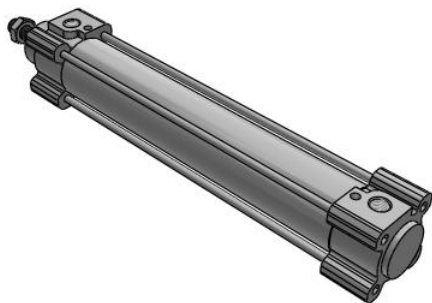




C96Y(D), ISO 15552 Cylinder, Smooth Cylinder, Double Acting, Single Rod C96YDB40-200C

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

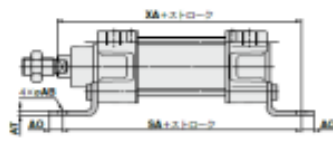
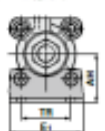
Standard specifications

Magnet	D (Built-in Magnet)
Mounting	B (Basic, w/o Bracket)
Bore Size	Ø40 mm
Stroke	200
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	1.350 Kg

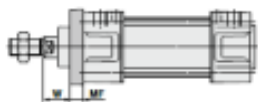
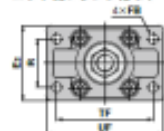
Dimensions

軸方向ポート形 (L)



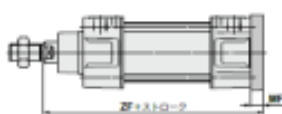
シリーズ P16 (mm)	E	TRA	AO	T	XA
32	40	32	104	5	142
40	50	36	114	5	157
50	65	45	125	5	175
63	80	55	135	5	195
80	100	65	146	5	215
100	125	75	158	5	235
125	155	90	168	5	250

ロッド側フランジ形 (F)



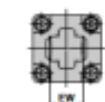
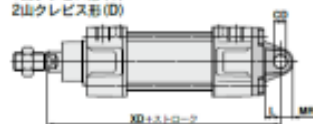
シリーズ P16 (mm)	R	TF	F1	E1	W	MF
32	32	64	7	50	78	16
40	36	72	8	55	80	16
50	45	90	9	70	110	12
63	55	105	10	85	125	12
80	65	120	12	100	150	16
100	75	135	14	120	175	16
125	90	160	16	150	200	20

ヘッド側フランジ形 (G)

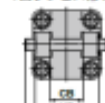


シリーズ P16 (mm)	MF	ZF
32	10	130
40	10	145
50	12	155
63	12	170
80	16	190
100	16	205
125	20	245

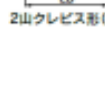
1山クレス形 (C)



1山クレス形 (C)

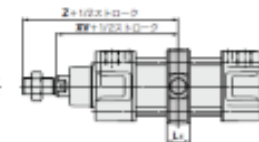
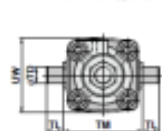


2山クレス形 (D)



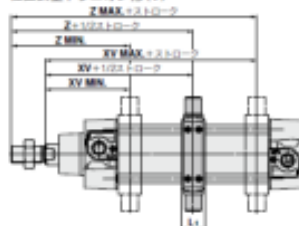
シリーズ P16 (mm)	E1	W	CD	L	MR	XD	UR	CR	EB
32	25	10	1.2	9.5	140	45	20	45	
40	25	12	1.5	12	160	50	20	45	
50	25	12	1.5	12	170	60	32	40	
63	30	16	2.0	16	180	70	40	30	
80	30	16	2.0	16	210	90	50	110	
100	30	16	2.0	16	230	110	60	140	
125	30	16	2.0	16	250	130	70	160	

センタラニオン形 (T)



シリーズ P16 (mm)	TM	TL	TD	W	L1	L2	L3	Z
32	50	12	12	40	17	73	25	
40	60	16	16	50	22	80	30	
50	75	16	16	70	22	90	30	
63	90	20	20	85	22	100	30	
80	110	20	20	110	24	110	30	
100	130	20	20	130	24	130	30	
125	150	25	25	150	24	150	30	

位置調整ラニオン形 (V)



シリーズ P16 (mm)	TM	TL	TD	W	L1	L2	L3	Z
32	50	12	12	40	17	73	25	
40	60	16	16	50	22	80	30	
50	75	16	16	70	22	90	30	
63	90	20	20	85	22	100	30	
80	110	20	20	110	24	110	30	
100	130	20	20	130	24	130	30	
125	150	25	25	150	24	150	30	

シリーズ P16 (mm)	幅寸法 MIN	幅寸法 MAX	高さ寸法 MIN	高さ寸法 MAX	長さ寸法 MIN	長さ寸法 MAX	ラニオン 寸法
32	82.0	85.4	73	85	82.0	154.0	5300%
40	73.0	87.0	70.0	80.0	80.0	154.0	2300%
50	80	112	80	120	110	160.0	1000%
63	80.0	121.0	87.0	125.0	105.0	170.0	1000%
80	87.0	137.0	100	150	127.0	170.0	1000%
100	113.0	153.0	120	160	136.0	180.0	2500%
125	140	170	140	160	147	190	4700%

Additional information

Catalogue

[C96-Bb_EU.pdf](#)