

Stainless Steel Mini Cylinder(Basic)

Characteristics



- ◆All parts are pre-lubricated during assembly and the TEFLON material bushing is used, lubrication is not required.
- ◆The stainless steel material barrel with a great corrosion resistance and the special surface treatment could guarantee a durable working life.
- ◆High Temperature type cylinder is optional. The special seals uiton will be adopted to be suitable up to 150°C.
- ◆A complete range of accessories is available to meet all kind of demand.
- ◆All cylinders can be supplied as standard with magnetic pistons for use with switch sensors.

Product Code System

EMA — CM 25 x 75 — S — LB

型号 后盖型式 缸径 行程 感应磁环 固定型式

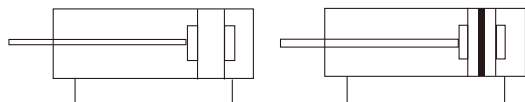
基本型 空白:摆尾型 U:平尾型 CM:圆尾型 空白:基本型 LB:前后固定式 FA:前法兰式 SDB:后摆式

EMA — CM 25 x 75 — S — LB

Model Rear Lid Pattern Inner Diameter Stroke Inductive Magnetic Ring Mounting Type

Basic Blank:single Clevis Type U:Front Flange Type CM:Axial Foot Type S:With magnetic ring Blank:Without magnetic ring LB:Front And Rear Fixation FA:Front Flange SDB:Rear Wiggle

Symbol



Example

▲For order of the double acting LB fixed pattern stainless steel mini cylinder which the inner diameter is 20mm , the stroke is 75mm , the magnetic ring is attached to , the rid pattern is single clevis type, the correct order code is :EMA - 20 x 75 - S - LB

Specification

缸径/ Inner Diameter (mm)	16	20	25	32	40
动作型式/ Action	双作用型/ Double Acting				
工作介质/ Fluid	经过滤的压缩空气/ The constrigent after filtered				
固定型式/Fixing Type	基本型/ Basic LB FA SDB				
使用压力范围/ Range of Working Pressure MPa	0.05~0.9				
保证耐压力/ Proof Press MPa	1.35				
使用温度范围 / Operating Temp °C	-5~70				
使用速度范围 / Piston Speed mm/s	50~800				
缓冲型式/ Cushion	固定式缓冲/ Fixing Cushion				
接管螺纹 / Port Thread	M5 x 0.8		G1/8		

