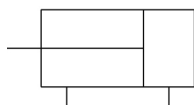


C96Y(D), ISO 15552 Cylinder, Smooth Cylinder, Double Acting, Single Rod C96YDB40-250C

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

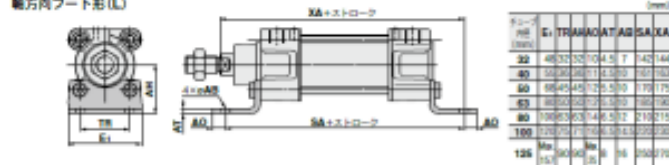
Standard specifications

Magnet	D (Built-in Magnet)
Mounting	B (Basic, w/o Bracket)
Bore Size	Ø40 mm
Stroke	250
Auto Switch	No Switch
Lead Wire or Pre-wired Connector	0.5 m (Or None in the Case of No Switch)
Number	2 pcs. (Or None in the 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	0.02 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 1/4
Pneumatic exhaust connection	G 1/8

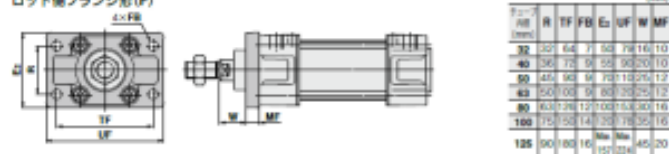
Mode of operation of drive	Double acting
Maximum piston speed	500 mm/s
Type of cushioning	Bumper cushion
Piston rod end	Male-thread
Geometric form of the piston rod	Single rod
Male thread of rod end	M12 x 1.25
Minimum piston speed	50 mm/s
Weight	1.504 Kg

Dimensions

軸方向ポート形 (L)



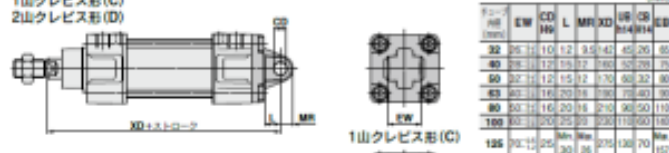
ロッド側フランジ形 (F)



ヘッド側フランジ形 (G)



1山クレービス形 (C)

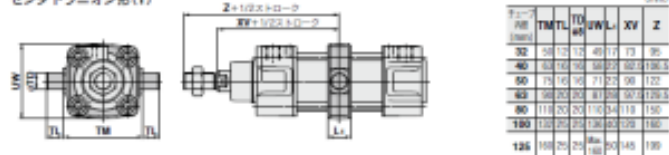


1山クレービス形 (C)

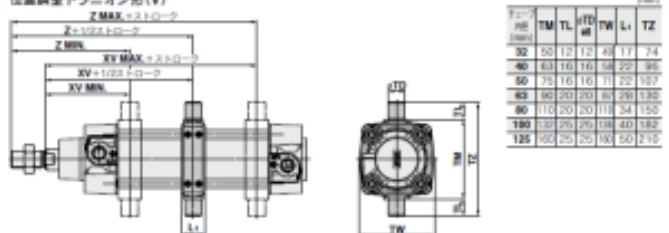
2山クレービス形 (D)

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)	短行程		中行程		長行程		動作 時間 (ms)
	XV MIN	Z MIN	XV Z	Z MAX	XV MAX	Z MAX	
32	82.0	85.4	73	85	82.0	154.0	5300%
40	73.0	87.0	87	106.0	80.0	175.0	2300%
50	80	112	90	122	120	177	1000%
63	80.0	121.0	97	129	125	177.0	1000%
80	97.0	137.0	110	150	127	182.0	1000%
100	113.0	153.0	120	160	136.0	186.0	2500%
125	148	202	145	201	142	190	4700%

Additional information

Catalogue

[C96-Bb_EU.pdf](#)