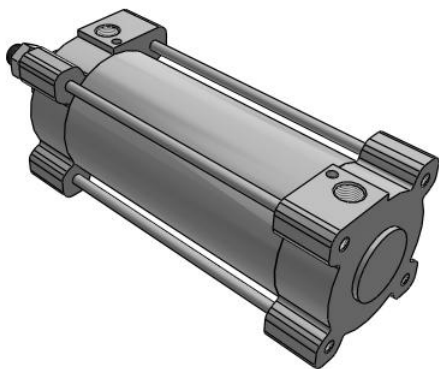




C96Y(D), ISO 15552 Cylinder, Smooth Cylinder, Double Acting, Single Rod C96YDB100-160C

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

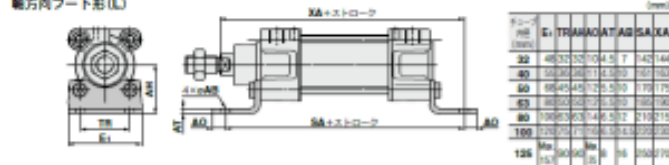
Standard specifications

Magnet	D (Built-in Magnet)
Mounting	B (Basic, w/o Bracket)
Bore Size	Ø100 mm
Stroke	160
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	0.01 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 1/2
Pneumatic exhaust connection	G 1/2

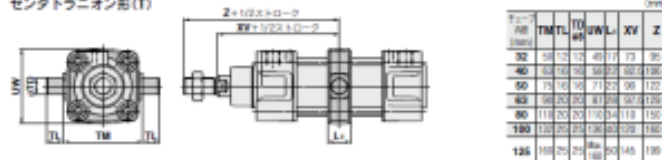
Mode of operation of drive	Double acting
Maximum piston speed	500 mm/s
Type of cushioning	Bumper cushion
Piston rod end	Male-thread
Geometric form of the piston rod	Single rod
Male thread of rod end	M20 x 1.5
Minimum piston speed	50 mm/s
Weight	5.050 Kg

Dimensions

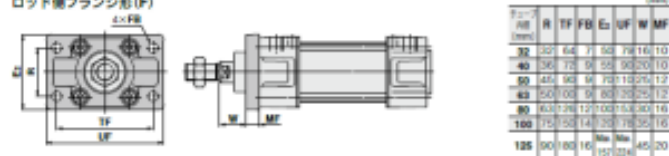
軸方向ポート形 (L)



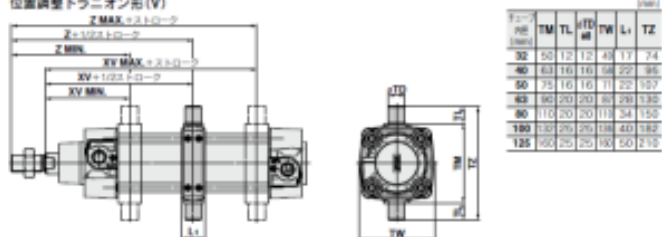
センタートラニオン形 (T)



ロッド側フランジ形 (F)



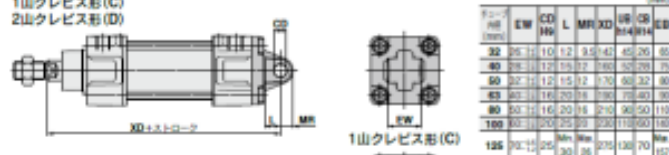
位置調整トラニオン形 (V)



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)

ポート 径 (mm)	短行程		中行程		長行程		トリオン 弁径
	XV MIN	Z MAX	XV Z	Z MAX	XV MAX	Z MAX	
32	82.6	85.4	73	85	82.6	154.6	φ300%
40	73.6	87.6	87	106.2	80.4	175.4	φ300%
50	80	112	90	122	112	190	φ300%
63	80.6	121.6	97.2	133.2	105.4	210.6	φ300%
80	97.4	137.4	110	150	127.2	230.6	φ300%
100	113.4	153.4	130	160	136.1	250.6	φ300%
125	148	202	145	201	142	290	φ300%

Additional information

Catalogue

[C96-Bb_EU.pdf](#)