

# **Compact cylinders - Series 31**

Product code: 31M2A032A009W(45)

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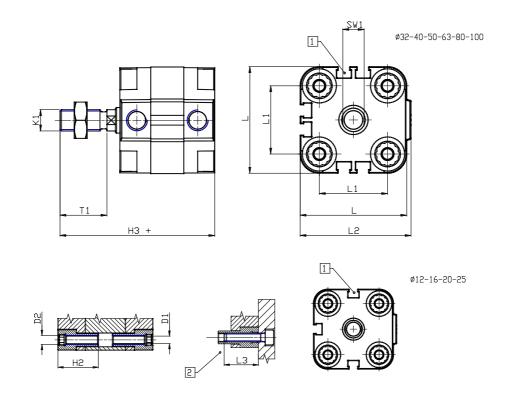
### TECHNICAL DATA

Series	31
Version	M=male rod thread
Operation	2=double-acting
Diameter (mm)	32
Stroke type	variable
Stroke (mm)	9
Rod seals material	W = seals in FKM for high temperatures (140°C),
Materials	A = rolled stainless steel AISI 303 rod tube profile aluminium
Construction	A = standard



# **Compact cylinders - Series 31**

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### DIMENSIONS

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)     32       L2 (mm)     52.0       L3 (mm)     20       L4 (mm)     19.8       T (mm)     12	r	
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       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	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     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	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)   20     L4 (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)44.5H1 (mm)50.5H2 (mm)21.5K1M10x1,25L (mm)50L1 (mm)32L2 (mm)52.0L3 (mm)20L4 (mm)19.8T (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
K1M10x1,25L (mm)50L1 (mm)32L2 (mm)52.0L3 (mm)20L4 (mm)19.8T (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	К1	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