

Compact cylinders - Series 31

Product code: 31M2A032A105

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TECHNICAL DATA

Series	31
Version	M=male rod thread
Operation	2=double-acting
Diameter (mm)	32
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) 12 Ø D1 (mm) 5.5 D2 M6 D3 M6 Ø D4 (mm) 5 D5 M5 Ø D8 (mm) 6 D9 (mm) 6 D10 (mm) 17 E1 G1\8 F (mm) 8.0 F1 (mm) 36.5 H1 (mm) 50.5 H2 (mm) 21.5 K1 M10x1,25 L (mm) 50 L1 (mm) 32 L2 (mm) 20 L3 (mm) 20 L4 (mm) 19.8 T (mm) 12	· · · · · · · · · · · · · · · · · · ·	
D2 M6 D3 M6 Ø D4 (mm) 5 D5 M5 Ø D8 (mm) 6 D9 (mm) 6 D10 (mm) 17 E1 G1\8 F (mm) 8.0 F1 (mm) 36.5 H1 (mm) 50.5 H2 (mm) 21.5 K1 M10x1,25 L (mm) 32 L2 (mm) 20 L3 (mm) 20 L4 (mm) 19.8 T (mm) 12	Ø D (mm)	12
D3 M6 Ø D4 (mm) 5 Ø D4 (mm) 6 Ø D8 (mm) 6 D9 (mm) 6 D10 (mm) 17 E1 G1\8 F (mm) 8.0 F1 (mm) 36.5 H1 (mm) 50.5 H2 (mm) 21.5 K1 M10x1,25 L (mm) 52.0 L3 (mm) 20 L4 (mm) 19.8 T (mm) 12	Ø D1 (mm)	5.5
Ø D4 (mm) 5 Ø D5 M5 Ø D8 (mm) 6 D9 (mm) 6 D10 (mm) 17 E1 G1\8 F (mm) 8.0 F1 (mm) 36.5 H (mm) 44.5 H1 (mm) 50.5 H2 (mm) 21.5 K1 M10x1,25 L (mm) 50 L1 (mm) 32 L2 (mm) 20 L4 (mm) 19.8 T (mm) 12	D2	M6
D5 M5 Ø D8 (mm) 6 D9 (mm) 6 D10 (mm) 17 E1 G1\8 F (mm) 8.0 F1 (mm) 36.5 H (mm) 44.5 H1 (mm) 50.5 H2 (mm) 21.5 K1 M10x1,25 L (mm) 32 L2 (mm) 52.0 L3 (mm) 20 L4 (mm) 19.8 T (mm) 12	D3	M6
Ø D8 (mm) 6 Ø D8 (mm) 6 D9 (mm) 6 D10 (mm) 17 E1 G1\8 F (mm) 8.0 F1 (mm) 36.5 H (mm) 44.5 H1 (mm) 50.5 H2 (mm) 21.5 K1 M10x1,25 L (mm) 52.0 L3 (mm) 20 L4 (mm) 19.8 T (mm) 12	Ø D4 (mm)	5
D9 (mm) 6 D10 (mm) 17 E1 G1\8 F (mm) 8.0 F1 (mm) 36.5 H (mm) 44.5 H1 (mm) 50.5 H2 (mm) 21.5 K1 M10x1,25 L (mm) 32 L2 (mm) 52.0 L3 (mm) 20 L4 (mm) 19.8 T (mm) 12	D5	M5
D10 (mm) 17 E1 G1\8 F (mm) 8.0 F1 (mm) 36.5 H (mm) 44.5 H1 (mm) 50.5 H2 (mm) 21.5 K1 M10x1,25 L (mm) 50 L1 (mm) 32 L2 (mm) 52.0 L3 (mm) 19.8 T (mm) 12	Ø D8 (mm)	6
E1 G1\8 F (mm) 8.0 F1 (mm) 36.5 H (mm) 44.5 H1 (mm) 50.5 H2 (mm) 21.5 K1 M10x1,25 L (mm) 50 L1 (mm) 32 L2 (mm) 52.0 L3 (mm) 20 L4 (mm) 19.8 T (mm) 12	D9 (mm)	6
F (mm) 8.0 F1 (mm) 36.5 H (mm) 44.5 H1 (mm) 50.5 H2 (mm) 21.5 K1 M10x1,25 L (mm) 50 L1 (mm) 32 L2 (mm) 52.0 L3 (mm) 20 L4 (mm) 19.8 T (mm) 12	D10 (mm)	17
F1 (mm) 36.5 H (mm) 44.5 H1 (mm) 50.5 H2 (mm) 21.5 K1 M10x1,25 L (mm) 50 L1 (mm) 32 L2 (mm) 52.0 L3 (mm) 20 L4 (mm) 19.8 T (mm) 12	E1	G1\8
H (mm) 44.5 H1 (mm) 50.5 H2 (mm) 21.5 K1 M10x1,25 L (mm) 50 L1 (mm) 32 L2 (mm) 52.0 L3 (mm) 20 L4 (mm) 19.8 T (mm) 12	F (mm)	8.0
H1 (mm)50.5H2 (mm)21.5K1M10x1,25L (mm)50L1 (mm)32L2 (mm)52.0L3 (mm)20L4 (mm)19.8T (mm)12	F1 (mm)	36.5
H2 (mm)21.5K1M10x1,25L (mm)50L1 (mm)32L2 (mm)52.0L3 (mm)20L4 (mm)19.8T (mm)12	H (mm)	44.5
K1 M10x1,25 L (mm) 50 L1 (mm) 32 L2 (mm) 52.0 L3 (mm) 20 L4 (mm) 19.8 T (mm) 12	H1 (mm)	50.5
L (mm) 50 L1 (mm) 32 L2 (mm) 52.0 L3 (mm) 20 L4 (mm) 19.8 T (mm) 12	H2 (mm)	21.5
L1 (mm) 32 L2 (mm) 52.0 L3 (mm) 20 L4 (mm) 19.8 T (mm) 12	K1	M10x1,25
L2 (mm) 52.0 L3 (mm) 20 L4 (mm) 19.8 T (mm) 12	L (mm)	50
L3 (mm) 20 L4 (mm) 19.8 T (mm) 12	L1 (mm)	32
L4 (mm) 19.8 T (mm) 12	L2 (mm)	52.0
T (mm) 12	L3 (mm)	20
	L4 (mm)	19.8
T1 (mm) 22	T (mm)	12
	T1 (mm)	22

T2 (mm)	4
SW1 (mm)	10