

# **Compact cylinders - Series 31**

Product code: 31F2A020A080W

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### TECHNICAL DATA

Series	31
Version	F=female 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



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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)     6       D10 (mm)     10       E1     M5       F (mm)     8.0       F1 (mm)     38.0       H1 (mm)     42.5       H2 (mm)     18.5       K1     M10x1,25       L (mm)     36		
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)     36	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)   36	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	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       K1     M10x1,25       L (mm)     36	D3	M5
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	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)     36	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	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	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	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	E1	M5
H (mm)   38.0     H1 (mm)   42.5     H2 (mm)   18.5     K1   M10x1,25     L (mm)   36	F (mm)	8.0
H1 (mm)   42.5     H2 (mm)   18.5     K1   M10x1,25     L (mm)   36	F1 (mm)	30.0
H2 (mm) 18.5   K1 M10x1,25   L (mm) 36	H (mm)	38.0
K1     M10x1,25       L (mm)     36	H1 (mm)	42.5
L (mm) 36	H2 (mm)	18.5
	К1	M10x1,25
	L (mm)	36
L1 (mm) 22	L1 (mm)	22
L2 (mm) 37.5	L2 (mm)	37.5
L3 (mm) 18	L3 (mm)	18
L4 (mm) 12.0	L4 (mm)	12.0
<b>T (mm)</b> 10	T (mm)	10
T1 (mm) 22	T1 (mm)	22

T2 (mm)	4
SW1 (mm)	8