

Compact cylinders - Series 31

Product code: 31M3A050A105

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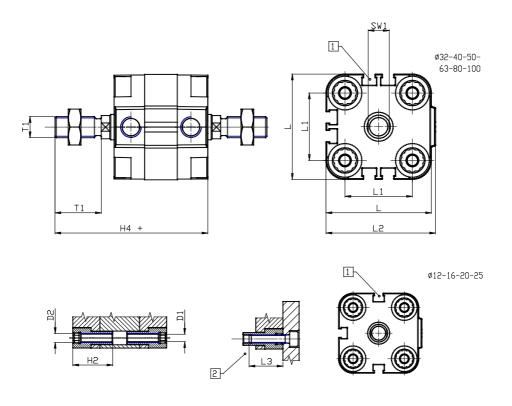
TECHNICAL DATA

| Series | 31 |
|--------------------|--|
| Version | M=male rod thread |
| Operation | 3=double-acting through rod |
| Diameter (mm) | 50 |
| Stroke type | variable |
| Stroke (mm) | 105 |
| Rod seals material | • |
| Materials | A = rolled stainless steel AISI 303 rod tube profile aluminium |
| Construction | A = standard |



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DIMENSIONS

| Ø D (mm) 16 Ø D1 (mm) 6.5 D2 M8 D3 M8 Ø D4 (mm) 6 D5 M6 Ø D8 (mm) 6 D9 (mm) 10 D10 (mm) 22 E1 G1\8 F (mm) 8.0 F1 (mm) 37.5 H (mm) 45.5 H1 (mm) 53.0 H2 (mm) 22.5 K1 M12x1,25 L (mm) 68 L1 (mm) 50 | | |
|---|-----------|----------|
| D2 M8 D3 M8 Ø D4 (mm) 6 D5 M6 Ø D8 (mm) 6 D9 (mm) 10 D10 (mm) 22 E1 G1\8 F (mm) 8.0 F1 (mm) 37.5 H (mm) 45.5 H1 (mm) 53.0 H2 (mm) 22.5 K1 M12x1,25 L (mm) 68 | Ø D (mm) | 16 |
| D3 | Ø D1 (mm) | 6.5 |
| Ø D4 (mm) 6 D5 M6 Ø D8 (mm) 6 D9 (mm) 10 D10 (mm) 22 E1 G1\8 F (mm) 8.0 F1 (mm) 37.5 H (mm) 45.5 H1 (mm) 53.0 H2 (mm) 22.5 K1 M12x1,25 L (mm) 68 | D2 | M8 |
| D5 | D3 | M8 |
| Ø D8 (mm) 6 D9 (mm) 10 D10 (mm) 22 E1 G1\8 F (mm) 8.0 F1 (mm) 37.5 H (mm) 45.5 H1 (mm) 53.0 H2 (mm) 22.5 K1 M12x1,25 L (mm) 68 | Ø D4 (mm) | 6 |
| D9 (mm) 10 D10 (mm) 22 E1 G1\8 F (mm) 8.0 F1 (mm) 37.5 H (mm) 45.5 H1 (mm) 53.0 H2 (mm) 22.5 K1 M12x1,25 L (mm) 68 | D5 | M6 |
| D10 (mm) 22 E1 G1\8 F (mm) 8.0 F1 (mm) 37.5 H (mm) 45.5 H1 (mm) 53.0 H2 (mm) 22.5 K1 M12x1,25 L (mm) 68 | Ø D8 (mm) | 6 |
| E1 G1\8 F (mm) 8.0 F1 (mm) 37.5 H (mm) 45.5 H1 (mm) 53.0 H2 (mm) 22.5 K1 M12x1,25 L (mm) 68 | D9 (mm) | 10 |
| F (mm) 8.0 F1 (mm) 37.5 H (mm) 45.5 H1 (mm) 53.0 H2 (mm) 22.5 K1 M12x1,25 L (mm) 68 | D10 (mm) | 22 |
| F1 (mm) 37.5 H (mm) 45.5 H1 (mm) 53.0 H2 (mm) 22.5 K1 M12x1,25 L (mm) 68 | E1 | G1\8 |
| H (mm) 45.5 H1 (mm) 53.0 H2 (mm) 22.5 K1 M12x1,25 L (mm) 68 | F (mm) | 8.0 |
| H1 (mm) 53.0 H2 (mm) 22.5 K1 M12x1,25 L (mm) 68 | F1 (mm) | 37.5 |
| H2 (mm) 22.5 K1 M12x1,25 L (mm) 68 | H (mm) | 45.5 |
| K1 M12x1,25 L (mm) 68 | H1 (mm) | 53.0 |
| L (mm) 68 | H2 (mm) | 22.5 |
| , | K1 | M12x1,25 |
| L1 (mm) 50 | L (mm) | 68 |
| | L1 (mm) | 50 |
| L2 (mm) 71.0 | L2 (mm) | 71.0 |
| L3 (mm) 20 | L3 (mm) | 20 |
| L4 (mm) 29.7 | L4 (mm) | 29.7 |
| T (mm) 12 | T (mm) | 12 |
| T1 (mm) 24 | T1 (mm) | 24 |

| T2 (mm) | 4 |
|----------|----|
| SW1 (mm) | 13 |