# PNEUMATICKÉ VÁLCE G449

Série G449

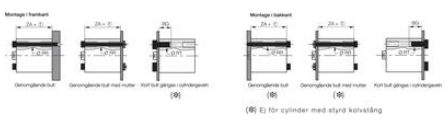
G449A5SK0400A00
Pneumatický válec G449 Ø50 400 mm,dvojcinný

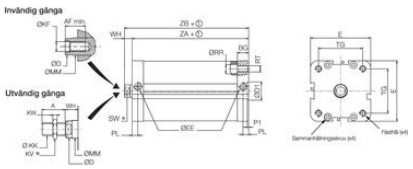

- ISO 21287
- Ø20mm až 100mm
- Zdvih 5mm až 400mm
- Jedno nebo dvojčinné

**POPIS PRODUKTU**

## SPECIFIKACE

| | |
|---|---|
| **Druh montáže** | Nezávislý |
| **Funkce 1** | Dvoučinný, Nepřerušeno |
| **Materiál čela** | Hliník |
| **Materiál těla** | Eloxovaný hliník |
| **Max. dovolený tlak** | 10 bar |
| **Pístnice** | Pochromovaná kalená ocel |
| **Pracovní tlak dvoučinný max.** | 10 bar |
| **Pracovní tlak dvoučinný min.** | 0 bar |
| **Připojení pro pilotní vzduch** | G1/8 |
| **Provozní teplota max.** | 70 °C |
| **Provozní teplota min.** | -20 °C |
| **Průměr pístu** | 50 mm |
| **Těsnění pístnice** | PUR |
| **Těsnění pistu** | PUR |
| **Vnitřní díly** | Hliník, POM |
| **Zdvih** | 400 mm |



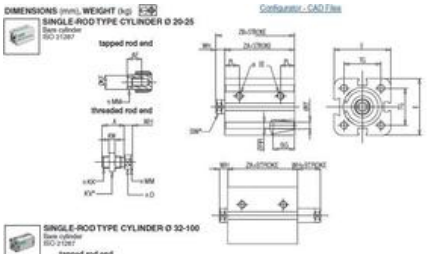



**DIMENSIONS** (mm), **WEIGHT** (kg)

Configurator - CAD Files

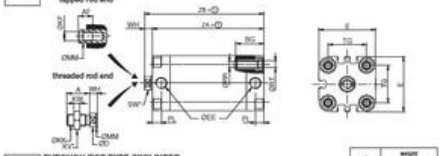
**SINGLE-ROD TYPE CYLINDER Ø 20-25**

Bare cylinder
ISO 21287



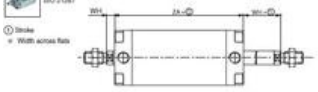

**SINGLE-ROD TYPE CYLINDER Ø 32-100**

Bare cylinder
ISO 21287




**THROUGH-ROD TYPE CYCLINDER**

Bare cylinder
ISO 21287



① Stroke
= Width across flats

| Ø | weight | |
|---|---|---|
| | (①) | (②) |
| 20 | 0,125 | 0,0026 |
| 25 | 0,10 | 0,003 |
| 32 | 0,226 | 0,0029 |
| 40 | 0,282 | 0,0033 |
| 50 | 0,421 | 0,0048 |
| 63 | 0,553 | 0,0052 |
| 80 | 0,991 | 0,0078 |
| 100 | 1,818 | 0,0095 |

(2) Cylinder weight at 0 mm stroke
(3) Weight to be added per add-tional mm length

