

1

How to Order?

Series No	Bore	X	Stroke	Magnet No	Thread type
EN	10		25	S : With Magnet	Blank: G
	16		50		P : PT
	20		75		T : NPT
		
	32				

Order Example:

EN series double shaft cylinder, Bore 32mm, stroke 30mm, with magnet, PT thread. ERP code is: EN32X30-S-P

Product Features

- * Double shaft provide good anti-bend performance and guarantee long life cycle and correct direction
- * Suitable slot is designed for manetic sensor and fixing
- * Embedding mounting and no need other brackets, room saving
- * Easy to assemble and easy to maintain

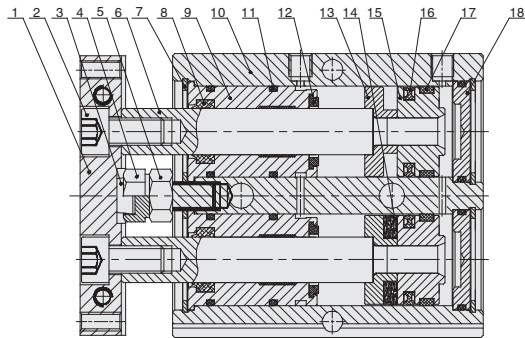
Specifications

Bore(mm)	10	16	20	25	32
Acting type	Double acting				
Working medium	Clean air (40 µm filtration)				
Working pressure (MPa)	0.1~1.0				
Guaranteed pressure (MPa)	1.5				
Working temperature (°C)	-20~80(Dry air)				
Speed range (mm/s)	30~500				
Adjusting stroke (mm)	-10~0				
Cushion type	Absorb shocks gasket				
No-return precision	±0.4°		±0.3°		
Port Size	M5x0.8				G 1/8

① NPT, PT port size is optional.

Bore (mm)	Standard stroke (mm)	Max. stroke (mm)
10	10 20 30 40 50 60 70 80 90 100	100
16-32	10 20 30 40 50 60 70 80 90 100 125 150 175 200	200

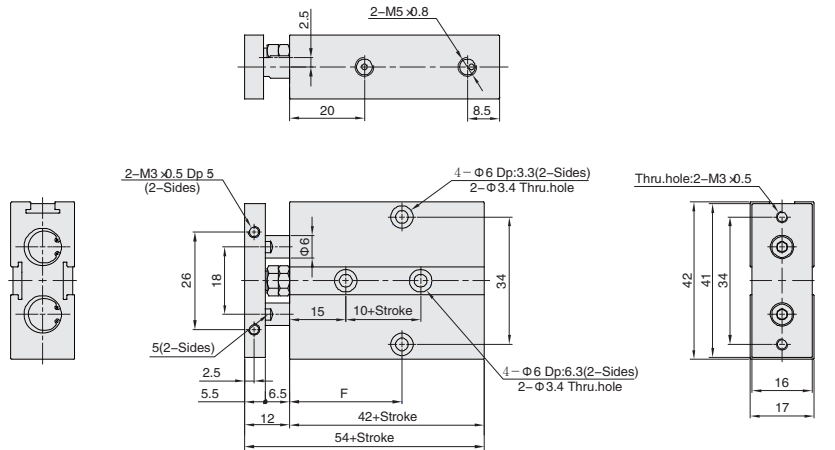
Internal structure



NO.	Part name	Material
1	Fixing plate	Aluminum alloy
2	Nut	Carbon steel
3	Bumper	POM
4	Adjustable nut	Carbon steel
5	Screw	Carbon steel
6	Piston rod	S45C hard chrome carbon steel
7	C clip	Spring steel
8	Wiper seal	NBR
9	Head cover	Aluminum alloy
10	Body	Aluminum alloy
11	O-ring	NBR
12	Anti-bump cushion	TPU
13	Magnet holder	Aluminum alloy
14	Magnet	Plastic
15	Piston	Aluminum alloy
16	Piston seal	NBR
17	Wear ring	PTFE
18	Rear cover	Aluminum alloy

