

## **Compact cylinders - Series 31**

Product code: 31F2A032A100V

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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	V = rod seal FKM
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)       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         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		
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         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	Ø D (mm)	12
D3	Ø D1 (mm)	5.5
Ø D4 (mm)       5         D5       M5         Ø D8 (mm)       6         D9 (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)       52.0         L3 (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)       50         L1 (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)       50         L1 (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) 50 L1 (mm) 32 L2 (mm) 52.0 L3 (mm) 20 L4 (mm) 19.8 T (mm)	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)       52.0         L3 (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) 44.5 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	F (mm)	8.0
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	F1 (mm)	36.5
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	H (mm)	44.5
K1 M10x1,25 L (mm) 50 L1 (mm) 32 L2 (mm) 52.0 L3 (mm) 20 L4 (mm) 19.8 T (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	K1	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
<b>-</b> 4 ( )	T (mm)	12
11 (mm) 22	T1 (mm)	22

T2 (mm)	4
SW1 (mm)	10