

TN Series Dual Rod Cylinder:



1. Ordering Code :

TN	-	25	x	50	-	S
↑		↑		↑		↑
Model		Bore		Stroke		Blank: Without magnet S: Magnet inside
TN: Double-shaft double action type		10mm 16mm 20mm 25mm 32mm		10~200mm		

2.Characteristics:

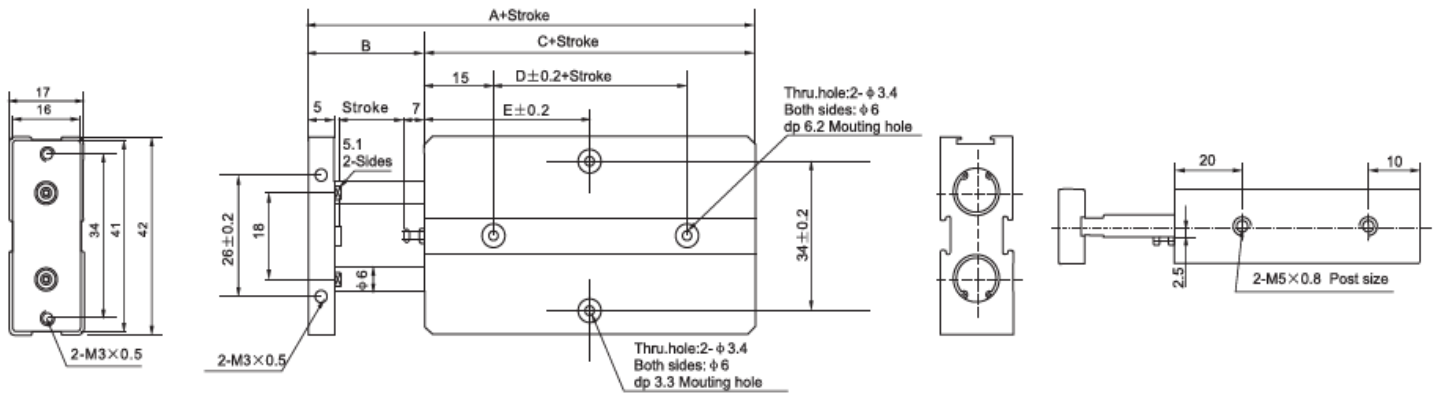
- 1) Small size and light weight.
- 2) Double shaft can bear higher side loads and no rotation.
- 3) There are more mounting holes on the fixed board
- 4) Different thread type can be offered according to customers' requirements, e.g.:BSP , NPT etc.
- 5) Needn't lubricate on piston rod by oil

3.Specification:

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

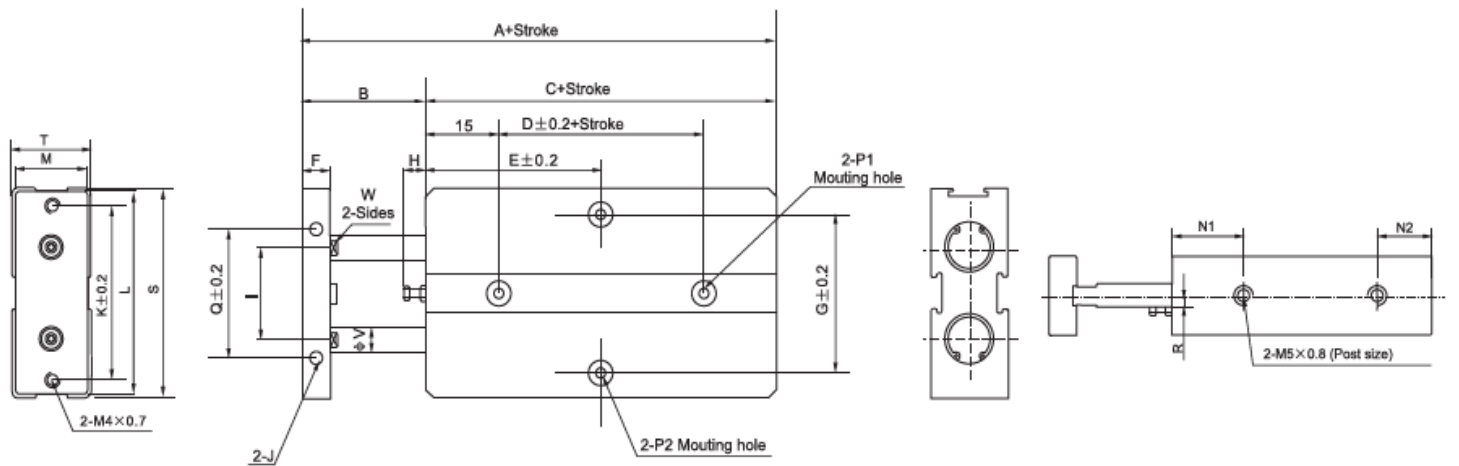
4. Overall and Dimension Sheet:

