

How to order?

Series No	Type No	Bore X	Stroke	Adjustable Stroke	Magnet No	Thread Type
EU	Blank: Basic type D: Double shaft type J: Double shaft and adjustable stroke type SA: Single acting spring extend SB: Single acting spring return	6 10 16 ...	5 10 15 ...	10 20 30	Blank: No magnet S: With magnet	Blank: G P: PT T: NPT
		32	80			

Order Example:
EU Series single acting spring return cylinder, 32mm bore, 30mm stroke, with magnet, NPT thread. ERP code is: EUSB 32X30-S-T

Specifications

Bore(mm)	6	10	16	20	25	32
Acting type	Double acting/Single acting					
Working medium	Clean air(40 μ m filtration)					
Working pressure(MPa)	0.1~1.0(Double acting) / 0.2~1.0(Single acting)					
Guaranteed pressure(Mpa)	1.5					
Working temperature(°C)	-20~80(no freezing)					
Speed range(mm/s)	30~500					
Cushion type	Rubber cushion					
Port size	M5 x0.8					1/8"

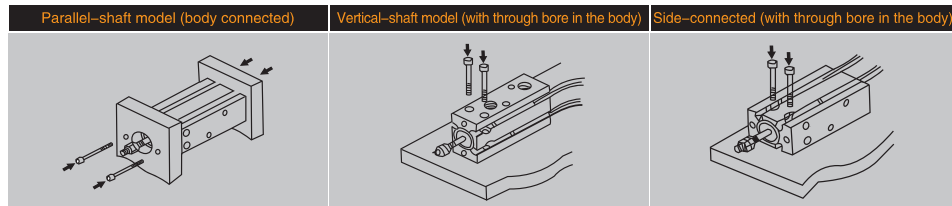
Note:NPT, PT port size is optional.

Stroke

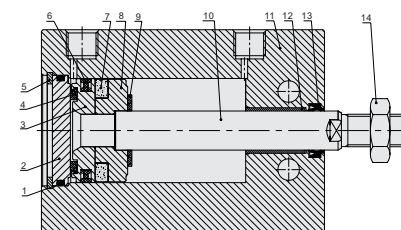
Bore(mm)	Standard Stroke (mm)							Max.Stroke (mm)
6	5	10	15	20	25	30	35	35
10	5	10	15	20	25	30	35	40
16	5	10	15	20	25	30	40	60
20	5	10	15	20	25	30	40	50
25	5	10	15	20	25	30	40	50
32	5	10	15	20	25	30	40	50

Note: 1. The maximum range of non - standard stroke is adjusted from the next longer stroke(add gasket inside), which has the same dimensions as the next longer stroke std.stroke cylinder.
e.g.23mm non-standard stroke cylinder is adjusted from 25 standard stroke cylinder, they have the same dimensions.
2. When ordering the stroke is greater than the Max.stroke, please contact the company.

Installation

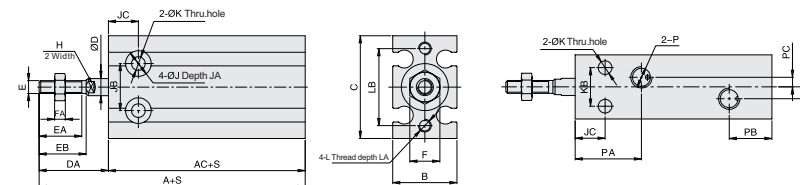


Internal Structure



No.	Part Name	Material
1	O-ring	NBR
2	Rear cover	Aluminum alloy
3	Piston	Aluminum alloy
4	Anti-bump cushion	TPU
5	C type retainer ring	Spring steel
6	Piston seal	NBR
7	Magnet	NdFeB
8	Magnet base	Aluminum alloy
9	Anti-bump cushion	TPU/NBR
10	Piston rod	Stainless steel
11	Barrel	Aluminum alloy
12	Bearing	Compound material
13	Piston rod seal	TPU/NBR
14	Nut	Carbon steel

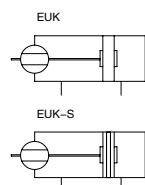
Dimensions



Bore/Sign	A(No magnet)	A(With magnet)	AC(No magnet)	AC(With magnet)	B	C	D	DA	E	EA	EB
6	46	46	33	33	13	22	3	13	M3X0.5	7	8
10	52	52	36	36	15	24	4	16	M4X0.7	10	11
16	46	56	30	40	20	32	6	16	M5X0.8	11	12.5
20	55	65	36	46	26	40	8	19	M6X1.0	12	14
25	63	73	40	50	32	50	10	23	M8X1.25	15.5	18
32	69	79	42	52	40	62	12	27	M10X1.25	19.5	22

Bore/Sign	F	FA	H	J	JA	JB	JC	K	KB	L	LA	LB	P	PA	PB	PC	PD
6	5.5	2.5	-	5.8	4.5	10	7	3.2	7	M3X0.5	5	17	M5X0.8	15	10	-	-
10	7	3	-	5.8	4.8	11	7	3.2	9	M3X0.5	5	18	M5X0.8	15.5	10	-	-
16	8	4	5	7.5	6.5	14	7	4.3	12	M4X0.7	6	25	M5X0.8	15.5	11.5	2	2
20	10	5	6	9.5	8	16	9	5.5	16	M5X0.8	8	30	M5X0.8	21	10	4.5	5.5
25	12	6	8	9.5	9	20	10	5.5	20	M5X0.8	8	38	M5X0.8	23	10	4.5	6
32	17	6	10	11	11.5	24	11	6.6	24	M6X1.0	9	48	1/8"	23	12.5	4.5	9

Note:When bore is φ6、10mm,EU cylinder with double nuts.



