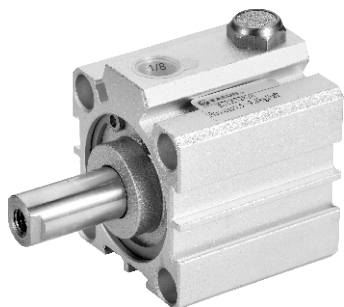


Compact Cylinder(Pre-Extended)



Characteristics

- ◆ On condition of preserving the motive accuracy and product's viability, its full length is only 1/2~1/3 of the ordinary cylinders.
- ◆ It uses the embedded mounting method and fulfills the requirement of space-saving with no need for any fittings.
- ◆ It utilizes the easy assemble means for its design which is convenient for the assemblies, removal, repair and maintenance.
- ◆ It leaves in advance an assembly slot in the cylindrical ex-circle in order to make it extremely simple for installing, adjusting the position of the reed switch.

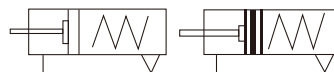
Product Code System

EST	A	S	—	20	×	50	—	B
型号/Model	单作用	感应磁环		缸径		行程		活塞杆螺纹
Pre-Extended		S: 带磁环 Blank: 不带磁环		Inner Diameter		Stroke		Blank: 内螺纹 B: 外螺纹 N: 无螺纹
		Inductive Magnetic Ring						Screw Thread
		S: With magnetic ring						Blank: Internal thread
		Blank: Without magnetic ring						B: External thread
								N: No thread

Example

▲ For order of the single acting pre-extended compact cylinder which the inner diameter is 32mm, the stroke is 20mm, the magnetic ring is attached to, the piston rod has external screw thread, the correct order code is : ESTAS - 32 x 20 - B

Symbol



Specification

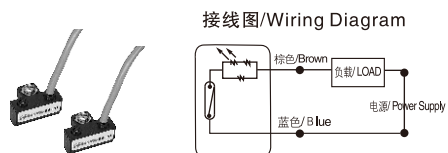
缸径/ Inner Diameter (mm)	12	16	20	25	32	40
动作型式/ Action	单作用预伸型/ Single Acting Pre-Extended					
工作介质/ Fluid	经过滤的压缩空气/ The constrigent after filtered					
使用压力范围/ Range of Working Pressure MPa	0.2~0.9					
保证耐压力/ Proof Press MPa	1.35					
使用温度范围 / Operating Temp °C	-5~70					
使用速度范围 / Piston Speed mm/s	100~500					
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)	12	16	20	25	32	40
无磁环 Without magnetic ring	5~30mm 每5mm一级 5mm for each grade	5~30mm 每5mm一级 5mm for each grade	5~30mm 每5mm一级 5mm for each grade	5~30mm 每5mm一级 5mm for each grade	5~30mm 每5mm一级 5mm for each grade	5~30mm 每5mm一级 5mm for each grade
带磁环 With magnetic ring	5~30mm 每5mm一级 5mm for each grade	5~30mm 每5mm一级 5mm for each grade	5~30mm 每5mm一级 5mm for each grade	5~30mm 每5mm一级 5mm for each grade	5~30mm 每5mm一级 5mm for each grade	5~30mm 每5mm一级 5mm for each grade
最大行程/ Maximum Stroke	30mm	30mm	30mm	30mm	30mm	30mm

※特殊行程请与本公司联系
※Please contact us if you want special stroke cyliner

Reed Switch



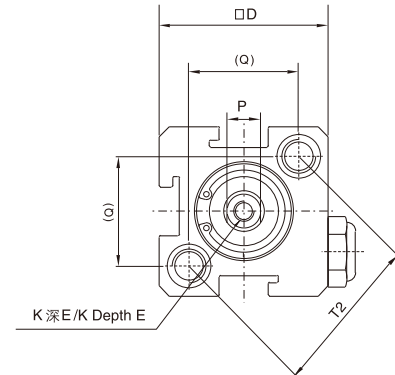
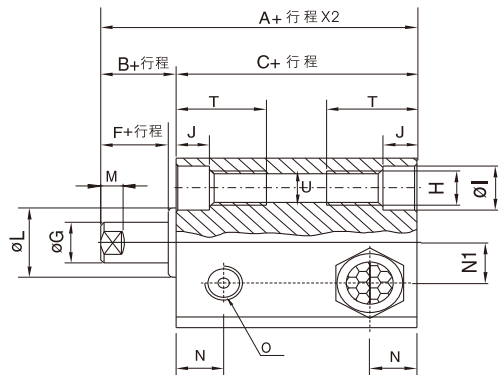
Specification

型号 Type	开关逻辑 Switch Logic	磁性开关型式 Switch Pattern	使用电压 Load Voltaged	最大开关电流 Max current	最大接点容量 Max Capacity	指示灯 Indicator Light	感应灵敏度 Sensitivity	最大开关切换频率 Max Switching Frequency	使用温度范围 Operating Temp	防护等级 Protection Grade
ES-11	SPST 常开型 Normal Open	有接点 磁簧管型 Has crutide magnetic spring pipe type	5~240V DC/AC	100mA (最大值) (Max)	10W (最大值) (Max)	红色 LED Red LED	60 高斯 Gauss	200HZ	-10~70℃	IP67 (NEMA6)

