

**TN Series Double-Shaft Cylinder**

Ordering Code



TN 20 x 25

**TN** Series Code  
Double-Shaft  
Double Action Type

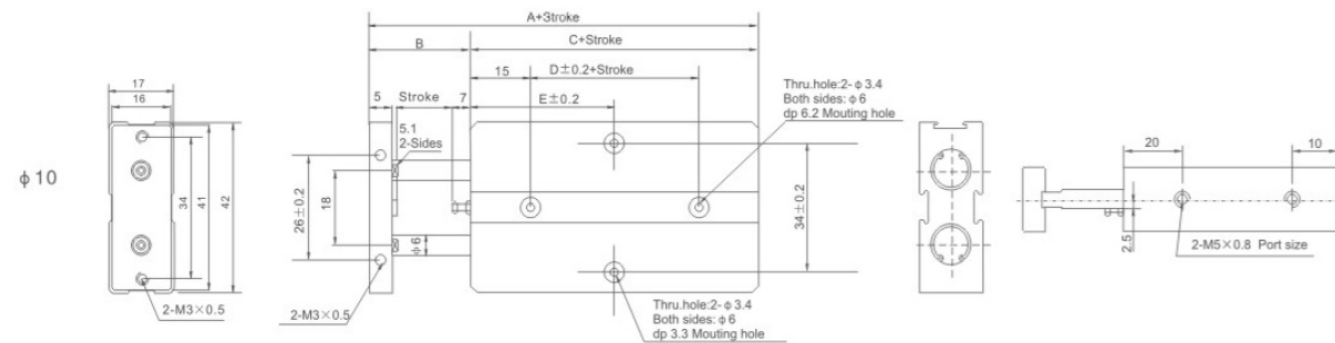
**20** × **50** Cylinder Bore  
10mm  
16mm  
20mm  
25mm  
32mm

**S** Stroke  
Magnet Code  
Blank: Without Magnet  
S: Attach Magnet

Specification

Bore(mm)	10	16	20	25	32
Motion Pattern	Double action				
Working Medium	Air				
Operating Pressure Range	1~9kgf/cm <sup>2</sup>				
Ensured Pressure Resistance	10.5kgf/cm <sup>2</sup>				
Operating Temperature Range	-5~+70°C				
Operating Speed Range	100~500mm/s				
Adjustable Stroke	-10~0mm				
Cushion Type	Adjustable Cushion				
Non-rotating Precision	0.4°C		0.3°C		
Port Size	M5×0.8			G1/8"	

Overall Dimensions

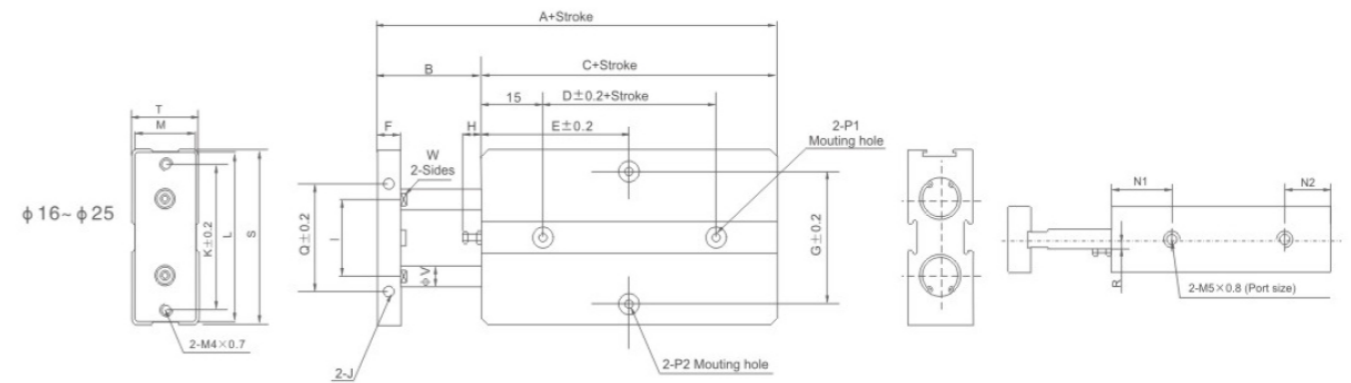


Dimension Sheet

Bore size Item	A	B	C	D	E						
					10	20	30	40	50	60	70
10	63	12	51	10	30	30	35	40	45	50	55

**TN Series Double-Shaft Cylinder**

Overall Dimensions

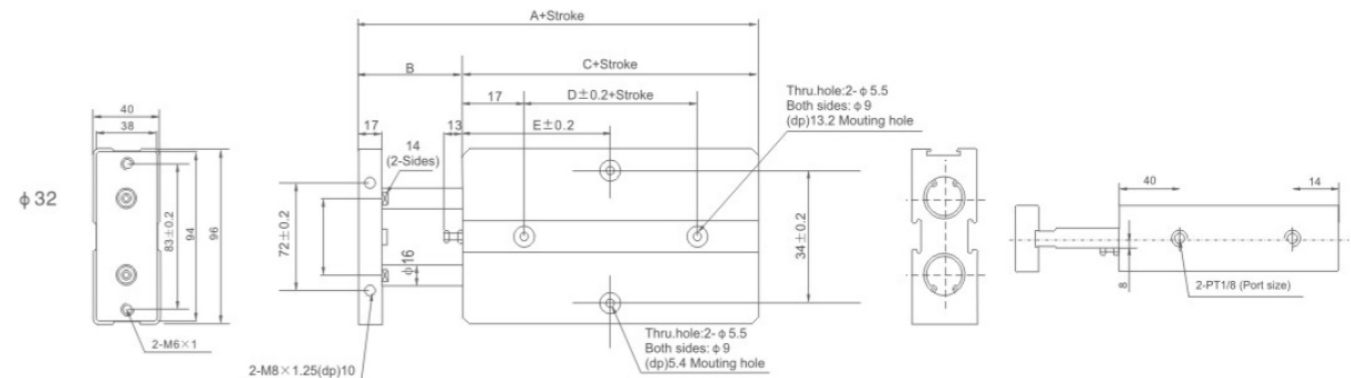


Dimension Sheet

Bore size Item	A	B	C	D	E												F	G	H	I
					10	20	30	40	50	60	70	80	90	100	125	150				
16	68	15	53	20	30	35	40	45	50	55	60	65	70	75	87.5	100	8	47	6	24
20	78	20	58	20	35	35	40	45	50	55	60	65	70	75	87.5	100	10	55	9	28
25	81	19	62	30	40	40	45	50	55	60	65	70	75	80	92.5	105	10	66	8	34

Bore size/Item	J	K	L	M	N1	N2	P1	P2	Q	R	S	T	V	W
20	M4×0.7/dp 5	55	61	24	25	12	Both sides: φ 7.5(dp) 7.2mm Thru.hole: φ 4.5	Both sides: φ 8(dp) 4.4mm Thru.hole: φ 4.5	44	3.5	62	25	10	8.1
25	M4×0.7/dp 6	66	72	29	27	12	Both sides: φ 7.5(dp) 7.2mm Thru.hole: φ 4.5	Both sides: φ 8(dp) 4.4mm Thru.hole: φ 4.5	56	7	73	30	12	10.2

Overall Dimensions



Dimension Sheet

Bore size Item	A	B	C	D	E											
					10	20	30	40	50	60	70	80	90	100	125	150
32	108	30	78	35	45	50	55	60	65	70	75	80	85	90	102.5	115