

# **Compact cylinders - Series 31**

Product code: 31F2A032A100W

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### TECHNICAL DATA

Series	31	
Version	F=female rod thread	
Operation	2=double-acting	
Diameter (mm)	32	
Stroke type	standard	
Stroke (mm)	100	
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)     12       Ø D1 (mm)     5.5       D2     M6       D3     M6       Ø D4 (mm)     5       D5     M5       Ø D8 (mm)     6       D9 (mm)     17       E1     G1\8       F (mm)     8.0       F1 (mm)     36.5       H1 (mm)     50.5       H2 (mm)     50.5       L (mm)     50.5
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
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
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
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
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
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
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
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
F (mm)   8.0     F1 (mm)   36.5     H (mm)   44.5     H1 (mm)   50.5     H2 (mm)   21.5     K1   M10x1,25
F1 (mm) 36.5   H (mm) 44.5   H1 (mm) 50.5   H2 (mm) 21.5   K1 M10x1,25
H (mm)   44.5     H1 (mm)   50.5     H2 (mm)   21.5     K1   M10x1,25
H1 (mm) 50.5   H2 (mm) 21.5   K1 M10x1,25
H2 (mm) 21.5   K1 M10x1,25
K1 M10x1,25
L (mm) 50
L1 (mm) 32
L2 (mm) 52.0
L3 (mm) 20
L4 (mm) 19.8
T (mm) 12
T1 (mm) 22

T2 (mm)	4
SW1 (mm)	10