

FEATURES

- Triple rod cylinder
- Heavy duty
- Guided cylinder with slide bearing
- Strong resistance to side load forces
- A number of mounting points for convenient installation

RS PRO Triple Rod Guided Cylinder

RS Stock No.: 2351249



Product Description

| Part No. | Bore | Stroke |
|----------|-------|--------|
| 2351249 | 12 mm | 20 mm |

Features

- Triple rod cylinder
- Heavy duty
- Guided cylinder with slide bearing
- Strong resistance to side load forces
- A number of mounting points for convenient installation

General Specifications

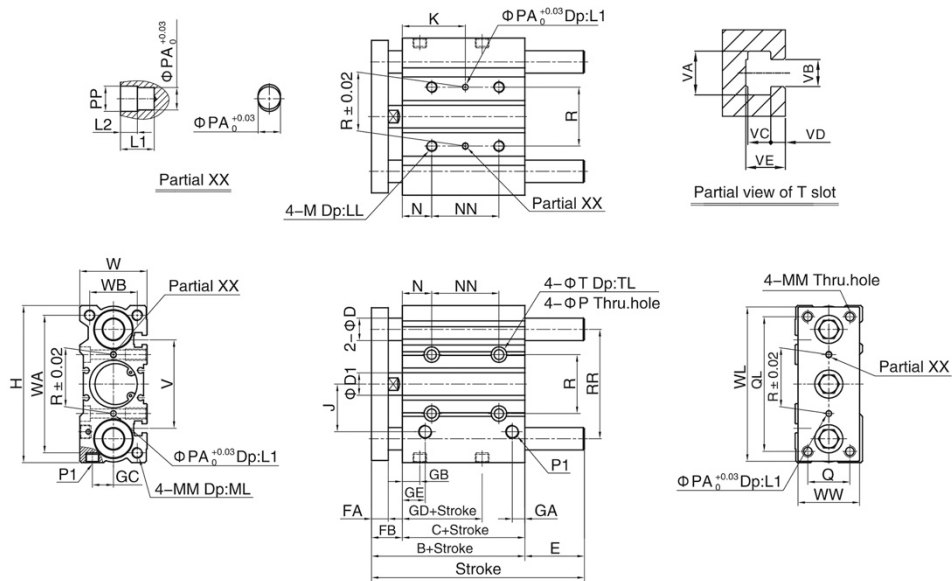
| | |
|------------------------------|-------------------------------------|
| Cylinder type | Double acting, magnetic positioning |
| Max. working pressure | 10 bar |
| Operating temperature | -20°C to +80°C (dry air) |
| Bore size | Ø 12 mm |
| Stroke length | 20 mm |
| Cushion type | Rubber cushioned |

Similar Products

| Part No. | Bore | Stroke |
|----------|-------|--------|
| 2351248 | 12 mm | 10 mm |
| 2351250 | 12 mm | 50 mm |
| 2351251 | 12 mm | 75 mm |
| 2351252 | 16 mm | 20 mm |
| 2351253 | 16 mm | 30 mm |
| 2351254 | 16 mm | 50 mm |
| 2351255 | 16 mm | 75 mm |
| 2351258 | 20 mm | 20 mm |
| 2351259 | 20 mm | 50 mm |
| 2351256 | 20 mm | 100 mm |
| 2351257 | 20 mm | 200 mm |
| 2351260 | 25 mm | 50 mm |
| 2351261 | 32 mm | 25 mm |
| 2351262 | 32 mm | 50 mm |
| 2351263 | 50 mm | 50 mm |

Technical Drawings

◎ Main Dimension



(mm)

