



IAS 25x50-S

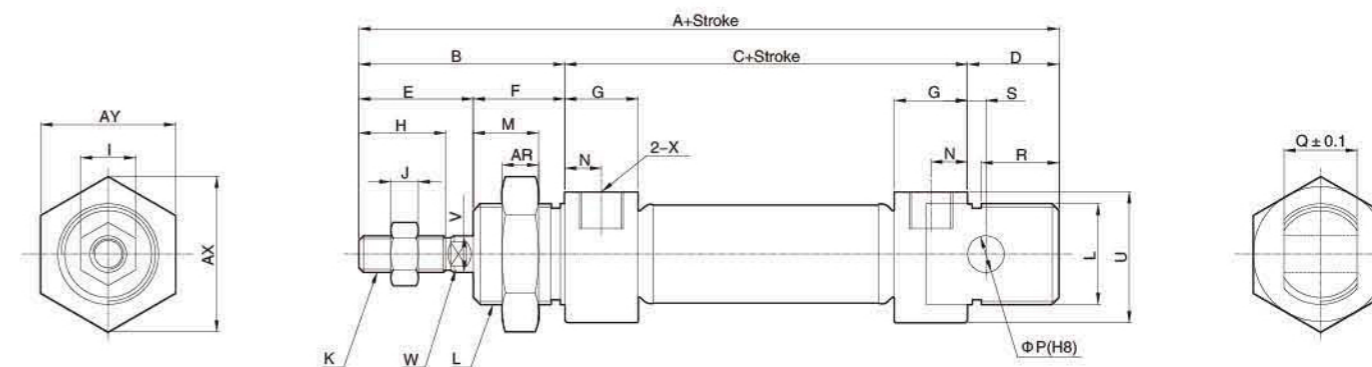
Specifications

Bore Size(mm)	12	16	20	25	32	40
Acting type	Double Acting / Single Acting					
Working medium	Clean Air (40 μ filtration)					
Mounting type	IFA ISDB ILB					
Working pressure (Bar)	1-9.0					
Max. working pressure (Bar)	13.5					
Working temperature (°C)	0-80 (dry air-20)					
Speed range (mm/s)	10-1000					
Cushion type	16mm-25mm are with adjustable cushion, other size cushion is optional					
Material	IAS: Stainless steel barrel, IAL: aluminum barrel, PTFE seal					
Port Size	M5 x 0.8		G 1/8		G1/4	

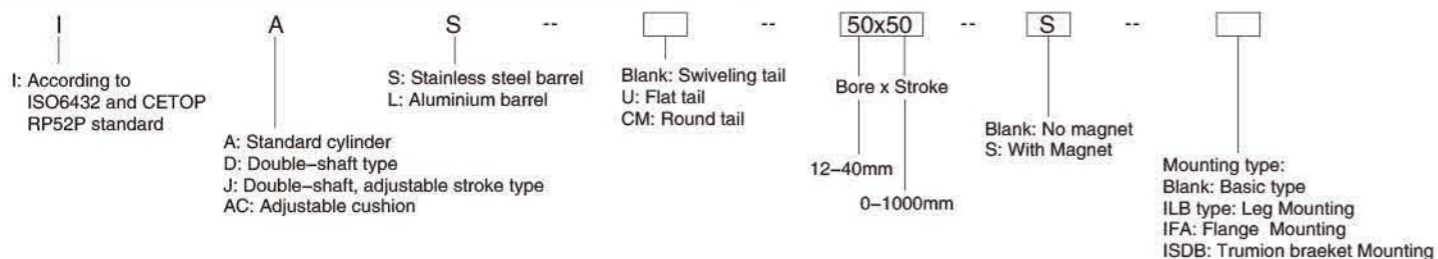
Product Features

- * Normal with aluminum cover and stainless steel barrel, aluminium barrel is optional.
- * 12mm-25mm are according to ISO6432 and CETOP RP52P standard, 32mm-40mm are E.MC standard.
- * 16mm-25mm are with adjustable cushion, other size cushion is optional
- * I series mini cylinder can be easily changed to different appearance according to customers requirement
- * With self-lubricating bearing, the piston rod is lubrication free.
- * Magnet and sufficient Fixing styles are available.

Main dimensions



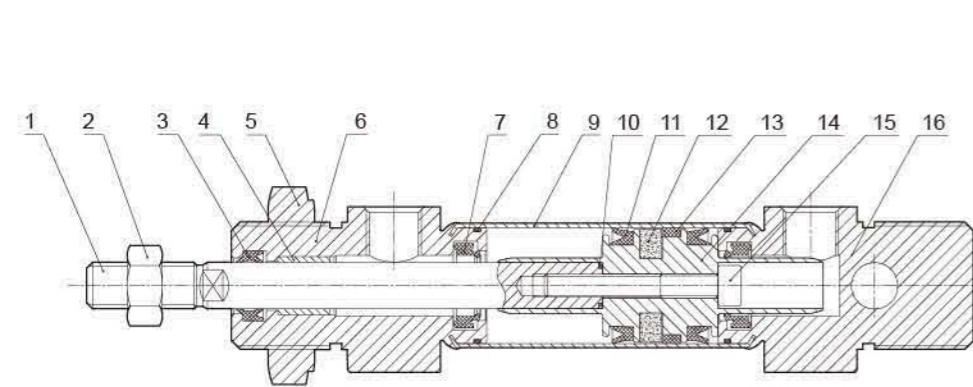
How to Order?



Order example:

- * I Series Cylinder Stainless Steel Barrel, 12mm bore, 50mm storke, Model: IAS 12X50
- * I Series Cylinder Stainless Steel Barrel, Adjustable cushion, 25mm bore, 70mm stroke, with magnet, Model: IACS 25X70-S

Internal structure



Φ16-Φ25

No	Designation
1	Piston Rod
2	Piston Rod Nut
3	Head Cap Seal
4	Self-lubricating Bearing
5	Hexagon Screw
6	Head Cap
7	Cushion Ring
8	O-ring
9	Barrel
10	O-ring
11	Y-ring
12	Magnet (Optional)
13	Wear Ring
14	Piston
15	Screw
16	Rear End Cap

Bore/Sign	A	B	C	D	E	F	G	H	I	J	K	L
12	105	38	50	17	21	17	10.5	14.5	10	5	M6	M16*1.5
16	112	39	56	17	22	17	11	14.5	10	5	M6	M16*1.5
20	133	45	68	20	25	20	16	18	14	6	M8	M22*1.5
25	142	52	68	22	30	22	16	20	17	6	M10*1.25	M22*1.5

M	N	P	Q	R	S	U	V	W	X	AR	AX	AY
12	8	6	12	15	3	18.5	6	5	M5	8	27	24
12	6	6	12	13.5	3.5	21	6	5	M5	8	27	24
15	8	8	16	17	3	28.6	8	6	G1/8	10	35	31
15	8	8	16	18.5	3.5	28.6	10	8	G1/8	10	35	31