

Compact cylinders - Series 31

Product code: 31F2A050A110

Datasheet creation date: 07/03/2025 20:00

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TECHNICAL DATA

Series	31
Version	F=female rod thread
Operation	2=double-acting
Diameter (mm)	50
Stroke type	variable
Stroke (mm)	110
Rod seals material	-
Materials	A = rolled stainless steel AISI 303 rod tube profile aluminium
Construction	A = standard



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DIMENSIONS

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 L2 (mm) 71.0 L3 (mm) 20 L4 (mm) 12		
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 H1 (mm) 45.5 H1 (mm) 53.0 H2 (mm) 22.5 K1 M12x1,25 L (mm) 68 L1 (mm) 50 L2 (mm) 71.0 L3 (mm) 20 L4 (mm) 12	Ø D (mm)	16
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 H1 (mm) 45.5 H1 (mm) 53.0 H2 (mm) 22.5 K1 M12x1,25 L (mm) 68 L1 (mm) 50 L2 (mm) 71.0 L3 (mm) 20 L4 (mm) 12	Ø D1 (mm)	6.5
Ø D4 (mm) 6 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 L2 (mm) 71.0 L3 (mm) 20.7 T (mm) 12	D2	M8
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 L2 (mm) 71.0 L3 (mm) 20 L4 (mm) 12	D3	M8
Ø D8 (mm) 6 Ø D8 (mm) 10 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 L2 (mm) 71.0 L3 (mm) 20 L4 (mm) 12	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 L1 (mm) 50 L2 (mm) 71.0 L3 (mm) 20 L4 (mm) 12	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 L1 (mm) 50 L2 (mm) 71.0 L3 (mm) 29.7 T (mm) 12	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 L1 (mm) 50 L2 (mm) 71.0 L3 (mm) 29.7 T (mm) 12	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 L1 (mm) 50 L2 (mm) 71.0 L3 (mm) 20 L4 (mm) 12	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 L1 (mm) 50 L2 (mm) 71.0 L3 (mm) 20 L4 (mm) 12	E1	G1\8
H (mm) 45.5 H1 (mm) 53.0 H2 (mm) 22.5 K1 M12x1,25 L (mm) 68 L1 (mm) 50 L2 (mm) 71.0 L3 (mm) 20 L4 (mm) 29.7 T (mm) 12	F (mm)	8.0
H1 (mm)53.0H2 (mm)22.5K1M12x1,25L (mm)68L1 (mm)50L2 (mm)71.0L3 (mm)20L4 (mm)29.7T (mm)12	F1 (mm)	37.5
H2 (mm) 22.5 K1 M12x1,25 L (mm) 68 L1 (mm) 50 L2 (mm) 71.0 L3 (mm) 20 L4 (mm) 29.7 T (mm) 12	H (mm)	45.5
K1 M12x1,25 L (mm) 68 L1 (mm) 50 L2 (mm) 71.0 L3 (mm) 20 L4 (mm) 29.7 T (mm) 12	H1 (mm)	53.0
L (mm) 68 L1 (mm) 50 L2 (mm) 71.0 L3 (mm) 20 L4 (mm) 29.7 T (mm) 12	H2 (mm)	22.5
L1 (mm) 50 L2 (mm) 71.0 L3 (mm) 20 L4 (mm) 29.7 T (mm) 12	К1	M12x1,25
L2 (mm) 71.0 L3 (mm) 20 L4 (mm) 29.7 T (mm) 12	L (mm)	68
L3 (mm) 20 L4 (mm) 29.7 T (mm) 12	L1 (mm)	50
L4 (mm) 29.7 T (mm) 12	L2 (mm)	71.0
T (mm) 12	L3 (mm)	20
	L4 (mm)	29.7
T1 (mm) 24	T (mm)	12
	T1 (mm)	24

T2 (mm)	4
SW1 (mm)	13