

# **Compact cylinders - Series 31**

Product code: 31M3A050A300

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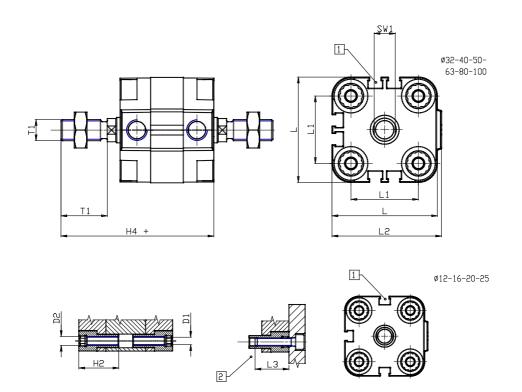
### TECHNICAL DATA

Series	31
Version	M=male rod thread
Operation	3=double-acting through rod
Diameter (mm)	50
Stroke type	standard
Stroke (mm)	300
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