



## Features

1. Front cover with DU bearing, good guiding performance and wear resistance.
2. The shaft sealing material used PU material, PU material has high strength, good toughness, wear resistance, oil resistance, aging resistance, etc.
3. Riveting technology for the piston rod and piston to improve centrality.
4. There are two reverse bar positioning on each side to enhance the load capacity for smoother operation.
5. Reduced noise when running inside with rubber crash pad.

## Ordering Code

<b>T</b>	<b>C</b> <b>D</b> <b>Q2</b>	<b>C</b>	<b>32</b> x <b>30</b>	<b>MT</b>
Function Code	Inner Magnet	Mounting	Bore	Stroke
Thin type with guide cylinder	Blank: Without magnet D: With magnet	Counterbore with thread type	32 40 50 63 80 100	5-50 75, 100
				Sensor D-A93

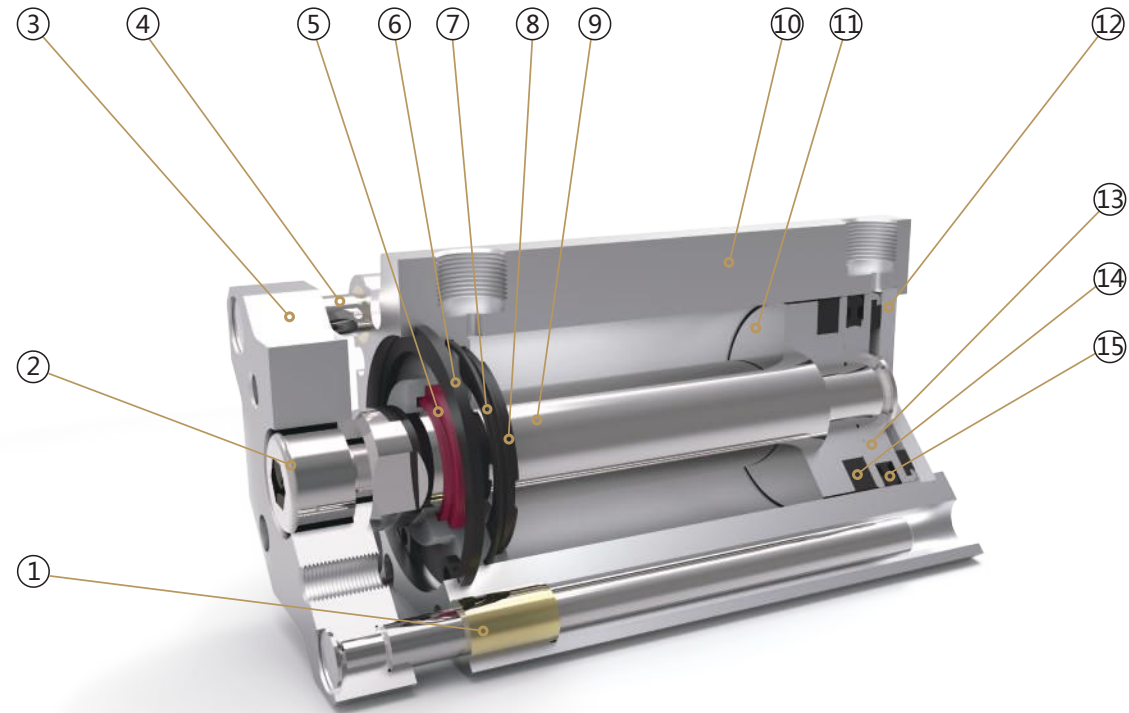
\* Standard wire length is 1 meter, please specify for other length

## Specification

Bore (mm)		32	40	50	63	80	100
Operation		Double Acting					
Working Medium		Air					
Operating Pressure Range	Double Acting	0.1 ~ 1.0MPa					
Proof Pressure		1.5MPa					
Operating Temperature Range		-20 ~ 80°C					
Operating Speed Range	Double Acting	30 ~ 500mm/s	30 ~ 350mm/s			30 ~ 250mm/s	
Port Size		G1/8		G1/4		G3/8	

