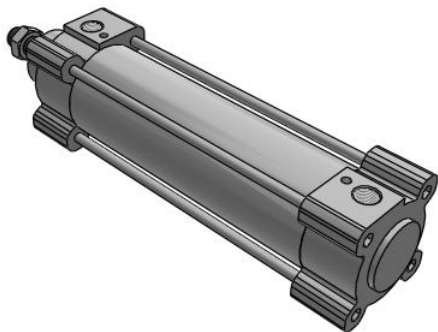


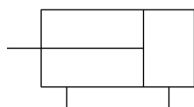


C96Y(D), ISO 15552 Cylinder, Smooth Cylinder, Double Acting, Single Rod C96YDB63-160C

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

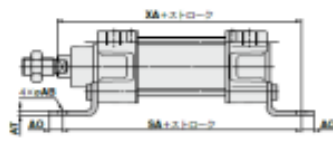
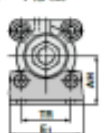
Standard specifications

Magnet	D (Built-in Magnet)
Mounting	B (Basic, w/o Bracket)
Bore Size	Ø63 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 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
Weight	2.193 Kg

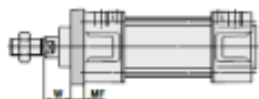
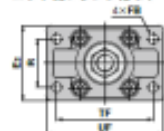
Dimensions

軸方向ポート形 (L)



シリーズ P16 (mm)	E+TRAHIAI7ARISAIXA	(mm)
32	48 32 32 104 5 1	142 144
40	50 36 36 114 5 1	157 163
50	56 42 42 125 5 1	170 175
63	63 50 50 137 5 1	182 186
80	68 63 63 146 5 1	210 215
100	72 72 72 158 5 1	222 226
125	75 80 80 165 5 1	250 270

ロッド側フランジ形 (F)



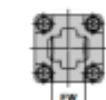
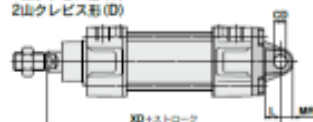
シリーズ P16 (mm)	R	TF	FB	E1	W	MF	(mm)
32	32	64	7	50	78	16	10
40	36	72	8	55	90	20	10
50	45	90	9	70	110	25	12
63	50	100	10	80	125	25	12
80	60	120	12	100	150	30	16
100	70	150	14	120	175	35	16
125	90	180	16	150	210	40	20

ヘッド側フランジ形 (G)

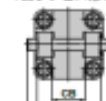


シリーズ P16 (mm)	MF	ZF	(mm)
32	10	130	
40	10	145	
50	12	155	
63	12	170	
80	15	190	
100	18	205	
125	20	245	

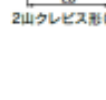
1山クレス形 (C)



1山クレス形 (C)

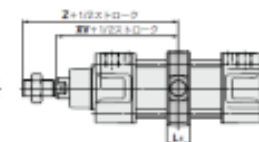
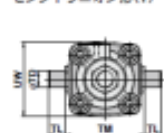


2山クレス形 (D)



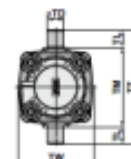
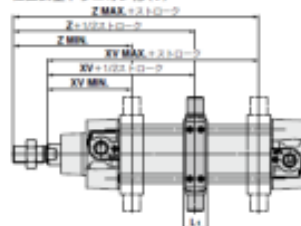
シリーズ P16 (mm)	E1	CD	L	MR	XD	W	MF	EB	(mm)
32	25	10	12	9.5	40	45	20	45	
40	25	12	15	12	50	55	25	50	
50	27	12	15	12	50	60	32	50	
63	30	15	20	15	50	65	40	50	
80	30	12	16	20	15	210	60	50	110
100	30	12	20	25	20	230	65	60	140
125	30	12	25	30	25	250	70	70	160

センタラニオン形 (T)



シリーズ P16 (mm)	TM	TL	TD	W	L1	XV	Z	(mm)
32	58	12	12	48	17	73	25	
40	63	16	16	58	22	82	30	
50	75	16	16	71	25	98	35	
63	86	20	20	81	28	107	40	
80	118	20	20	110	34	119	50	
100	135	25	25	130	40	128	60	
125	158	25	25	150	45	139	70	

位置調整ラニオン形 (V)



シリーズ P16 (mm)	TM	TL	TD	W	L1	TZ	(mm)
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	130	25	25	130	40	182	
125	150	25	25	150	50	210	

シリーズ P16 (mm)	最小値 MIN	標準値 Z	最大値 MAX	ラニオン 90度	(mm)
32	82.0	85.4	73	85	82.0 154.0 5300%
40	73.0	87.0	75.0	80	87.0 154.0 2300%
50	80	112	90	122	120 11000%
63	80.0	121.0	97.0	125	125 10000%
80	97.0	137.0	110	127	162 576 100%
100	113.0	153.0	120	140	136 1160 125 100%
125	148	202	145	201	142 139 42700%

Additional information

Catalogue

[C96-Bb_EU.pdf](#)