(Φ10)



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

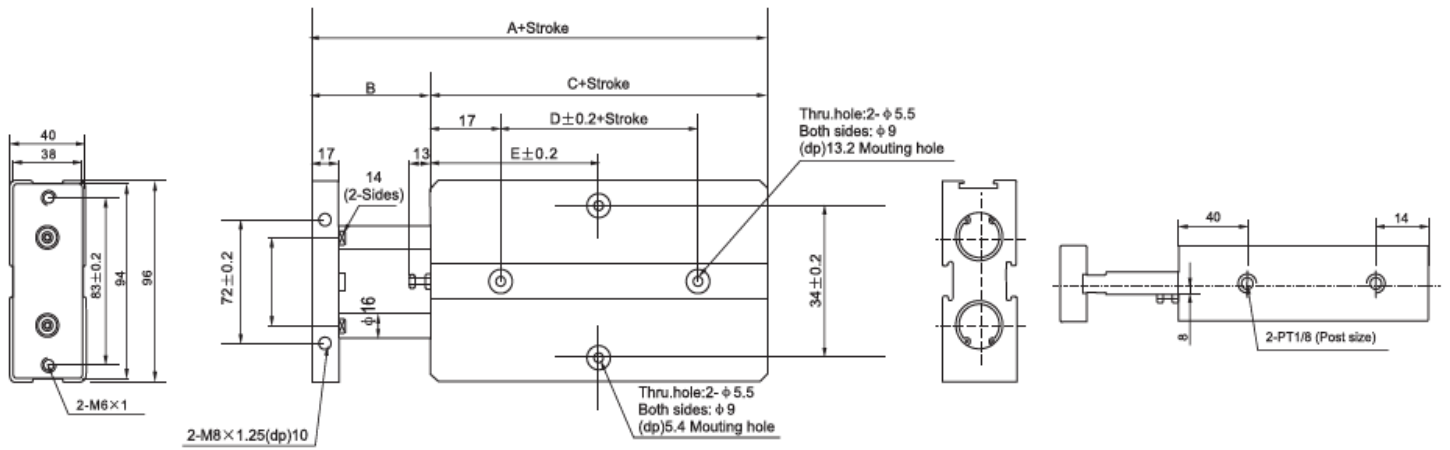
(Φ16~Φ25)



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
16	M4×0.7/dp 5	47	53	20	22	11	Both sides : φ7.5(dp) 7.2mm Thru.hole: φ4.5	Both sides: φ8(dp) 4.4mm Thru.hole: φ4.5	34	3	54	21	8	6.1
20	M4×0.7/dp 5	55	61	24	25	12	Both sides : φ7.5(dp) 7.2mm Thru.hole: φ4.5	Both sides: φ8(dp) 4.4mm Thru.hole: φ4.5	44	3.5	62	25	10	8.1
25	M4×0.7/dp 6	66	72	29	27	12	Both sides : φ7.5(dp) 7.2mm Thru.hole: φ4.5	Both sides: φ8(dp) 4.4mm Thru.hole: φ4.5	56	7	73	30	12	10.2

(Φ32)



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