

# **Compact cylinders - Series 31**

Product code: 31M2A020A080W

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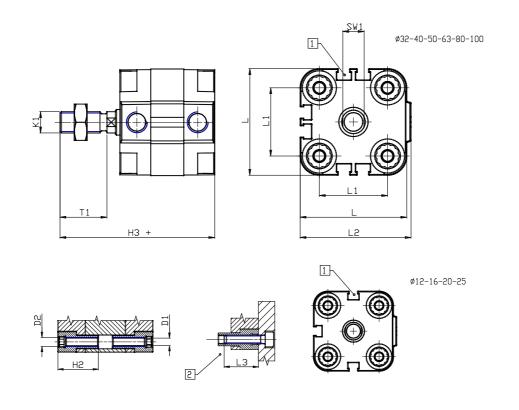
### TECHNICAL DATA

Series	31
Version	M=male rod thread
Operation	2=double-acting
Diameter (mm)	20
Stroke type	standard
Stroke (mm)	80
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 D (mm)     10       Ø D1 (mm)     4.5       D2     M5       D3     M5       Ø D4 (mm)     4       D5     M4       Ø D8 (mm)     6       D9 (mm)     10       E1     M5       F (mm)     8.0       F1 (mm)     30.0       H1 (mm)     42.5       H2 (mm)     18.5       K1     M10x1,25       L (mm)     37.5       L3 (mm)     18       L4 (mm)     12.0       T (mm)     10	· · · · · · · · · · · · · · · · · · ·	
D2     M5       D3     M5       Ø D4 (mm)     4       D5     M4       Ø D8 (mm)     6       D9 (mm)     6       D10 (mm)     10       E1     M5       F (mm)     8.0       F1 (mm)     30.0       H1 (mm)     42.5       H2 (mm)     18.5       K1     M10x1,25       L (mm)     37.5       L3 (mm)     18       L4 (mm)     12.0       T (mm)     10	Ø D (mm)	10
D3   M5     Ø D4 (mm)   4     D5   M4     Ø D8 (mm)   6     D9 (mm)   6     D10 (mm)   10     E1   M5     F (mm)   8.0     F1 (mm)   30.0     H1 (mm)   42.5     H2 (mm)   18.5     K1   M10x1,25     L (mm)   37.5     L3 (mm)   18     L4 (mm)   12.0     T (mm)   10	Ø D1 (mm)	4.5
Ø D4 (mm)   4     Ø D5   M4     Ø D8 (mm)   6     D9 (mm)   6     D10 (mm)   10     E1   M5     F (mm)   8.0     F1 (mm)   30.0     H (mm)   38.0     H1 (mm)   42.5     H2 (mm)   18.5     K1   M10x1,25     L (mm)   36     L1 (mm)   22     L2 (mm)   18     L3 (mm)   18     L4 (mm)   12.0     T (mm)   10	D2	M5
D5     M4       Ø D8 (mm)     6       D9 (mm)     6       D10 (mm)     10       E1     M5       F (mm)     8.0       F1 (mm)     30.0       H (mm)     38.0       H1 (mm)     42.5       H2 (mm)     18.5       K1     M10x1,25       L (mm)     37.5       L3 (mm)     18       L4 (mm)     12.0       T (mm)     10	D3	M5
Ø D8 (mm)   6     Ø D8 (mm)   6     D9 (mm)   6     D10 (mm)   10     E1   M5     F (mm)   8.0     F1 (mm)   30.0     H (mm)   38.0     H1 (mm)   42.5     H2 (mm)   18.5     K1   M10x1,25     L (mm)   36     L1 (mm)   22     L2 (mm)   37.5     L3 (mm)   18     L4 (mm)   12.0     T (mm)   10	Ø D4 (mm)	4
D9 (mm)     6       D10 (mm)     10       E1     M5       F (mm)     8.0       F1 (mm)     30.0       H (mm)     38.0       H1 (mm)     42.5       H2 (mm)     18.5       K1     M10x1,25       L (mm)     22       L2 (mm)     37.5       L3 (mm)     18       L4 (mm)     12.0       T (mm)     10	D5	M4
D10 (mm)   10     E1   M5     F (mm)   8.0     F1 (mm)   30.0     H (mm)   38.0     H1 (mm)   42.5     H2 (mm)   18.5     K1   M10x1,25     L (mm)   36     L1 (mm)   22     L2 (mm)   37.5     L3 (mm)   18     L4 (mm)   12.0     T (mm)   10	Ø D8 (mm)	6
E1   M5     F (mm)   8.0     F1 (mm)   30.0     H (mm)   38.0     H1 (mm)   42.5     H2 (mm)   18.5     K1   M10x1,25     L (mm)   36     L1 (mm)   22     L2 (mm)   37.5     L3 (mm)   18     L4 (mm)   12.0     T (mm)   10	D9 (mm)	6
F (mm)   8.0     F1 (mm)   30.0     H (mm)   38.0     H1 (mm)   42.5     H2 (mm)   18.5     K1   M10x1,25     L (mm)   36     L1 (mm)   22     L2 (mm)   37.5     L3 (mm)   18     L4 (mm)   12.0     T (mm)   10	D10 (mm)	10
F1 (mm)   30.0     H (mm)   38.0     H1 (mm)   42.5     H2 (mm)   18.5     K1   M10x1,25     L (mm)   36     L1 (mm)   22     L2 (mm)   37.5     L3 (mm)   18     L4 (mm)   12.0     T (mm)   10	E1	M5
H (mm)   38.0     H1 (mm)   42.5     H2 (mm)   18.5     K1   M10x1,25     L (mm)   36     L1 (mm)   22     L2 (mm)   37.5     L3 (mm)   18     L4 (mm)   12.0     T (mm)   10	F (mm)	8.0
H1 (mm)42.5H2 (mm)18.5K1M10x1,25L (mm)36L1 (mm)22L2 (mm)37.5L3 (mm)18L4 (mm)12.0T (mm)10	F1 (mm)	30.0
H2 (mm)   18.5     K1   M10x1,25     L (mm)   36     L1 (mm)   22     L2 (mm)   37.5     L3 (mm)   18     L4 (mm)   12.0     T (mm)   10	H (mm)	38.0
K1 M10x1,25   L (mm) 36   L1 (mm) 22   L2 (mm) 37.5   L3 (mm) 18   L4 (mm) 12.0   T (mm) 10	H1 (mm)	42.5
L (mm)   36     L1 (mm)   22     L2 (mm)   37.5     L3 (mm)   18     L4 (mm)   12.0     T (mm)   10	H2 (mm)	18.5
L1 (mm) 22   L2 (mm) 37.5   L3 (mm) 18   L4 (mm) 12.0   T (mm) 10	К1	M10x1,25
L2 (mm) 37.5   L3 (mm) 18   L4 (mm) 12.0   T (mm) 10	L (mm)	36
L3 (mm)     18       L4 (mm)     12.0       T (mm)     10	L1 (mm)	22
L4 (mm) 12.0 T (mm) 10	L2 (mm)	37.5
T (mm) 10	L3 (mm)	18
	L4 (mm)	12.0
T1 (mm) 22	T (mm)	10
	T1 (mm)	22

T2 (mm)	4
SW1 (mm)	8