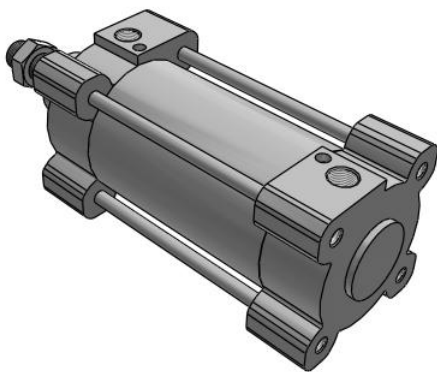


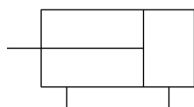


C96Y(D), ISO 15552 Cylinder, Smooth Cylinder, Double Acting, Single Rod C96YDB80-80C

Datasheet

General series information

- Double acting, Smooth Cylinder, single rod
- Bore sizes (mm): 32, 40, 50, 63, 80, 100
- Standard stroke up to 500mm, maximum stroke 1000mm
- Auto switch capable



Double-acting, single-rod cylinder

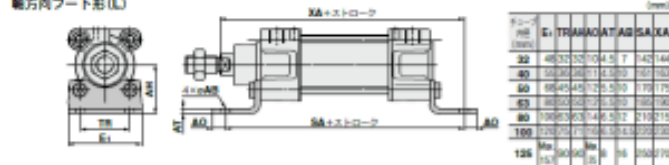
Standard specifications

Magnet	D (Built-in Magnet)
Mounting	B (Basic, w/o Bracket)
Bore Size	Ø80 mm
Stroke	80
Auto Switch	No Switch
Lead Wire or Prewired Connector	0.5m [Or None in the Case of No Switch]
Number	2 pcs. [Or None in Case of No Switch]
Rod End Options	None
Pressure medium	Compressed air
Maximum temperature of pressure medium with magnet	60 °C
Minimum temperature of pressure medium with magnet	-10 °C (no freezing)
Maximum operating pressure	0.7 MPa
Minimum operating pressure	0.01 MPa
Proof pressure	1.05 MPa
Maximum ambient temperature with magnet	60 °C
Minimum ambient temperature with magnet	-10 °C (no freezing)
Number of pneumatic connections	2 pcs.
Pneumatic input connection	G 3/8
Pneumatic exhaust connection	G 3/8

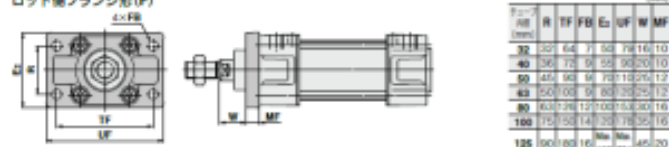
Mode of operation of drive	Double acting
Maximum piston speed	500 mm/s
Type of cushioning	Bumper cushion
Piston rod end	Male-thread
Geometric form of the piston rod	Single rod
Male thread of rod end	M20 x 1.5
Minimum piston speed	50 mm/s
Weight	4.613 Kg

Dimensions

軸方向ポート形 (L)



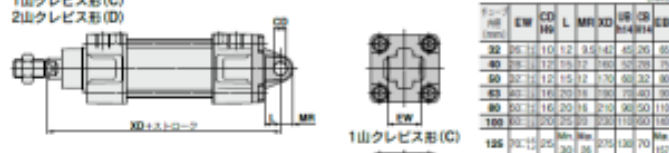
ロッド側フランジ形 (F)



ヘッド側フランジ形 (G)



1山クレービス形 (C)

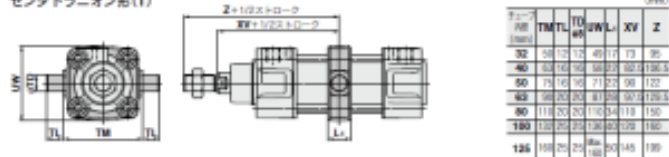


1山クレービス形 (C)

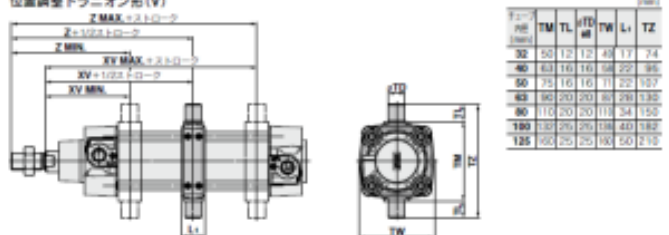
2山クレービス形 (D)

2山クレービス形 (D)

センタラニオン形 (T)



位置調整トラニオン形 (V)



ポート 径 (mm)	最小値		標準値		最大値		動作 圧力 (MPa)
	XV MIN	Z MIN	XV Z	Z MAX	XV MAX	Z MAX	
32	82.0	85.0	73	85	82.0	154.0	0.300
40	73.0	87.0	87	105.0	80.0	175.0	0.300
50	80	112	90	122	100	190	0.300
63	88.0	121.0	97	133	105	210	0.300
80	97.0	137.0	110	150	122	230	0.300
100	113.0	153.0	120	160	136	250	0.300
125	140	202	145	201	142	290	0.300

Additional information

Catalogue

[C96-Bb_EU.pdf](#)