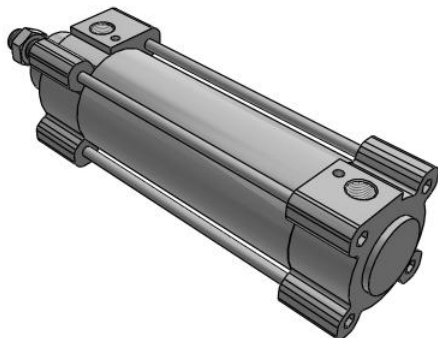




C96Y(D), ISO 15552 Cylinder, Smooth Cylinder, Double Acting, Single Rod C96YDB63-125C

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

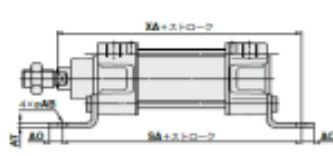
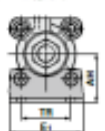
Standard specifications

Magnet	D (Built-in Magnet)
Mounting	B (Basic, w/o Bracket)
Bore Size	Ø63 mm
Stroke	125
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 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	M16 x 1.5
Minimum piston speed	50 mm/s

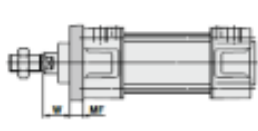
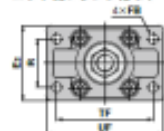
Dimensions

軸方向ポート形 (L)



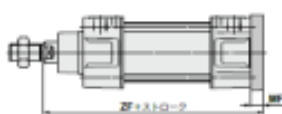
シリーズ P6 (mm)	E	TRA	HA	IA	T	XA
32	48	32	32	104	5	142/144
40	50	36	36	114	5	157/163
50	56	45	45	125	5	170/175
63	63	52	52	135	5	182/186
80	68	63	63	146	5	210/215
100	75	75	75	166	5	232/236
125	85	85	85	186	5	250/270

ロッド側フランジ形 (F)



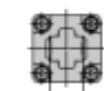
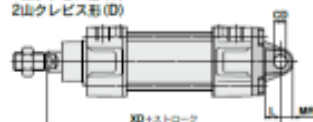
シリーズ P6 (mm)	R	TF	FB	E1	W	MF
32	32	64	7	52	78	16/10
40	36	72	9	55	90	20/10
50	45	90	9	70	110	25/12
63	50	100	9	80	125	25/12
80	60	120	12	100	150	30/16
100	75	150	14	125	175	32/16
125	90	180	16	150	210	40/20

ヘッド側フランジ形 (G)

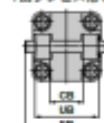


シリーズ P6 (mm)	MF	ZF
32	10	130
40	10	145
50	12	155
63	12	170
80	15	190
100	16	205
125	20	245

1山クレス形 (C)



1山クレス形 (C)

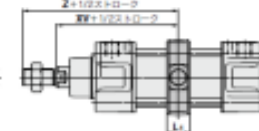
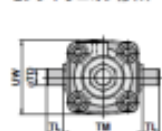


2山クレス形 (D)



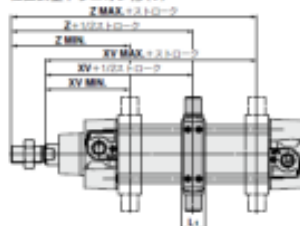
シリーズ P6 (mm)	EW	CD	L	MR	XD	UR	CR	EB
32	25	10	12	9.5	42	45	20	45
40	25	12	15	12	50	52	25	50
50	27	12	15	12	57	60	32	60
63	30	15	16	16	68	70	40	70
80	32	16	20	18	80	82	50	80
100	35	18	25	20	95	97	60	100
125	40	20	30	25	110	112	70	120

センタラニオン形 (T)



シリーズ P6 (mm)	TM	TL	TD	UL	XV	Z
32	58	12	12	48	17	25
40	63	16	16	58	22	30
50	75	16	16	71	25	35
63	86	20	20	83	30	40
80	110	20	20	103	34	50
100	135	25	25	128	40	60
125	160	25	25	158	50	70

位置調整ラニオン形 (V)



シリーズ P6 (mm)	TM	TL	TD	UL	L1	L2	L3
32	58	12	12	48	17	24	24
40	63	16	16	58	22	30	30
50	75	16	16	71	25	35	35
63	86	20	20	83	30	40	40
80	110	20	20	103	34	50	50
100	135	25	25	128	40	60	60
125	160	25	25	158	50	70	70

シリーズ P6 (mm)	最小値 MIN	標準値 Z	最大値 MAX	最小値 MIN	標準値 Z	最大値 MAX	ラニオン 90度
32	82.0	85.4	73	85	82.0	154.0	±0.00%
40	73.0	87.0	75	87	73.0	154.0	±0.00%
50	80	112	90	112	80	154.0	±0.00%
63	86.0	121.0	97	121	86.0	154.0	±0.00%
80	97.0	137.0	110	137	97.0	154.0	±0.00%
100	113.0	153.0	130	153	113.0	154.0	±0.00%
125	148	202	145	202	148	154.0	±0.00%

Additional information

Catalogue

[C96-Bb_EU.pdf](#)