Main Dimensions (mm)

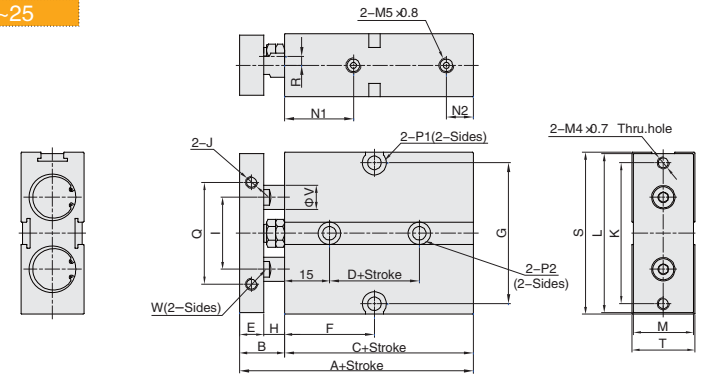
EN $\Phi 10$



Bore/Sign	10	20	30	40	50	60	70	80	90	100
F	30	30	35	40	45	50	55	60	65	70

Main Dimensions (mm)

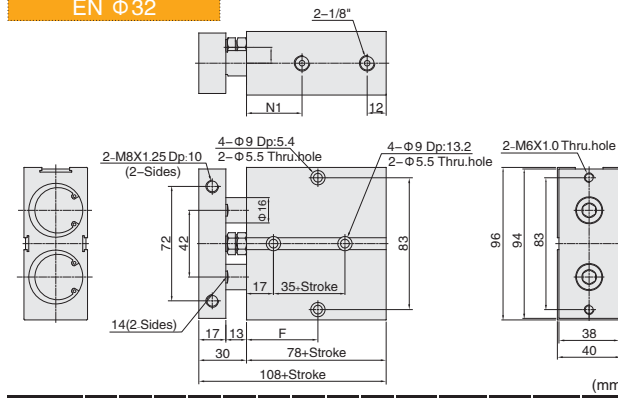
EN $\Phi 16\sim 25$



Bore/Sign	A	B	C	D	E	F										G	H	I	K				
						10	20	30	40	50	60	70	80	90	100					125	150	175	200
16	68	15	53	20	8	30	35	40	45	50	55	60	65	70	75	87.5	100	112.5	125	47	7	24	47
20	78	20	58	20	10	35	35	40	45	50	55	60	65	70	75	87.5	100	112.5	125	55	10	28	55
25	81	19	62	30	10	40	40	45	50	55	60	65	70	75	80	92.5	105	117.5	130	66	9	34	66

Bore/Sign	J	L	M	N1	N2	P1			P2			Q	R	S	T	V	W
16	M4 \times 0.7 Dp 5	53	20	23	9	$\Phi 8$ Dp:4.5 ; Thru.hole: $\Phi 4.5$			$\Phi 7.5$ Dp:7.3 ; Thru.hole: $\Phi 4.5$			34	3	54	21	8	6
20	M4 \times 0.7 Dp 5	61	24	28	9	$\Phi 8$ Dp:4.5 ; Thru.hole: $\Phi 4.5$			$\Phi 7.5$ Dp:7.5 ; Thru.hole: $\Phi 4.5$			44	3.5	62	25	10	8
25	M4 \times 0.7 Dp 6	72	29	33	9	$\Phi 8$ Dp:4.5 ; Thru.hole: $\Phi 4.5$			$\Phi 7.5$ Dp:7.5 ; Thru.hole: $\Phi 4.5$			56	6	73	30	12	10

EN $\Phi 32$



Bore/Sign	10	20	30	40	50	60	70	80	90	100	125	150	175	200
N1	35													
F	45	50	55	60	65	70	75	80	85	90	102.5	115	127.5	140

Max. weight of allowable side-load

