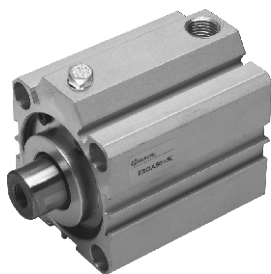


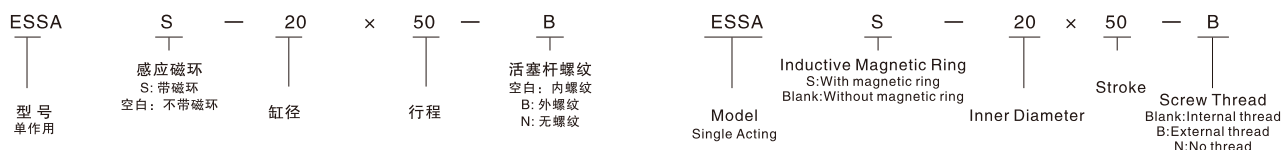
Compact Cylinder(Pre-Retracted-Out)



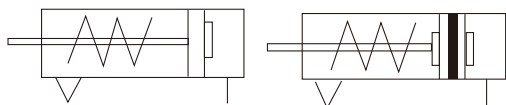
Characteristics

- ◆ 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 assembles, 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



Symbol



Example

▲ For order of the single acting pre-retracted-out 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 :
ESSAS - 32 x 20 - B

Specification

缸径/ Inner Diameter (mm)	12	16	20	25	32	40
动作型式/ Action	单作用预缩型/ Single Acting Pre-Retracted-Out					
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	M5×0.8				G1/8	

Cylinder Stroke

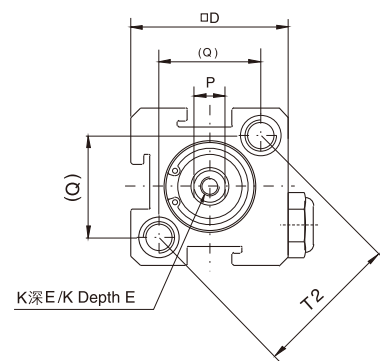
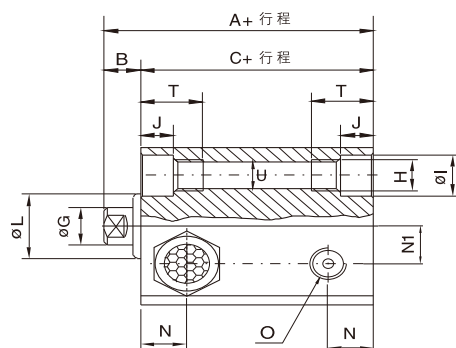
缸径 / Inner Diameter (mm)	12	16	20	25	32	40
单作用型 Single Acting	无磁环 Without magnetic ring		5~30mm 每5mm一级 5mm for each grade	5~30mm 每5mm一级 5mm for each grade	5~30mm 每5mm一级 5mm for each grade	5~30mm 每5mm一级 5mm for each grade
	带磁环 With magnetic ring		5~30mm 每5mm一级 5mm for each grade	5~30mm 每5mm一级 5mm for each grade	5~30mm 每5mm一级 5mm for each grade	5~30mm 每5mm一级 5mm for each grade
最大行程/ Maximum Stroke		30mm	30mm	30mm	30mm	30mm

※Please contact us if you want special stroke cylinder

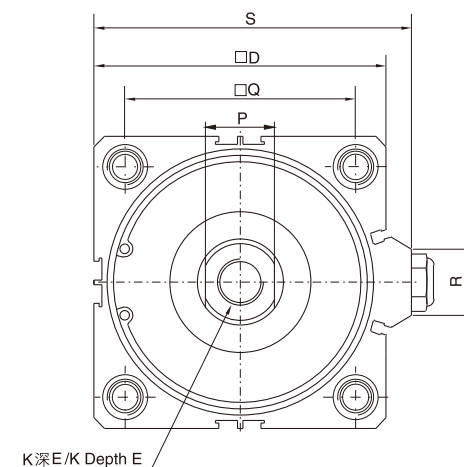
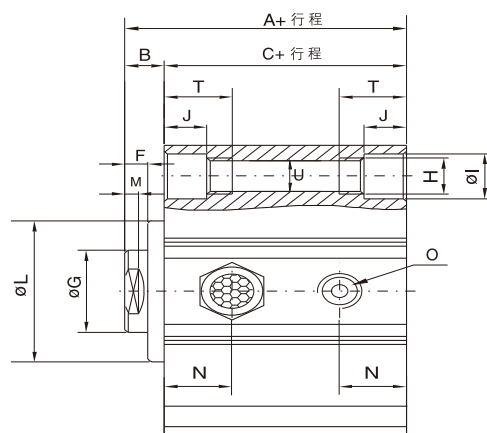
■ Dimensions

ESSA

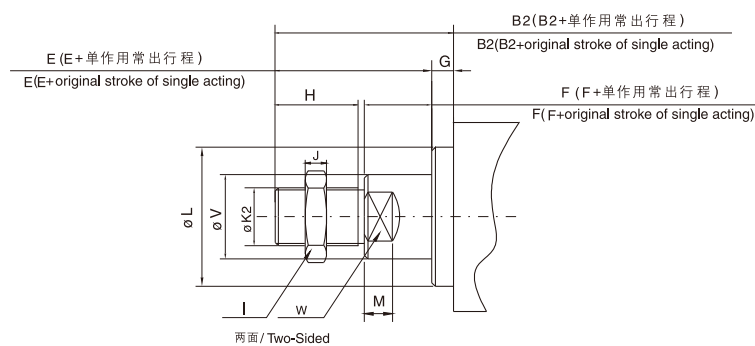
ø12~ø16



ø20~ø40



External Thread



ESSA

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

符号 Code 缸径 Inner Dia.	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

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