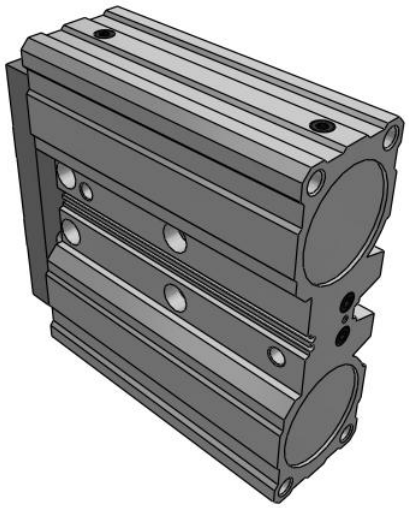
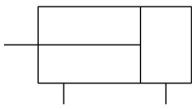


# JMGP, Dual Rod Cylinder
## JMGPM100TF-150

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 | 100 (71 mm x 2) |
| Port Thread | TF (G) |
| Stroke | 150 mm |
| Auto Switch | No Switch |
| Lead Wire or Pre-wired Connector | 0.5 m (Or None in the Case of No Switch) |
| Number | 2 pcs. (Or None in Case of No Switch) |
| Pressure medium | Air |
| Maximum temperature of pressure medium | 60 ºC |
| Minimum temperature of pressure medium | 5 ºC |
| Maximum operating pressure | 0.7 MPa |
| Minimum operating pressure | 0.15 MPa |
| Proof pressure | 1.05 MPa |
| Maximum ambient temperature | 60 ºC |
| Minimum ambient temperature | 5 ºC |
| Number of pneumatic connections | 8 pcs. |
| Pneumatic input connection | G 1/4 |

*Specifications are subject to change without prior notice and any obligation on the part of the manufacturer.*



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| | |
|---|---|
| Mode of operation of drive | Double acting |
| Theoretical cylinder force, advance stroke (at 0.5 MPa) | 3959 N |
| Theoretical cylinder force, return stroke (at 0.5 MPa) | 3252 N |
| Maximum piston speed | 250 mm/s |
| Type of cushioning | Rubber bumper on both ends |
| Minimum piston speed | 50 mm/s |
| Non-rotating accuracy of plate | ± 0.04 º |
| Lubrication | Not required (Non-lube) |
| Allowable rotational torque | 5.84 N·m |
| Allowable lateral load | 103.88 N |
| Weight | 9.050 Kg |

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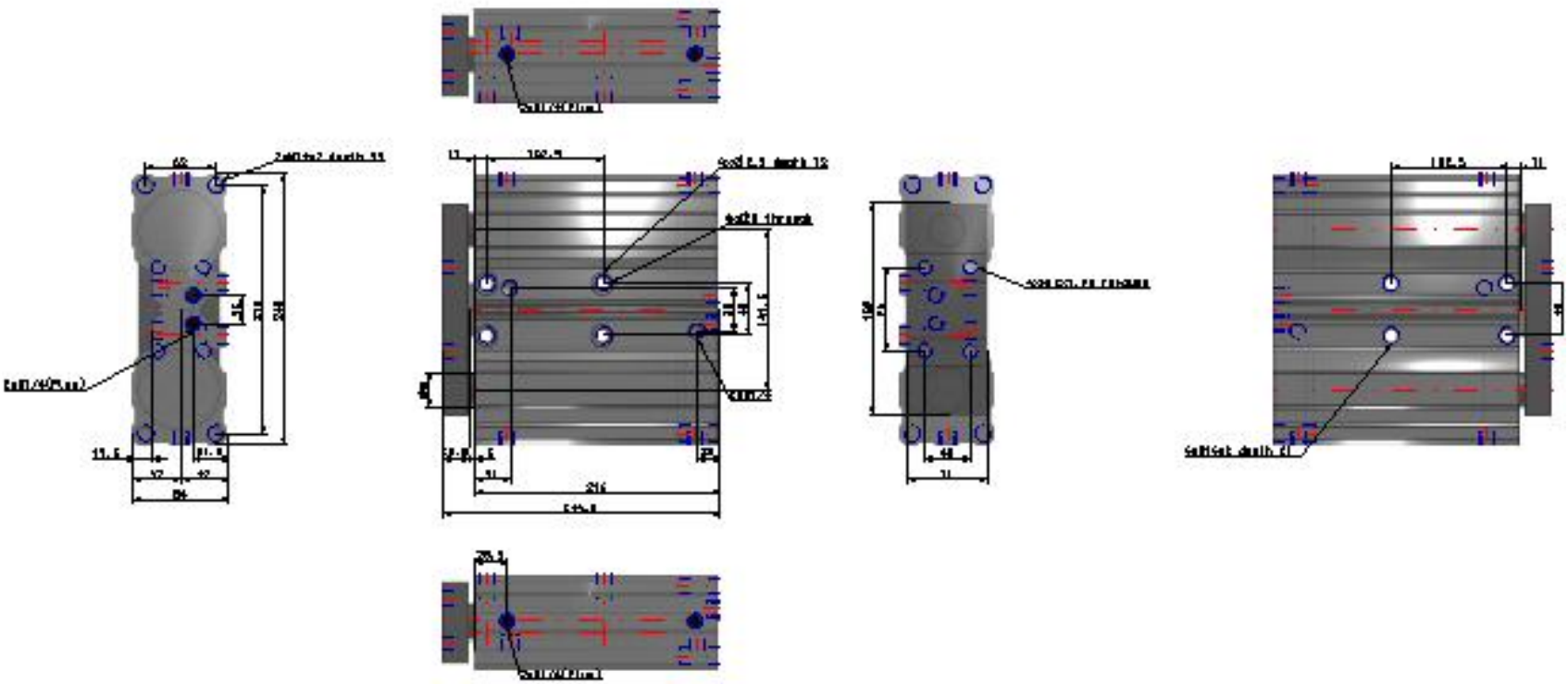
# Dimensions



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## Additional information

Catalogue JMGP-D_EU.pdf

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