

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

Product code: 61M3P080A0450V

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### TECHNICAL DATA

|                                      |   |
|--------------------------------------|---|
| <b>SERIE (Series / mm)</b>           | 61  |
| <b>PHY (Diameter / mm)</b>           | 80  |
| <b>VERSION (Version)</b>             | M = magnetic standard   |
| <b>FUNZ (Operation)</b>              | 3=double acting (no cushion)  |
| <b>MAT (Materials)</b>               | 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 |
| <b>TYP (Construction)</b>            | A = standard with lock nut for rod  |
| <b>HUBT (Stroke type)</b>            | variable  |
| <b>HUB (Stroke / mm)</b>             | 450   |
| <b>ES (execution)</b>                | V = FKM rod seal  |
| <b>LSTELO (extended piston / mm)</b> | 0   |

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### DIMENSIONS

|                |         |
|----------------|---------|
| MM (MM / mm)   | 25      |
| KK (KK)        | M20x1,5 |
| B (B d11 / mm) | 45      |
| PL (PL / mm)   | 21      |
| L1 (L1 / mm)   | 30      |
| AM (AM / mm)   | 40      |
| VA (VA / mm)   | 4       |
| EE (EE)        | G3/8    |
| WH (WH / mm)   | 46      |
| L2 (L2 / mm)   | 128.0   |
| ZM (ZM / mm)   | -       |
| ZJ (ZJ / mm)   | 174     |
| VD (VD / mm)   | 7       |
| N (N / mm)     | 36.0    |
| BG (BG / mm)   | 19.0    |
| RT (RT)        | M10     |
| G (G / mm)     | 8.0     |
| TG (TG / mm)   | 72.0    |
| R (R / mm)     | 30.0    |
| E (E / mm)     | 93.0    |
| SW1 (SW1 / mm) | 22      |
| SW2 (SW2 / mm) | 10      |
| SW3 (SW3 / mm) | 5       |

|                                    |          |
|------------------------------------|----------|
| SW4 (SW4 / mm)                     | 30       |
| HUBA (Cushion stroke front spring) | 20       |
| HUBP (Cushion stroke rear spring)  | 20       |
| L3 (L3 / mm)                       | 271.5    |
| L4 (L4 / mm)                       | 18       |
| L5 (L5 / mm)                       | 20       |
| L6 (L6 / mm)                       | 35.0     |
| L7 (L7 / mm)                       | 61.0     |
| L8 (L8 / mm)                       | 90       |
| L9 (L9 / mm)                       | 128.0    |
| L10 ( / mm)                        | 254.0    |
| D (ø D / mm)                       | 25       |
| D1 (ø D1 d11 / mm)                 | 45.0     |
| D2 (ø D2 / mm)                     | 80       |
| D3 (ø D3 f6 / mm)                  | 48       |
| A (± 0.15 / mm)                    | 72.0     |
| GX (GX)                            | G1/8     |
| H (H / mm)                         | 50.0     |
| H1 (H1 / mm)                       | 95.0     |
| M (M)                              | M10      |
| Z (Z)                              | M10 x 35 |