| Ø | A | AF | BG | ØD | E | EE | ØKF | ØKK | KV | KW | ØMM | PL | ØRR | ØRT | SW | TG | WH | ZA | ZB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 16 | 10 | 13 | 6,9 | 36 | M5 | M6 | M6x1,25 | 13 | 4 | 10 | 10 | 4,3 | M5 | 8 | 32 | 6 | 37 | 43 |
| 25 | 16 | 10 | 13 | 6,9 | 40 | M5 | M6 | M6x1,25 | 13 | 4 | 10 | 10 | 4,3 | M5 | 8 | 26 | 6 | 39 | 45 |
| 32 | 19 | 12 | 23,5 | 11,8 | 46 | G 1/8 | M6 | M10x1,25 | 16 | 5 | 12 | 7,5 | 5,1 | M6 | 10 | 32,5 | 7 | 44 | 51 |
| 40 | 19 | 12 | 23,5 | 11,8 | 54 | G 1/8 | M8 | M10x1,25 | 16 | 5 | 12 | 7,5 | 5,1 | M6 | 10 | 38 | 7 | 45 | 52 |
| 50 | 22 | 16 | 24 | 15,8 | 66 | G 1/8 | M10 | M12x1,25 | 16 | 6 | 16 | 7,5 | 6,7 | M8 | 13 | 46,5 | 8 | 45 | 53 |
| 63 | 22 | 16 | 24 | 15,8 | 79 | G 1/8 | M10 | M12x1,25 | 16 | 6 | 16 | 7,5 | 6,7 | M8 | 13 | 56,5 | 8 | 49 | 57 |
| 80 | 28 | 20 | 36,5 | 19,8 | 96 | G 1/8 | M12 | M16x1,50 | 24 | 8 | 20 | 8,5 | 8,4 | M10 | 16 | 70 | 10 | 54 | 64 |
| 100 | 28 | 20 | 36,5 | 24,8 | 115 | G 1/8 | M12 | M16x1,50 | 24 | 8 | 25 | 10 | 8,4 | M10 | 21 | 89 | 10 | 67 | 77 |

**DIMENSIONS** (mm), **WEIGHT** (kg)

Configurator - CAD Files

**SINGLE-ROD TYPE CYLINDER Ø 20-25**

Bare cylinder
ISO 21287

**SINGLE-ROD TYPE CYLINDER Ø 32-100**

Bare cylinder
ISO 21287

**THROUGH-ROD TYPE CYCLINDER**

Bare cylinder
ISO 21287

① Stroke
= Width across flats

| Ø | weight | |
|---|---|---|
| | (①) | (②) |
| 20 | 0,125 | 0,0026 |
| 25 | 0,10 | 0,003 |
| 32 | 0,226 | 0,0029 |
| 40 | 0,282 | 0,0033 |
| 50 | 0,421 | 0,0048 |
| 63 | 0,553 | 0,0052 |
| 80 | 0,991 | 0,0078 |
| 100 | 1,818 | 0,0095 |

(2) Cylinder weight at 0 mm stroke
(3) Weight to be added per add-tional mm length

| Ø | A | AF | BG | ØD | E | EE | ØKF | ØKK | KV | KW | ØMM | PL | ØRR | ØRT | SW | TG | WH | ZA | ZB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 16 | 10 | 13 | 6,9 | 36 | M5 | M6 | M6x1,25 | 13 | 4 | 10 | 10 | 4,3 | M5 | 8 | 32 | 6 | 37 | 43 |
| 25 | 16 | 10 | 13 | 6,9 | 40 | M5 | M6 | M6x1,25 | 13 | 4 | 10 | 10 | 4,3 | M5 | 8 | 26 | 6 | 39 | 45 |
| 32 | 19 | 12 | 23,5 | 11,8 | 46 | G 1/8 | M6 | M10x1,25 | 16 | 5 | 12 | 7,5 | 5,1 | M6 | 10 | 32,5 | 7 | 44 | 51 |
| 40 | 19 | 12 | 23,5 | 11,8 | 54 | G 1/8 | M8 | M10x1,25 | 16 | 5 | 12 | 7,5 | 5,1 | M6 | 10 | 38 | 7 | 45 | 52 |
| 50 | 22 | 16 | 24 | 15,8 | 66 | G 1/8 | M10 | M12x1,25 | 16 | 6 | 16 | 7,5 | 6,7 | M8 | 13 | 46,5 | 8 | 45 | 53 |
| 63 | 22 | 16 | 24 | 15,8 | 79 | G 1/8 | M10 | M12x1,25 | 16 | 6 | 16 | 7,5 | 6,7 | M8 | 13 | 56,5 | 8 | 49 | 57 |
| 80 | 28 | 20 | 36,5 | 19,8 | 96 | G 1/8 | M12 | M16x1,50 | 24 | 8 | 20 | 8,5 | 8,4 | M10 | 16 | 70 | 10 | 54 | 64 |
| 100 | 28 | 20 | 36,5 | 24,8 | 115 | G 1/8 | M12 | M16x1,50 | 24 | 8 | 25 | 10 | 8,4 | M10 | 21 | 89 | 10 | 67 | 77 |