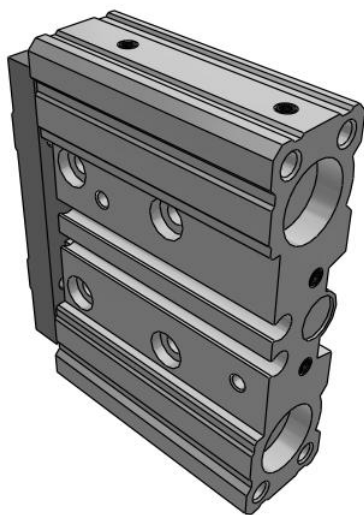


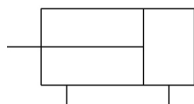


## JMGP, Dual Rod Cylinder JMGP16-20

### Datasheet

### General series information

- Dual rod cylinder with slide bearing.
- Compact and Lightweight.
- Bore sizes (mm): 12 ~ 100.
- Strokes up to 200 mm.
- Bumper cushion.
- Piping is possible in 4 directions.
- 3 mounting options.

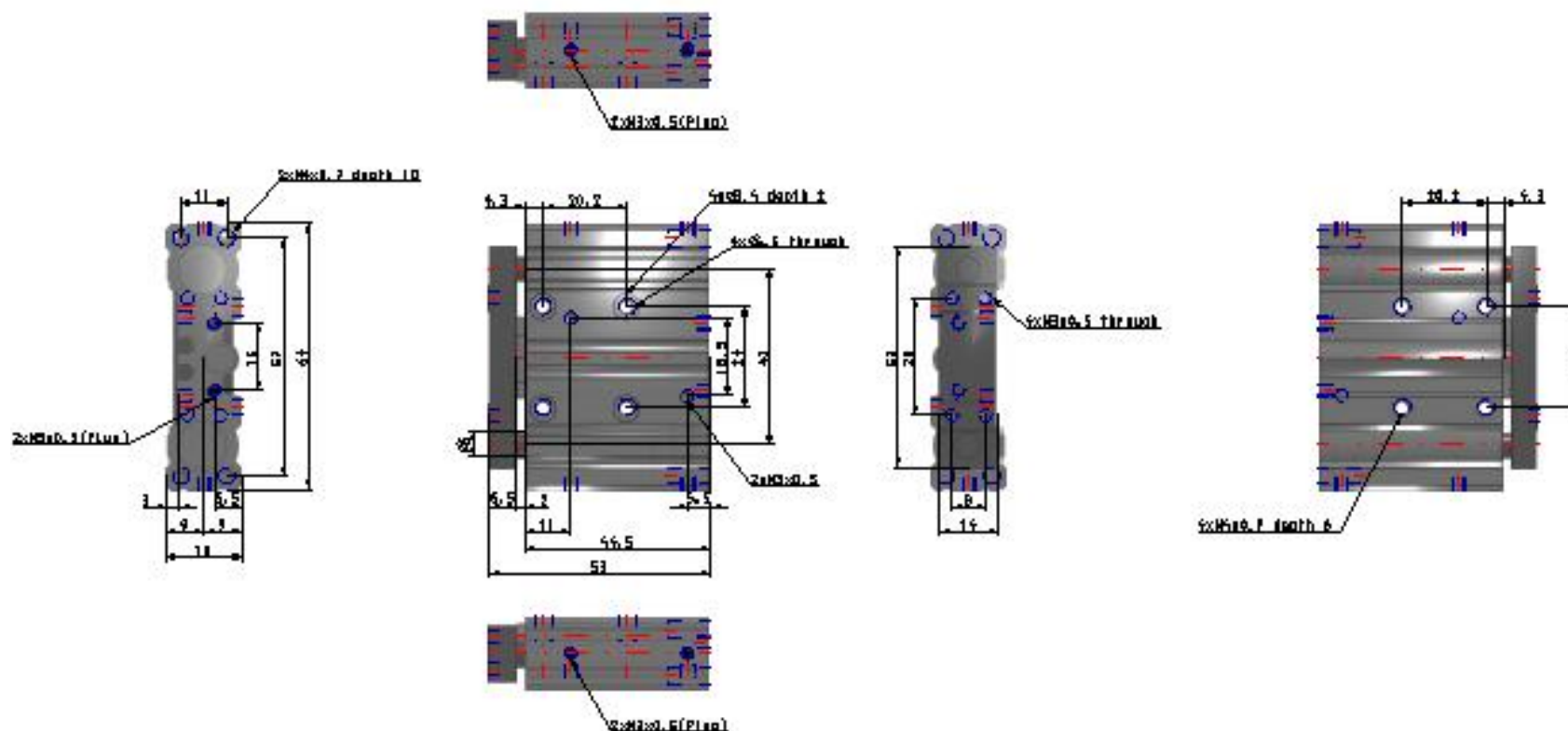


Double-acting, single-rod cylinder

### Standard specifications

|                                        |                                                                |
|----------------------------------------|----------------------------------------------------------------|
| Bore Size                              | 16 (12 mm x 2)                                                 |
| Port Thread Type                       | M thread: $\varnothing 12$ to $\varnothing 32$ , Rc: 40 to 100 |
| Stroke                                 | 20 mm                                                          |
| Auto Switch                            | No Switch                                                      |
| Lead Wire or Prewired Connector        | 0.5m (Or None in the Case of No Switch)                        |
| Number                                 | 2 pcs. (Or None in the Case of No Switch)                      |
| Pressure medium                        | Air                                                            |
| Maximum temperature of pressure medium | 60 °C                                                          |
| Minimum temperature of pressure medium | 5 °C                                                           |
| Maximum operating pressure             | 0.7 MPa                                                        |
| Minimum operating pressure             | 0.15 MPa                                                       |
| Proof pressure                         | 1.05 MPa                                                       |
| Maximum ambient temperature            | 60 °C                                                          |
| Minimum ambient temperature            | 5 °C                                                           |
| Number of pneumatic connections        | 8 pcs.                                                         |
| Pneumatic input connection             | M3 x 0.5                                                       |

|                                                         |                            |
|---------------------------------------------------------|----------------------------|
| Mode of operation of drive                              | Double acting              |
| Theoretical cylinder force, advance stroke (at 0.5 MPa) | 113 N                      |
| Theoretical cylinder force, return stroke (at 0.5 MPa)  | 85 N                       |
| Maximum piston speed                                    | 300 mm/s                   |
| Type of cushioning                                      | Rubber bumper on both ends |
| Minimum piston speed                                    | 50 mm/s                    |
| Non-rotating accuracy of plate                          | $\pm 0.07^\circ$           |
| Lubrication                                             | Not required (Non-lube)    |
| Allowable rotational torque                             | 0.11 N·m                   |
| Allowable lateral load                                  | 8.82 N                     |
| Weight                                                  | 0.130 Kg                   |



## Additional information

Catalogue

[JMGP-D\\_EU.pdf](#)