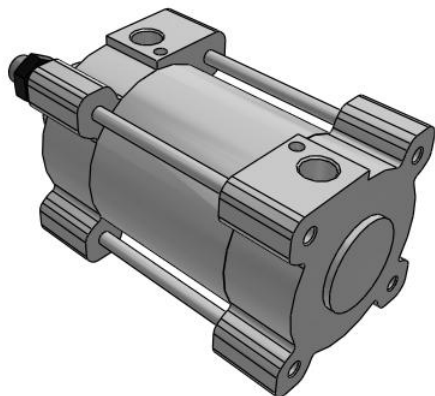




C96Y(D), ISO 15552 Cylinder, Smooth Cylinder, Double Acting, Single Rod C96YDB100-50C

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

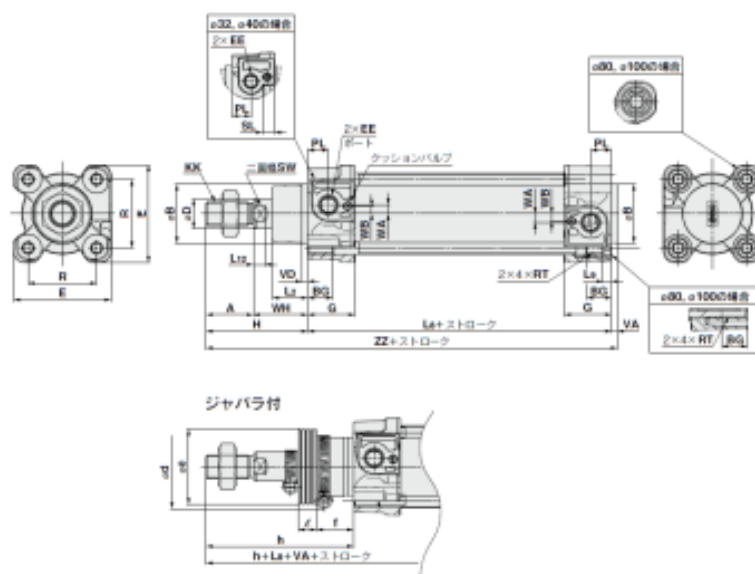
Standard specifications

Magnet	D (Built-in Magnet)
Mounting	B (Basic, w/o Bracket)
Bore Size	Ø100 mm
Stroke	50
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	4.063 Kg

Dimensions

基本形：C96S(D)B チューブ内蔵 - ストローク C(J)



チューブ 内径 単位:mm	ストローク範囲(ver.) 単位:mm	A	B	CG	CE	EE	G	H	KK	L	L2	PL	R	RT	SL	SW	VA	VD	WA	WB	WZ	ZZ					
	単位:mm	単位:mm	単位:mm	単位:mm	単位:mm	単位:mm	単位:mm	単位:mm	単位:mm	単位:mm	単位:mm	単位:mm	単位:mm	単位:mm	単位:mm	単位:mm	単位:mm	単位:mm	単位:mm	単位:mm	単位:mm	単位:mm					
32	~1800	~1200	22	30	16	32	47	61	78	29.9	48	88	124	15	94	4	6	13	32.5	MX1-1	6	10	4	4	7	26	14
40	~1800	~1200	24	35	16	38	54	61	114	32.6	54	92	123	17	105	4	6.5	14	38	MX1-1	6	13	4	4	8	30	16
50	~1800	~1200	26	40	16	38	66	114	32	66	61	114	32	17	105	4	8	14	46.5	MX1-2	15	12	4	4	8	51	17
65	~1800	~1000	32	45	16	30	77	63	39	38.6	69	MHX1-1	5	121	5	8	9	56	96.6	MX1-2S	15	17	4	4	9	63	17
80	~1800	~1200	40	45	17	25	99	93	39	38.6	69	M2P1-1	5	120	10	10	9	73	M13-1.5	15	22	4	4	11.5	6	46	21
100	~1800	~1000	40	55	17	25	116	61	114	42.9	91	M2P1-1	5	120	10	10	9	89	M13-1.5	15	22	4	4	11.0	6	51	23

※図中の記号式が「ドラゴ」を含む図面、最も上とローウは1、2の順に32~80の範囲で表示
※単位:mm

*取付支持形式がトランシオン形の場合、最小ストロークはチューブ内径32-80の場合3mm、100の場合5mm。

グループ [age (mm)]	f															h														
	ae	ad	t	1	5	10	15	20	30	40	50	60	70	80	90	1	5	10	15	20	30	40	50	60	70	80	90			
32	36	54	23	12.5	25	37.5	50	75	100	125	150	175	200	225	250	75	88	100	113	138	163	188	213	238	263	288	313			
40	36	54	23	12.5	25	37.5	50	75	100	125	150	175	200	225	250	75	88	100	113	138	163	188	213	238	263	288	313			
50	51	64	25	12.5	25	37.5	50	75	100	125	150	175	200	225	250	87	100	112	125	150	175	200	225	250	275	300	325			
63	51	64	25	12.5	25	37.5	50	75	100	125	150	175	200	225	250	87	100	112	125	150	175	200	225	250	275	300	325			
80	66	68	30	12.5	25	37.5	50	75	100	125	150	175	200	225	250	103	116	125	141	166	191	216	241	266	291	316	341			
100	56	76	32	12.5	25	37.5	50	75	100	125	150	175	200	225	250	103	116	125	141	166	191	216	241	266	291	316	341			

Additional information

Catalogue

[C96-Bb_EU.pdf](#)