

Compact cylinders - Series 31

Product code: 31M3A025A110

Datasheet creation date: 07/03/2025 20:23

Check the most updated document online 3 click here









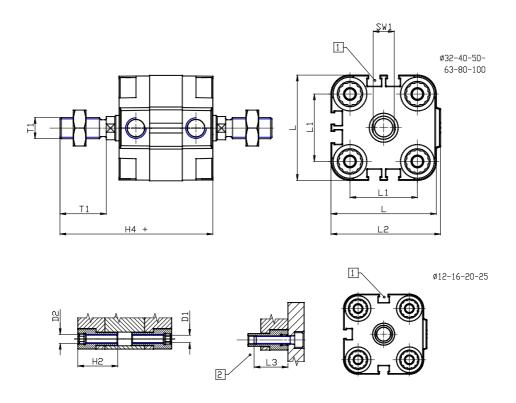
TECHNICAL DATA

Series	31
Version	M=male rod thread
Operation	3=double-acting through rod
Diameter (mm)	25
Stroke type	variable
Stroke (mm)	110
Rod seals material	•
Materials	A = rolled stainless steel AISI 303 rod tube profile aluminium
Construction	A = standard



Compact cylinders - Series 31

Product code: 31M3A025A110



DIMENSIONS

Ø D1 (mm) 4.5 D2 M5 D3 M5 Ø D4 (mm) 5 D5 M5 Ø D8 (mm) 6 D9 (mm) 6 D10 (mm) 14 E1 M5 F (mm) 8.0 F1 (mm) 31.5 H (mm) 39.5 H1 (mm) 45.0 H2 (mm) 18.5 K1 M10x1,25 L (mm) 40 L1 (mm) 26 L2 (mm) 41.5 L3 (mm) 18 L4 (mm) 15.6 T (mm) 10 T1 (mm) 22		
D2 M5 D3 M5 Ø D4 (mm) 5 D5 M5 Ø D8 (mm) 6 D9 (mm) 14 E1 M5 F (mm) 8.0 F1 (mm) 31.5 H (mm) 39.5 H1 (mm) 45.0 H2 (mm) 18.5 K1 M10x1,25 L (mm) 40 L1 (mm) 26 L2 (mm) 41.5 L3 (mm) 18 L4 (mm) 15.6 T (mm) 10	Ø D (mm)	10
D3 M5 Ø D4 (mm) 5 D5 M5 Ø D8 (mm) 6 D9 (mm) 14 E1 M5 F (mm) 8.0 F1 (mm) 31.5 H (mm) 39.5 H1 (mm) 45.0 H2 (mm) 18.5 K1 M10x1,25 L (mm) 40 L1 (mm) 26 L2 (mm) 41.5 L3 (mm) 18 L4 (mm) 15.6 T (mm) 10	Ø D1 (mm)	4.5
Ø D4 (mm) 5 D5 M5 Ø D8 (mm) 6 D9 (mm) 6 D10 (mm) 14 E1 M5 F (mm) 8.0 F1 (mm) 31.5 H (mm) 45.0 H2 (mm) 18.5 K1 M10x1,25 L (mm) 40 L1 (mm) 40 L1 (mm) 41.5 L3 (mm) 18 L4 (mm) 18.6 T (mm) 10	D2	M5
D5 M5 Ø D8 (mm) 6 D9 (mm) 6 D10 (mm) 14 E1 M5 F (mm) 8.0 F1 (mm) 31.5 H (mm) 45.0 H2 (mm) 18.5 K1 M10x1,25 L (mm) 40 L1 (mm) 26 L2 (mm) 41.5 L3 (mm) 18 L4 (mm) 15.6 T (mm) 10	D3	M5
Ø D8 (mm) 6 D9 (mm) 6 D10 (mm) 14 E1 M5 F (mm) 8.0 F1 (mm) 31.5 H (mm) 45.0 H2 (mm) 18.5 K1 M10x1,25 L (mm) 40 L1 (mm) 41.5 L3 (mm) 18 L4 (mm) 18 L4 (mm) 18.6 T (mm) 10	Ø D4 (mm)	5