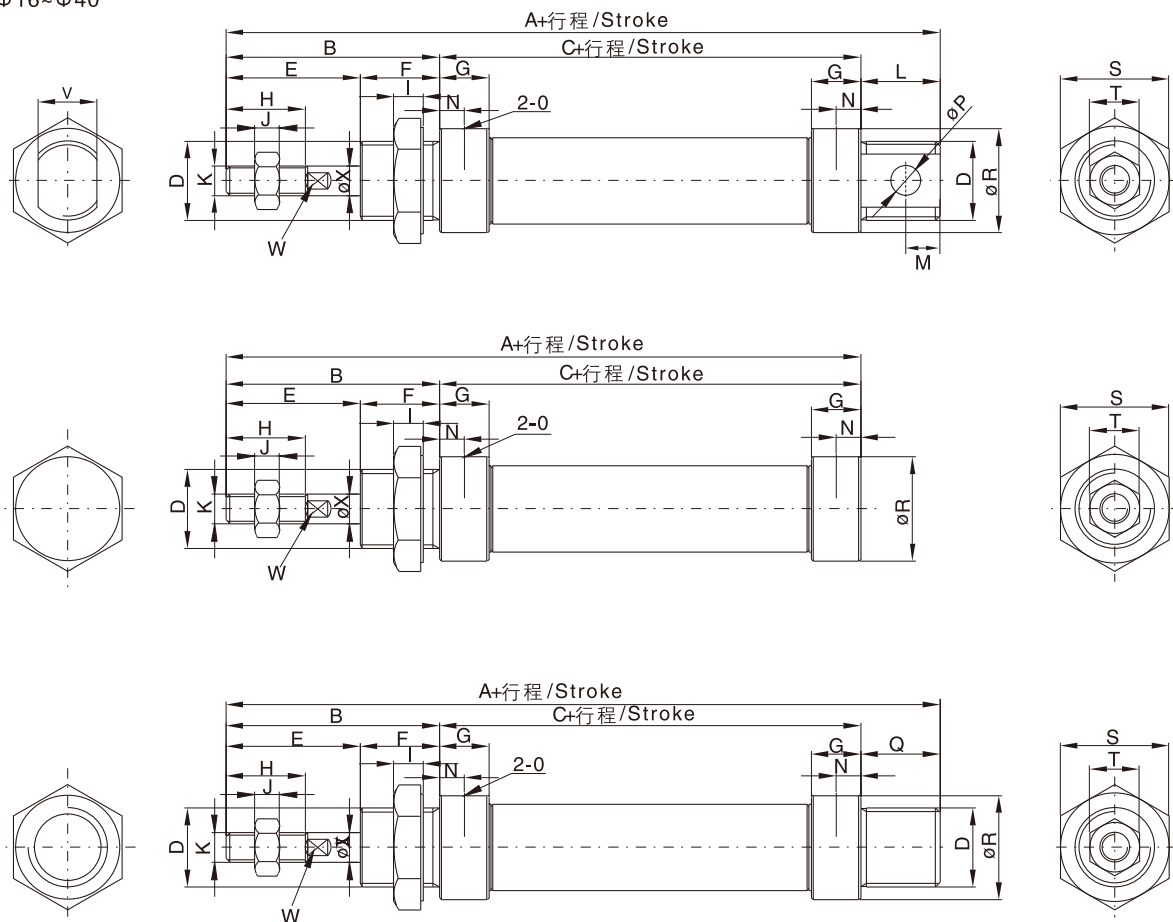
Cylinder Stroke

缸径/ Inner Diameter(mm)	标准行程/ Standard Stroke	最大行程/ Max Stroke	容许行程/ Permissible Stroke
16	25 50 75 80 100 125 150 160 175 200	300	500
20	25 50 75 80 100 125 150 160 175 200 250 300	500	650
25	25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500	500	650
32	25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500	500	650
40	25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500	500	650

■ Dimensions

EMA

Φ16~Φ40

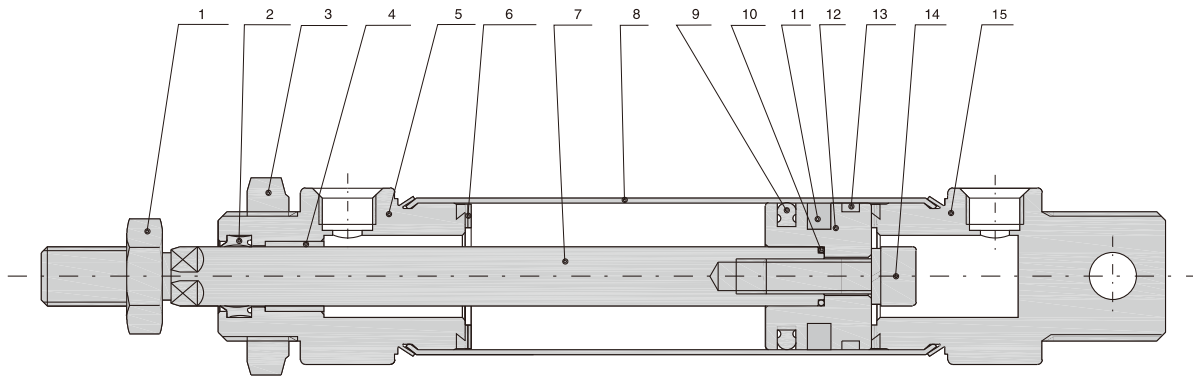


EMA

缸径 Inner Dia.	符号 Code	A			B	C	E	F	G	H	I	D	K	J
	型式 Type	摆 尾 single Clevis	圆 尾 Axial Foot	平 尾 Front Flange										
16		114	114	98	38	60	22	16	10	16	6	M16 × 1.5	M6 × 1	5
20		137	128	116	40	76	28	12	16	20	7	M22 × 1.5	M8 × 1.25	6
25		141	134	120	44	76	30	14	16	22	7	M22 × 1.5	M10 × 1.25	6
32		147	134	120	44	76	30	14	16	22	8	M24 × 2	M10 × 1.25	6
40		149	136	122	46	76	32	14	16.7	24	9	M30 × 2	M12 × 1.25	7

缸径 Inner Dia.	符号 Code	L	O	N	M	P	Q	R	S	T	W	V	X
16		16	M5 × 0.8	5	9	6	16	21	22	10	5	12	6
20		21	G1/8	8	12	8	12	27	29	12	6	16	8
25		21	G1/8	8	12	8	14	30	29	17	8	16	10
32		27	G1/8	8	15	10	14	35	32	17	10	16	12
40		27	G1/8	8.3	15	12	14	41.6	41	19	14	20	16

Structure Chart



序 号	1	2	3	4	5	6	7
名 称	活塞杆螺母	防尘密封圈	前盖螺母	导套	前盖	缓冲圈	活塞杆
材 料	低碳钢	NBR	低碳钢	复合材料	铝合金	塑料	中碳钢

序 号	8	9	10	11	12	13	14	15
名 称	缸筒	组合密封圈	活塞杆O型圈	磁环	活塞	支承环	内六角螺钉	后盖
材 料	不锈钢	NBR	NBR	磁塑	铝合金	复合材料	低碳钢	铝合金

No.	1	2	3	4	5	6	7
Description	Piston Rod Nut	Dustproof Seal Ring	Front Cover Nut	Guide Sleeve	Front Cover	Buffer Ring	Piston Rod
Material	Mild Steel	NBR	Mild Steel	Composite Material	Aluminum Alloy	Plastic	Medium Carbon Steel

No.	8	9	10	11	12	13	14	15
Description	Cylinder	Combined Seal Ring	Piston Rod O-ring	Magnetic Ring	Piston	Support Ring	Allen Screw	Rear Cover
Material	Stainless Steel	NBR	NBR	Plastic	Aluminum Alloy	Composite Material	Mild Steel	Aluminum Alloy