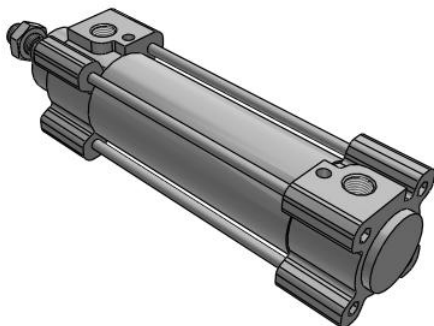




C96Y(D), ISO 15552 Cylinder, Smooth Cylinder, Double Acting, Single Rod C96YDB40-80C

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

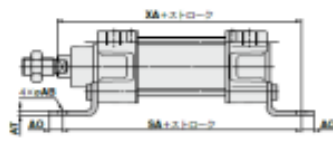
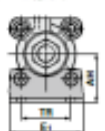
Standard specifications

Magnet	D (Built-in)
Mounting	B (Basic, w/o Bracket)
Bore Size	Ø40 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 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	5.281 Kg

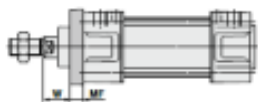
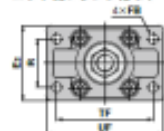
Dimensions

軸方向ポート形 (L)



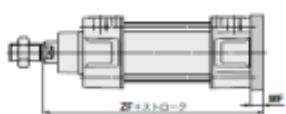
E: TRAHAATAGSAXA						
32	48	32	104	5	T	142/144
40	50	36	107	14	500	157/163
50	56	45	125	500	170/175	
63	63	52	137	15	500	185/195
80	68	63	146	500	210/215	
100	75	75	170	165	500	230/235
125	85	85	185	16	500	250/270

ロッド側フランジ形 (F)



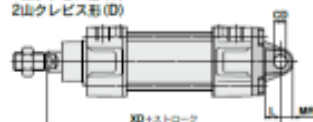
シリーズ P16 (mm)	R	TF	FB	E1	W	MF
32	32	64	7	50	78	16/10
40	36	72	9	55	90	20/10
50	45	90	14	70	110	25/12
63	50	100	16	80	125	25/12
80	60	120	17	100	150	30/16
100	75	150	14	120	175	32/16
125	90	180	16	150	210	40/20

ヘッド側フランジ形 (G)

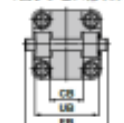


シリーズ P16 (mm)	MF	ZF
32	10	130
40	10	145
50	12	155
63	12	170
80	15	190
100	16	205
125	20	245

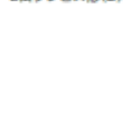
1山クレス形 (C)



1山クレス形 (C)

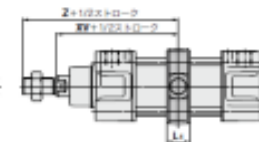
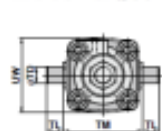


2山クレス形 (D)



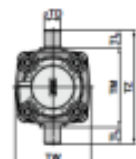
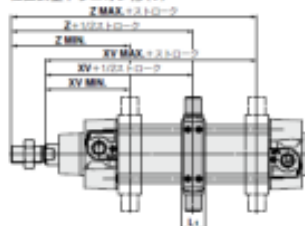
シリーズ P16 (mm)	E1	W	CD	L	MR	XD	UR	CR	EB
32	25	10	1.2	9.5	140	45	20	45	
40	25	12	1.5	12	160	50	20	45	
50	27	12	1.5	12	170	60	32	40	
63	30	16	20	18	180	70	40	30	
80	30	16	20	18	210	90	50	110	
100	30	16	20	18	230	110	60	140	
125	30	16	20	18	250	130	70	160	

センタラニオン形 (T)



シリーズ P16 (mm)	TM	TL	TD	W	L1	XV	Z
32	58	12	12	48	17	73	26
40	63	16	16	58	22	82	30
50	75	16	16	71	25	98	32
63	86	20	20	81	28	107	36
80	118	20	20	110	34	119	40
100	135	25	25	138	40	138	46
125	158	25	25	160	50	145	50

位置調整トラニオン形 (V)



シリーズ P16 (mm)	TM	TL	TD	W	L1	L2	TZ
32	58	12	12	48	17	74	
40	63	16	16	58	22	86	
50	75	16	16	71	25	107	
63	86	20	20	81	28	132	
80	110	20	20	110	34	150	
100	135	25	25	138	40	182	
125	160	25	25	160	50	210	

シリーズ P16 (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	トラニオン 90度
32	82.6	85.4	73	85	82.6	154.6	±0.00%
40	73.6	87.6	76.5	80	81.6	200.6	±0.00%
50	80	112	90	122	120	171	±0.00%
63	86.6	121.6	97.5	125	125	210.6	±0.00%
80	97.6	137.6	110	150	127.5	276.6	±0.00%
100	113.6	153.6	120	180	136.1	350.6	±0.00%
125	148	202	145	201	147	479.6	±0.00%

Additional information

Catalogue

[C96-Bb_EU.pdf](#)