# Cylinders - aluminium profile ISO 15552 (ex DIN/ISO 6431 / VDMA 24562) - Series 61

Product code: 61M2P063A0180

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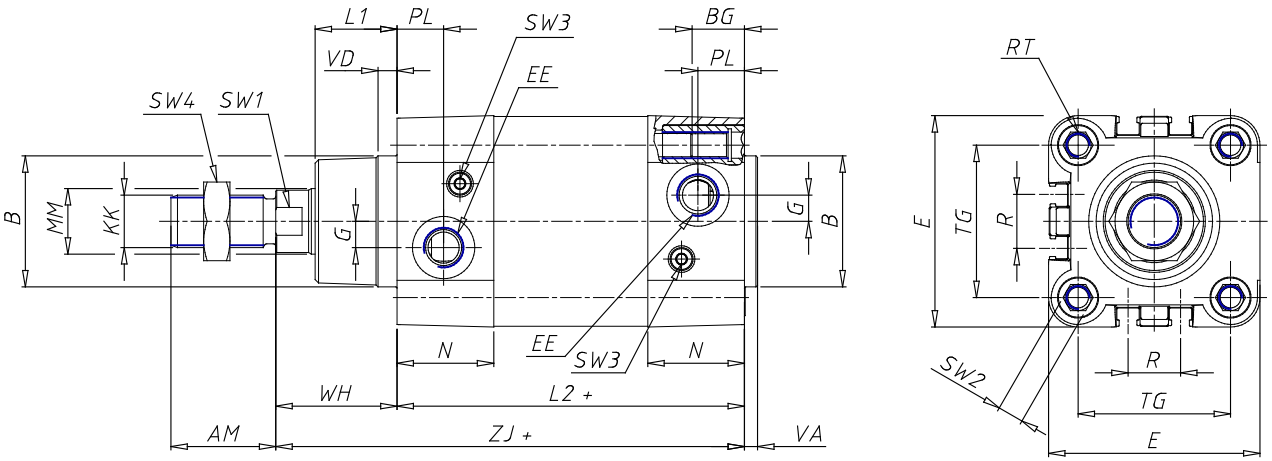
## TECHNICAL DATA

| | |
|---|---|
| **Series** | 61 |
| **Diameter (mm)** | 63 |
| **Version** | M = magnetic standard |
| **Operation** | 2=double acting (front and rear cushioning) |
| **Materials** | P = standard: AL end-blocks and piston, rolled stainless steel AISI 420B rod, anodized AL profile tube, zinc-plated steel tie-rods and tie-rod nuts, PU seals |
| **Construction** | A = standard with lock nut for rod |
| **Stroke type** | = standard |
| **Stroke (mm)** | 180 |
| **Seal options** | = standard |
| **Rod length (mm)** | 0 |
| **(mm)** | 0 |
| **Protection options** | = standard |
| **Certifications** | = standard |

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## DIMENSIONS

| | |
|---|---|
| **MM (mm)** | 20 |
| **KK** | M16x1,5 |
| **B d11 (mm)** | 45 |
| **PL (mm)** | 21 |
| **L1 (mm)** | 26 |
| **L11 (mm)** | 26 |
| **L12 (mm)** | 82 |
| **AM (mm)** | 32 |
| **VA (mm)** | 4 |
| **VAX (mm)** | 4 |
| **EE** | G3/8 |
| **WH (mm)** | 37 |
| **L2 (mm)** | 121.0 |
| **ZM (mm)** | - |
| **ZJ (mm)** | 158 |
| **ZMX (mm)** | 195 |
| **ZJX (mm)** | 158 |
| **VD (mm)** | 6 |
| **N (mm)** | 36.5 |
| **BG (mm)** | 16.0 |
| **RT** | M8 |
| **TG (mm)** | 56.5 |
| **G (mm)** | 8.0 |

| | |
|---|---|
| **R (mm)** | 28.0 |
| **E (mm)** | 75.0 |
| **SW1 (mm)** | 17 |
| **SW2 (mm)** | 8 |
| **SW3 (mm)** | 3 |
| **SW4 (mm)** | 24 |
| **Cushion stroke front spring** | 17 |
| **Cushion stroke rear spring** | 16 |
| **L3 (mm)** | 230.0 |
| **L4 (mm)** | 15 |
| **L5 (mm)** | 16 |
| **L6 (mm)** | 29.5 |
| **L7 (mm)** | 49.5 |
| **L8 (mm)** | 70 |
| **L9 (mm)** | 121.0 |
| **ø D (mm)** | 20 |
| **ø D1 d11 (mm)** | 45.0 |
| **ø D2 (mm)** | 60 |
| **ø D3 f6 (mm)** | 38 |
| **± 0.15 (mm)** | 56.5 |
| **GX** | G1/8 |
| **H (mm)** | 40.0 |
| **H1 (mm)** | 75.0 |

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