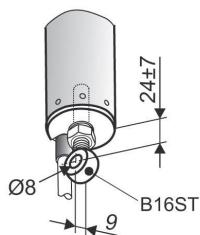


OPTION



OPTION



- Application: natural ventilation, SHEV, ferralux®-NSHEV
- Options**
- Spindle tube end with interior thread for clevis
- Eyebolt and clevis for rear suspension

S3

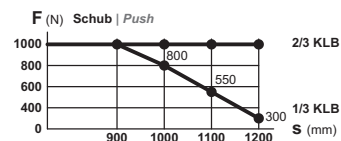
- Internal load dependend cut-off switch, post cycle resistant S3
- Programmable motion monitored run (up to 300 mm stroke)
- Programmable sequence control with locking drives (S3 / S12)

S12

- Internal Intelligent Control Electronics S12
- Options**
- Programmable synchronised run (max. 4 drives) and special functions
- M-COM for automatic synchronised run of multi drive systems and automatic sequence control with locking drives (S3 / S12)

TECHNICAL DATA

| | | |
|-------|---------------------------|-----------------------------------|
| U_N | Rated voltage | 24V DC ($\pm 20\%$), max. 2 Vpp |
| I_N | Rated current | 0,8 A |
| I_A | Cut-off current | 1,0 A |
| P_N | Rated power | 19 W |
| ED | Duty cycle | 30 % (ON: 3 min. / OFF: 7 min.) |
| | Protection rating | IP 65 |
| | Ambient temperature range | -5 °C ... +75 °C |
| F_Z | Pulling force max. | 1000 N |
| F_A | Pushing force | |



| | | |
|-------|------------------------|---|
| F_H | Pullout force | 5000 N (fastening depended) |
| | Spindle tube | stainless steel |
| | Connecting cable | non-halogen, grey 3 x 1,0 mm ² , ~ 3 m |
| v | Speed | $v_{\text{push}} = 4,6 \text{ mm/s}$ $v_{\text{pull}} = 4,6 \text{ mm/s}$ |
| s | Stroke | 100 – 1200 mm ($\pm 5\%$) |
| L | Length | S3: s + 302 mm S12: s + 342 mm see order data |
| | Sound pressure level A | $\leq 70 \text{ dB (A)}$ |

| ORDER DATA | | | | | | |
|------------|--------|-----------------|--------|---------|-----------|--|
| s [mm] | L [mm] | Version | Finish | PU/pcs. | Part.-No. | |
| 100 | 402 | PLA101 100 S3 | E6/C-0 | 1 | 565110 | |
| | 442 | PLA101 100 S12 | | 1 | 564910 | |
| 200 | 502 | PLA101 200 S3 | E6/C-0 | 1 | 565120 | |
| | 542 | PLA101 200 S12 | | 1 | 564922 | |
| 300 | 602 | PLA101 300 S3 | E6/C-0 | 1 | 565130 | |
| | 642 | PLA101 300 S12 | | 1 | 564930 | |
| 400 | 702 | PLA 01 400 S3 | E6/C-0 | 1 | 565140 | |
| | 742 | PLA101 400 S12 | | 1 | 564940 | |
| 500 | 802 | PLA101 500 S3 | E6/C-0 | 1 | 565150 | |
| | 842 | PLA101 500 S12 | | 1 | 564950 | |
| 600 | 902 | PLA101 600 S3 | E6/C-0 | 1 | 565160 | |
| | 942 | PLA101 600 S12 | | 1 | 564960 | |
| 750 | 1052 | PLA101 750 S3 | E6/C-0 | 1 | 565175 | |
| | 1092 | PLA101 750 S12 | | 1 | 564975 | |
| 1000 | 1302 | PLA101 1000 S3 | E6/C-0 | 1 | 565200 | |
| | 1342 | PLA101 1000 S12 | | 1 | 565000 | |

| OPTIONS | | | | | | |
|---|--|--|--|----------|-----------|--|
| Special model | | | | PU/pcs. | Part.-No. | |
| Front Fixing | | | | | | |
| Spindle tube end with interior thread M8 | | | | 1 | 515061 | |
| Spindle tube end with interior thread M10 | | | | 1 | 515060 | |
| Drive housing painted/powder coated in other RAL colours | | | | | | |
| Lump sum for coating | | | | | 516030 | |
| Specify at order stage: | | | | 1 – 20 | 516004 | |
| | | | | 21 – 50 | 516004 | |
| | | | | 51 – 100 | 516004 | |
| | | | | up 101 | 516004 | |
| Extra length connecting cable: | | | | | | |
| 5 m – non-halogen, grey – 3 x 1,0 mm ² | | | | | 501037 | |
| 10 m – non-halogen, grey – 3 x 1,0 mm ² | | | | | 501039 | |
| Mechanic stroke reduction S3 | | | | | | |
| Stroke reduction without construction length - mechanically | | | | 1 | 516000 | |
| Accessories for front / rear suspension | | | | | | |
| B16ST Eyebolt Ø8 mm, galvanized | | | | 1 | 100044 | |
| B16VA Eyebold Ø8 mm, stainless steel | | | | 1 | 100144 | |
| B27ST Clevis M8x16 mm, galvanized, thread M8x45 mm | | | | 1 | 105510 | |
| B28ST Clevis M10x20 mm, galvanized, thread M10x50 mm | | | | 1 | 105520 | |
| Microprocessor programming S3 | | | | | | |
| Motion monitored run / sequence control | | | | 1 | 524181 | |
| Microprocessor programming S12 | | | | | | |
| Electronic stroke reduction 24V S12 | | | | 1 | 524190 | |
| Programming drives 24V / 230V S12 | | | | 1 | 524180 | |
| Other lengths available on request | | | | | | |
| Optional accessories | | | | PU/pcs. | Part.-No. | |
| M-COM Configuration module for synchronised multi-drive systems | | | | 1 | 524177 | |