D9 (mm) 6 D10 (mm) 14 E1 M5 F (mm) 8.0 F1 (mm) 31.5 H (mm) 39.5 H1 (mm) 45.0 H2 (mm) 18.5 K1 M10x1,25 L (mm) 40 L1 (mm) 26 L2 (mm) 41.5 L3 (mm) 18 L4 (mm) 15.6 T (mm) 10	D5	M5
D10 (mm) 14 E1 M5 F (mm) 8.0 F1 (mm) 31.5 H (mm) 39.5 H1 (mm) 45.0 H2 (mm) 18.5 K1 M10x1,25 L (mm) 40 L1 (mm) 26 L2 (mm) 41.5 L3 (mm) 18 L4 (mm) 15.6 T (mm) 10	Ø D8 (mm)	6
E1 M5 F (mm) 8.0 F1 (mm) 31.5 H (mm) 39.5 H1 (mm) 45.0 H2 (mm) 18.5 K1 M10x1,25 L (mm) 40 L1 (mm) 26 L2 (mm) 41.5 L3 (mm) 18 L4 (mm) 15.6 T (mm) 10	D9 (mm)	6
F (mm) 8.0 F1 (mm) 31.5 H (mm) 39.5 H1 (mm) 45.0 H2 (mm) 18.5 K1 M10x1,25 L (mm) 40 L1 (mm) 26 L2 (mm) 41.5 L3 (mm) 18 L4 (mm) 15.6 T (mm) 10	D10 (mm)	14
F1 (mm) 31.5 H (mm) 39.5 H1 (mm) 45.0 H2 (mm) 18.5 K1 M10x1,25 L (mm) 40 L1 (mm) 26 L2 (mm) 41.5 L3 (mm) 18 L4 (mm) 15.6 T (mm) 10	E1	M5
H (mm) 39.5 H1 (mm) 45.0 H2 (mm) 18.5 K1 M10x1,25 L (mm) 40 L1 (mm) 26 L2 (mm) 41.5 L3 (mm) 18 L4 (mm) 15.6 T (mm) 10	F (mm)	8.0
H1 (mm) 45.0 H2 (mm) 18.5 K1 M10x1,25 L (mm) 40 L1 (mm) 26 L2 (mm) 41.5 L3 (mm) 18 L4 (mm) 15.6 T (mm) 10	F1 (mm)	31.5
H2 (mm) 18.5 K1 M10x1,25 L (mm) 40 L1 (mm) 26 L2 (mm) 41.5 L3 (mm) 18 L4 (mm) 15.6 T (mm) 10	H (mm)	39.5
K1 M10x1,25 L (mm) 40 L1 (mm) 26 L2 (mm) 41.5 L3 (mm) 18 L4 (mm) 15.6 T (mm) 10	H1 (mm)	45.0
L (mm) 40 L1 (mm) 26 L2 (mm) 41.5 L3 (mm) 18 L4 (mm) 15.6 T (mm) 10	H2 (mm)	18.5
L1 (mm) 26 L2 (mm) 41.5 L3 (mm) 18 L4 (mm) 15.6 T (mm) 10	K1	M10x1,25
L2 (mm) 41.5 L3 (mm) 18 L4 (mm) 15.6 T (mm) 10	L (mm)	40
L3 (mm) 18 L4 (mm) 15.6 T (mm) 10	L1 (mm)	26
L4 (mm) 15.6 T (mm) 10	L2 (mm)	41.5
T (mm) 10	L3 (mm)	18
	L4 (mm)	15.6
T1 (mm) 22	T (mm)	10
	T1 (mm)	22

T2 (mm)	4
SW1 (mm)	8