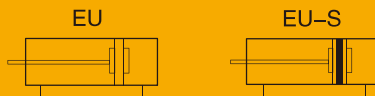


# EU Series Free Mount Cylinder



## EU

### Free Mount Cylinder



### Specifications



Bore(mm)	6	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)	30~500					
Cushion type	Rubber cushion					
Port size	M5 x 0.8					G1/8"①

① PT、NPT port size is optional.

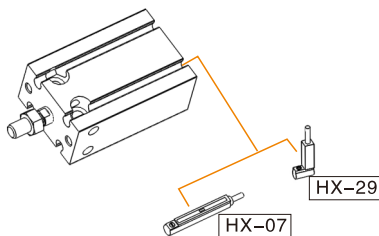
### How to Order?

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	6 10 16 ... 32	5 10 15 ... 80	10 20 30	Blank: No magnet S: With magnet	Blank: G P: PT T: NPT

#### Order Example:

EU Series basic type cylinder, 32mm bore, 30mm stroke, with magnet, NPT thread. ERP code is: EU32X30-S-T

### Optional Accessories



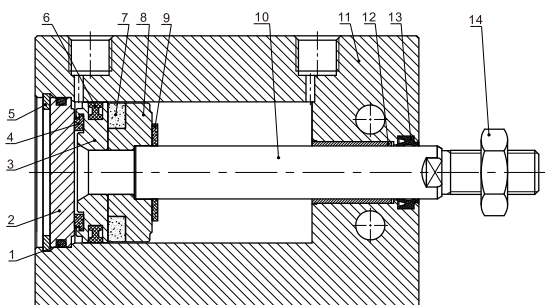
Note: Short stroke please use HX-29 series due to limited space.

### 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			40
16	5	10	15	20	25	30	40	50	60		60
20	5	10	15	20	25	30	40	50	60	70	80
25	5	10	15	20	25	30	40	50	60	70	80
32	5	10	15	20	25	30	40	50	60	70	80

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.

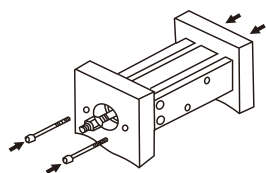
### Internal Structure



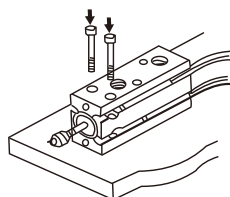
No.	Part Name	Material
1	O-ring	NBR
2	Rear cover	Aluminum alloy
3	Piston	Aluminum alloy
4	Anti-bump cushion	TPU
5	C type retainer ring	Spring steel
6	Piston seal	NBR
7	Magnet	NdFeB
8	Magnet base	Aluminum alloy
9	Anti-bump cushion	TPU/NBR
10	Piston rod	Stainless steel
11	Barrel	Aluminum alloy
12	Bearing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

## Installation

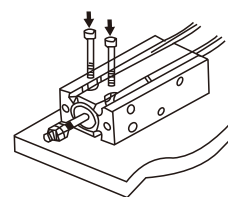
Parallel-shaft model (body connected)



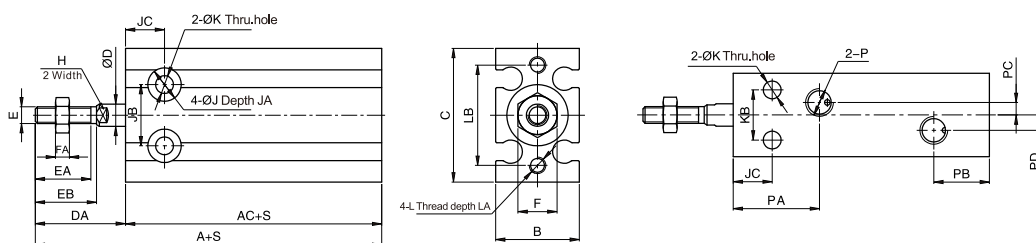
Vertical-shaft model (with through bore in the body)



Side-connected (with through bore in the body)



## Main Dimension



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  $\phi 6$ , 10mm, EU cylinder with double nuts.