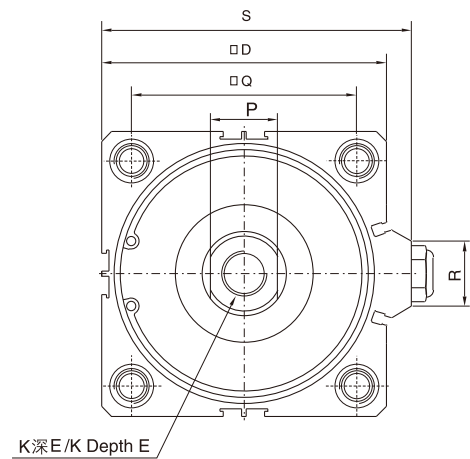
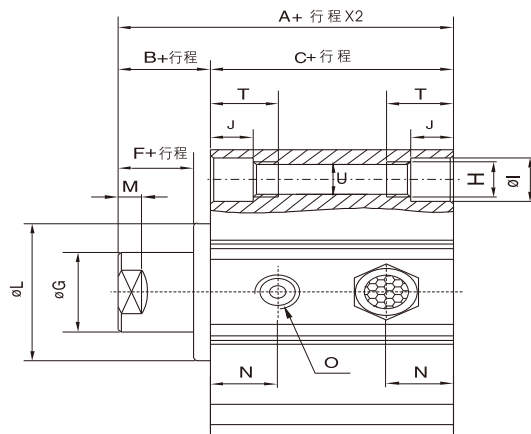
Dimensions

ESTA

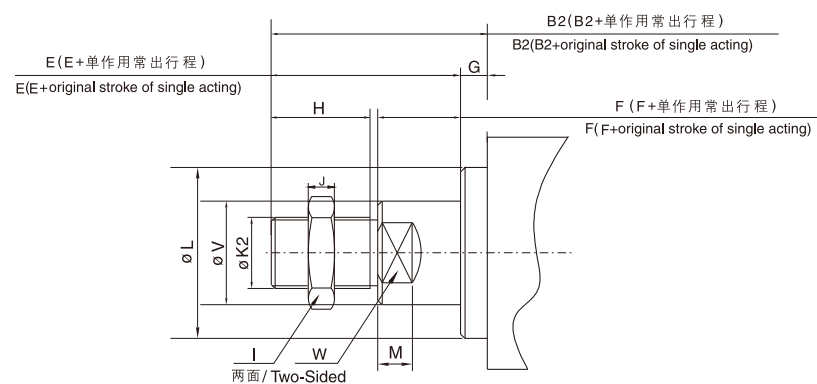
ø12~ø16



ø20~ø40



External Thread



ESTA

型式/ Type		不带磁环/ Without Magnetic Ring				带磁环/ With Magnetic Ring					O	H	D	U		
缸径 Inner Dia.	符号 Code	A		B	C		A		B	C						
	行程/ Stroke	≤10	> 10		≤10	> 10	≤10	> 10		≤10					> 10	
		12	32	42	5	27	37	42	52	5	37	47	M5×0.8	M5×0.8	25	4.2
		16	34	44	5.5	28.5	38.5	44	54	5.5	38.5	48.5	M5×0.8	M5×0.8	29	4.2
		20	35	45	5.5	29.5	39.5	45	55	5.5	39.5	49.5	M5×0.8	M5×0.8	34	4.2
		25	37	47	6	31	41	47	57	6	41	51	M5×0.8	M6×1	40	4.6
		32	41.5	51.5	7	34.5	44.5	51.5	61.5	7	44.5	54.5	G1/8	M6×1	44	4.6
		40	43	53	7	36	46	53	63	7	46	56	G1/8	M8×1.25	52	6.5

缸径 Inner Dia.	符号 Code	E	K	F	G	I	J	L	M	N	P	Q	R	S	T2	N1	T
12	6	M3×0.5	4	6	6.5	4.5	10.2	2.8	6.3	5	16.2	—	—	23	6	12	
16	6	M3×0.5	4	6	6.5	4.5	11	2.8	7.3	5	19.8	—	—	28	6.5	12	
20	8	M4×0.7	4	8	6.5	4.5	15	2.8	7.5	6	24	10	36	—	—	14	
25	10	M5×0.8	4	10	8.2	5.5	17	2.8	8	8	28	10	42	—	—	15	
32	12	M6×1	4	12	8.2	5.5	22	2.8	9	10	34	15	50	—	—	16	
40	12	M8×1.25	4	16	10	7.5	28	2.8	10	14	40	16	58.5	—	—	20	

External Thread

缸径 Inner Dia.	符号 Code	B2	E	F	G	H	I	J	K2	L	M	V	W
12		17	16	4	1	10	8	4	M5×0.8	10.2	2.8	6	5
16		17.5	16	4	1.5	10	8	4	M5×0.8	11	2.8	6	5
20		20.5	19	4	1.5	13	10	5	M6×1.0	15	2.8	8	6
25		23	21	4	2	15	12	6	M8×1.25	17	2.8	10	8
32		25	22	4	3	15	17	6	M10×1.25	22	2.8	12	10
40		35	32	4	3	25	19	8	M14×1.5	28	2.8	16	14