How to order?

Series No	Type No	Bore X	Stroke	Adjustable Stroke	Magnet No	Thread Type
EUK	Blank: Basic type D: Double shaft type J: Double shaft and adjustable stroke type SA: Single acting spring extend SB: Single acting spring return	10 16 32	5 10 15 ... 80	10 20 30	Blank: No magnet S: With magnet	Blank: G

Order Example:
EUK Series basic type cylinder, 32mm bore, 30mm stroke, with magnet, G thread, ERP code is: EUK 32X30-S

Specifications

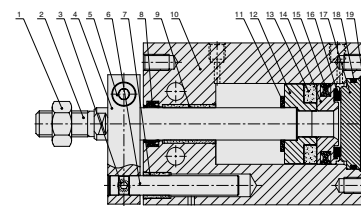
Bore(mm)	10	16	20	25	32
Acting type	Double acting/Single acting				
Working medium	Clean air(40 μm filtration)				
Working pressure(MPa)	0.1~1.0(Double acting) / 0.2~1.0(Single acting)				
Guaranteed pressure(Mpa)	1.5				
Working temperature(°C)	-20~80(no freezing)				
Speed range(mm/s)	Double acting: 30~500 Single acting: 50~500				
Stroke tolerance(mm)	+1.0 0				
Cushion type	Bumper				
Port size	M5 x0.8				G1/8"

Stroke

Bore(mm)	Standard stroke (mm)								Max. stroke (mm)
	5	10	15	20	25	30	35	40	
10	5	10	15	20	25	30	35	40	40
16	5	10	15	20	25	30	40	50	60
20	5	10	15	20	25	30	40	50	60
25	5	10	15	20	25	30	40	50	60
32	5	10	15	20	25	30	40	50	60

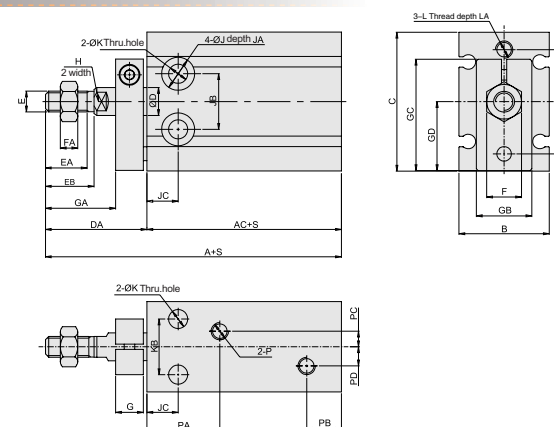
Note: 1. The dimensions of non-std stroke cylinder has the same dimensions as the next longer stroke std. stroke cylinder.
e.g. 23mm stroke cylinder has the same dimensions of 25 std. stroke cylinder
2. When ordering the stroke is greater than the Max. stroke, please contact the company.

Internal Structure



No.	Part Name	Material	No.	Part Name	Material
1	Nut	Carbon steel	11	Bumper	TPU/NBR
2	Piston rod	Stainless steel	12	Magnet holder	Aluminum alloy
3	Socket head screw	Carbon steel	13	Magnet	NdFeB
4	No-rotating plate	Aluminum alloy	14	Piston	Aluminum alloy
5	Hexagon socket cap screw	Carbon steel	15	Piston seal	NBR
6	Fixed rod	Stainless steel	16	Bumper	TPU
7	Self lubricating bearing	Compound material/brass	17	Rear cover	Aluminum alloy
8	Piston rod seal	TPU/NBR	18	O-ring	NBR
9	Bearing	Compound material	19	C-clip	Spring steel
10	Barrel	Aluminum alloy			

Dimensions



Bore/Sign	A(No magnet)	A(With magnet)	AC(No magnet)	AC(With magnet)	B	C	D	DA	E	EA	EB	F
10	57	57	36	36	15	24	4	21	M4X0.7	10	11	7
16	56	66	30	40	20	32	6	26	M5X0.8	11	12.5	8
20	65	75	36	46	26	40	8	29	M6X1.0	12	14	10
25	73	83	40	50	32	50	10	33	M8X1.25	15.5	18	12
32	84	94	42	52	40	62	12	42	M10X1.25	19.5	22	17

Bore/Sign	FA	G	GA	GB	GC	GD	H	J	JA	JB	JC	K	KB	L	LA	LB	P	PA	PB	PC	PD
10	3	8	12	13	20.4	11.8	-	5.8	4.8	11	7	3.2	9	M3X0.5	5	18	M5X0.8	15.5	10	-	-
16	4	8	17	13	26.3	15.7	5	7.5	6.5	14	7	4.3	12	M4X0.7	6	25	M5X0.8	15.5	11.5	2	2
20	5	8	20	16	32	19.8	6	9.5	8	16	9	5.5	16	M5X0.8	8	30	M5X0.8	21	10	4.5	5.5
25	6	10	22	19	40	24.8	8	9.5	9	20	10	5.5	20	M5X0.8	8	38	M5X0.8	23	10	4.5	6
32	6	12	29	24	49	30.8	10	11	11.5	24	11	6.6	24	M6X1.0	9	48	1/8"	23	12.5	4.5	9