- Cylinder
- Calculation
- SI
- SI A.
- SIB
- SQ
- DNT
- SC / SU
- SCT
- SC A.
- SL
- DN
- DSN
- DN/DSN A.
- MA
- MAC
- MA/MAC A.
- MAL
- MALC
- MAL/MALC A.
- SDA
- Q2
- TCQ2**
- ADN
- TADN
- PPRM
- MHL2
- Pneumatic Fingers
- MXH/MXQ
- CJP
- CJ2
- CDU
- TN
- CXS
- MGP
- MSQ

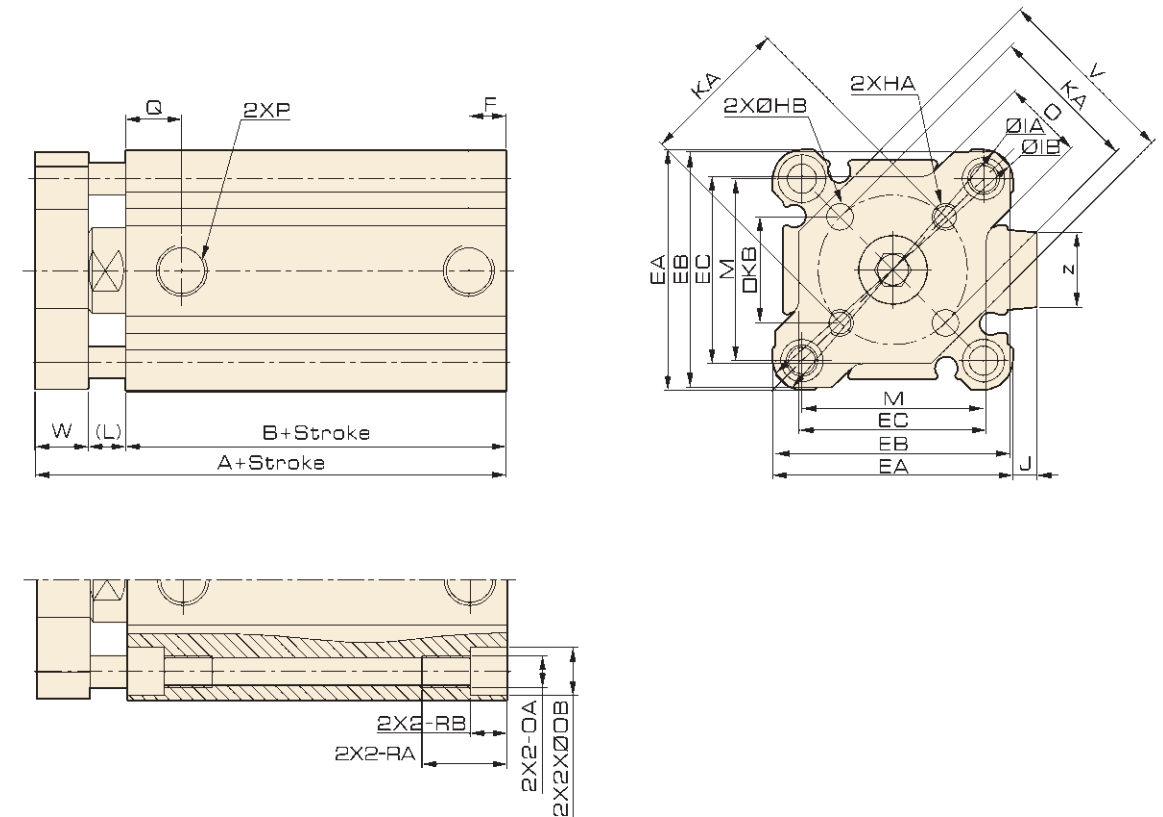
## Internal Structure



## Parts

Number	Name	Number	Name
1	Copper tube	9	Piston rod
2	Socket head screw	10	Barrel
3	Fixed plate	11	Magnet base
4	Guide rod	12	Back cover
5	Dust ring	13	Piston
6	Circlips for holes	14	Magnet
7	O ring	15	C ring
8	Anti-collision gasket		