| Bore\Sign | E(SGL) | | | | E(SGM) | | | | NN | | | | K | | | | | | | | |
|-----------|--------|--------|---------|------|--------|--------|---------|------|------|--------|---------|---------|-----|--------|---------|------|------|-----|---------|-----|------|
| | ≤30 | 31-100 | 101-200 | >200 | ≤50 | 51-100 | 101-200 | >200 | ≤30 | 31-100 | 101-200 | >200 | ≤30 | 31-100 | 101-200 | >200 | | | | | |
| 12 | 0 | 13 | 43 | - | 0 | 13 | 43 | - | 20 | 40 | 110 | - | 15 | 25 | 60 | - | | | | | |
| 16 | 0 | 19 | 49 | - | 0 | 19 | 49 | - | 24 | 44 | 110 | - | 17 | 27 | 60 | - | | | | | |
| 20 | 0 | 27 | 51 | 69 | 0 | 27 | 51 | 69 | 24 | 44 | 120 | 200 | 29 | 39 | 77 | 117 | | | | | |
| 25 | 0 | 28.5 | 51 | 68.5 | 0 | 28.5 | 51 | 68.5 | 24 | 44 | 120 | 200 | 29 | 39 | 77 | 117 | | | | | |
| Bore\Sign | ≤50 | 51-100 | 101-200 | >200 | ≤50 | 51-100 | 101-200 | >200 | ≤40 | 41-100 | 101-200 | >200 | ≤40 | 41-100 | 101-200 | >200 | | | | | |
| 32 | 5.5 | 42.5 | 58.5 | 80.5 | 5.5 | 42.5 | 58.5 | 80.5 | 24 | 48 | 124 | 200 | 33 | 45 | 83 | 121 | | | | | |
| 40 | 0 | 36 | 52 | 74 | 0 | 36 | 52 | 74 | 24 | 48 | 124 | 200 | 34 | 46 | 84 | 122 | | | | | |
| 50 | 4 | 46 | 62 | 89 | 4 | 46 | 62 | 89 | 24 | 48 | 124 | 200 | 36 | 48 | 86 | 124 | | | | | |
| 63 | 0 | 41 | 57 | 84 | 0 | 41 | 57 | 84 | 28 | 52 | 128 | 200 | 38 | 50 | 88 | 124 | | | | | |
| Bore\Sign | B | C | FA | FB | P1 | GA | GB | GC | GD | GE | R | RR | N | P | PA | PP | T | TL | M | LL | D1 |
| 12 | 42 | 29 | 8 | 13 | M5X0.8 | 7.5 | 11 | 8 | 13 | 11 | 23 | 41 | 5 | 4.2 | 3 | 3.5 | 8 | 4.5 | M5X0.8 | 10 | 6 |
| 16 | 46 | 33 | 8 | 13 | M5X0.8 | 8 | 11 | 10 | 15 | 11 | 24 | 46 | 5 | 4.2 | 3 | 3.5 | 8 | 4.5 | M5X0.8 | 10 | 8 |
| 20 | 53 | 37 | 10 | 16 | 1/8" | 9 | 10.5 | 10.5 | 12.5 | 10.5 | 28 | 54 | 17 | 5.2 | 3 | 3.5 | 9.5 | 5.5 | M6X1.0 | 12 | 10 |
| 25 | 53.5 | 37.5 | 10 | 16 | 1/8" | 9 | 11.5 | 13.5 | 12.5 | 11.5 | 34 | 64 | 17 | 5.2 | 4 | 4.5 | 9.5 | 5.5 | M6X1.0 | 12 | 12 |
| 32 | 59.5 | 37.5 | 12 | 22 | 1/8" | 9 | 12.5 | 15 | 7 | 12.5 | 42 | 78 | 21 | 6.9 | 4 | 4.5 | 11 | 7.5 | M8X1.25 | 16 | 16 |
| 40 | 66 | 44 | 12 | 22 | 1/8" | 10 | 14 | 18 | 13 | 14 | 50 | 86 | 22 | 6.9 | 4 | 4.5 | 11 | 7.5 | M8X1.25 | 16 | 16 |
| 50 | 72 | 44 | 16 | 28 | 1/4" | 11 | 12 | 21.5 | 9 | 14 | 66 | 110 | 24 | 8.7 | 5 | 6 | 14 | 9 | M10X1.5 | 20 | 20 |
| 63 | 77 | 49 | 16 | 28 | 1/4" | 13.5 | 16.5 | 28 | 14 | 16.5 | 80 | 124 | 24 | 8.7 | 5 | 6 | 14 | 9 | M10X1.5 | 20 | 20 |
| Bore\Sign | D(SGL) | D(SGM) | J | W | WA | WB | WL | WW | H | Q | QL | MM | ML | L1 | L2 | V | VA | VB | VC | VD | VE |
| 12 | 6 | 8 | 18 | 26 | 50 | 18 | 56 | 22 | 58 | 14 | 48 | M4X0.7 | 10 | 6 | 3 | 37 | 7.4 | 4.4 | 3.7 | 2 | 6.2 |
| 16 | 8 | 10 | 19 | 30 | 56 | 22 | 62 | 25 | 64 | 16 | 54 | M5X0.8 | 12 | 6 | 3 | 38 | 7.4 | 4.4 | 3.7 | 2.5 | 6.7 |
| 20 | 10 | 12 | 25 | 36 | 72 | 24 | 81 | 30 | 83 | 18 | 70 | M5X0.8 | 13 | 6 | 3 | 44 | 8.4 | 5.4 | 4.5 | 2.8 | 7.8 |
| 25 | 12 | 16 | 28.5 | 42 | 82 | 30 | 91 | 38 | 93 | 26 | 78 | M6X1.0 | 15 | 6 | 3 | 50 | 8.4 | 5.4 | 4.5 | 3 | 8.2 |
| 32 | 16 | 20 | 34 | 48 | 98 | 34 | 110 | 44 | 112 | 30 | 96 | M8X1.25 | 20 | 6 | 3 | 63 | 10.5 | 6.5 | 5.5 | 3.5 | 9.5 |
| 40 | 16 | 20 | 38 | 54 | 106 | 40 | 118 | 44 | 120 | 30 | 104 | M8X1.25 | 20 | 6 | 3 | 72 | 10.5 | 6.5 | 5.5 | 4 | 11 |
| 50 | 20 | 25 | 47 | 64 | 130 | 46 | 146 | 60 | 148 | 40 | 130 | M10X1.5 | 22 | 8 | 4 | 92 | 13.5 | 8.5 | 7.5 | 4.5 | 13.5 |
| 63 | 20 | 25 | 55 | 78 | 142 | 58 | 158 | 70 | 162 | 50 | 130 | M10X1.5 | 22 | 8 | 4 | 110 | 17.8 | 11 | 10 | 7 | 18.5 |