

Compact cylinders - Series 31

Product code: 31F1A050A020

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TECHNICAL DATA

Series	31
Version	F=female rod thread
Operation	1=single-acting front spring
Diameter (mm)	50
Stroke type	standard
Stroke (mm)	20
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