## Overall Dimension



## Dimension

Bore/ Symbol	Stroke Range (mm)	Without magnet							With magnet							EA	EB	EC		
		A	B	F	Q	P			A	B	F	Q	P							
						-	IN	TF						-	IN	TF				
32	5			5.5	11.5	M5X0.8	-	-												
	10-50	40	23	7.5	10.5	G1/8	PT1/8	NPT1/8	50	33	7.5	10.5	G1/8	PT1/8	NPT1/8	45	44	35		
	75, 100	50	33																	
40	5-50	46.5	29.5	8	11	G1/8	PT1/8	NPT1/8	56.5	39.5	8	11	G1/8	PT1/8	NPT1/8	52	51.5	38		
	75, 100	56.5	39.5																	
	5-50	50.5	30.5	10.5	10.5	G1/4	PT1/4	NPT1/4	56.5	39.5	10.5	10.5	G1/4	PT1/4	NPT1/4	62	61	48.5		
50	75, 100	60.5	40.5																	
	5-50	56	36	10.5	15	G1/4	PT1/4	NPT1/4	66	46	10.5	15	G1/4	PT1/4	NPT1/4	77	76	59		
	75, 100	66	46																	
63	5-50	67.5	43.5	12.5	16	G3/8	PT3/8	NPT3/8	77.5	53.5	12.5	15	G3/8	PT3/8	NPT3/8	98	97	75		
	75, 100	77.5	53.5																	
	5-50	79	53	13	23	G3/8	PT3/8	NPT3/8	89	63	13	23	G3/8	PT3/8	NPT3/8	117	116	92.5		
100	75, 100	89	63																	

Bore/Symbol	HA	OA	HB	IA	IB	J	KA	KB	L	M	N	OB	RA	RB	V	W	Z	O
32	M5X0.8	M6X1.0	5 <sup>+0.2</sup> <sub>0</sub>	60	58.5	4.5	28±0.02	19.8	7	34	5.5	9	17	7	35	10	14	15
40	M5X0.8	M6X1.0	5 <sup>+0.2</sup> <sub>0</sub>	69	67.5	5	33±0.02	23.3	7	40	5.5	9	17	7	42	10	14	15
50	M6X1.0	M8X1.25	6 <sup>+0.2</sup> <sub>0</sub>	86	84.5	7	42±0.02	29.7	8	50	6.6	11	22	8	54.5	12	19	16
63	M6X1.0	M10X1.5	6 <sup>+0.2</sup> <sub>0</sub>	103	100	7	50±0.02	35.4	8	60	9	14	28.5	10.5	68	12	19	19
80	M8X1.25	M12X1.75	8 <sup>+0.2</sup> <sub>0</sub>	132	129	6	65±0.02	46	10	77	11	17.5	35.5	13.5	86	14	25	22
100	M10X1.5	M12X1.75	10 <sup>+0.2</sup> <sub>0</sub>	156	153	6.5	80±0.02	56.6	10	94	11	17	35.5	13.5	108	16	25	25

Cylinder  
Calculation  
SI  
SI A.  
SIB  
SQ  
DNT  
SC / SU  
SCT  
SC A.  
SL  
DN  
DSN  
DN/DSN A.  
MA  
MAC  
MA/MAC A.  
MAL  
MALC  
MAL/MALC A.  
SDA  
CQ2  
TCQ2  
ADN  
TADN  
PPRM  
MHL2  
Pneumatic  
Fingers  
MXH/MXQ  
CJP  
CJ2  
CDU  
TN  
CXS  
MGP  
MSQ

Cylinder  
Calculation  
SI  
SI A.  
SIB  
SQ  
DNT  
SC / SU  
SCT  
SC A.  
SL  
DN  
DSN  
DN/DSN A.  
MA  
MAC  
MA/MAC A.  
MAL  
MALC  
MAL/MALC A.  
SDA  
CQ2  
TCQ2  
ADN  
TADN  
PPRM  
MHL2  
Pneumatic  
Fingers  
MXH/MXQ  
CJP  
CJ2  
CDU  
TN  
CXS  
MGP  
MSQ