



Features

Double rod with double force for higher anti-bending and anti-twisted strength ensured durable life and perfect directional characteristic.



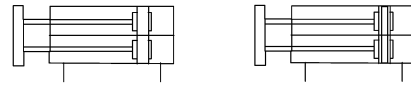
Ordering Code

TN	20	50	MT
Type	Bore	Stroke	Sensor
TN: Double-shaft double acting	10 16 20 25 32		CSI-J

* Standard wire is 1 meter, please order for other length

* TN Series attached magnetic ring

Symbol



Specification

Bore (mm)	10	16	20	25	32
Working Medium	Air				
Operation	Double Acting				
Operation Pressure Range	0.1~0.9 MPa				
Ensure Pressure Resistance	1.35 MPa				
Operation Temperature Range	0~70 °C				
Operation Speed Range	100~500 mm/s				
Adjustable Stroke	-10~0 mm				
Cushion	Not Available	Cushion Gasket			
Precision Of Non-rotating	0.4°	0.3°			
Port Size	M5 x 0.8				PT 1/8"

The Max. operating pressure is subject to the Max. load of hydraulic buffer.

Stroke

Bore (mm)	Standard Stroke														Max. Stroke	Allowable Stroke
10	10	20	30	40	50	60	70								70	100
16	10	20	30	40	50	60	70	80	90	100	125	150			150	200
20	10	20	30	40	50	60	70	80	90	100	125	150			150	200
25	10	20	30	40	50	60	70	80	90	100	125	150			150	200
32	10	20	30	40	50	60	70	80	90	100	125	150			150	200

TN Series

Double Rod Cylinder

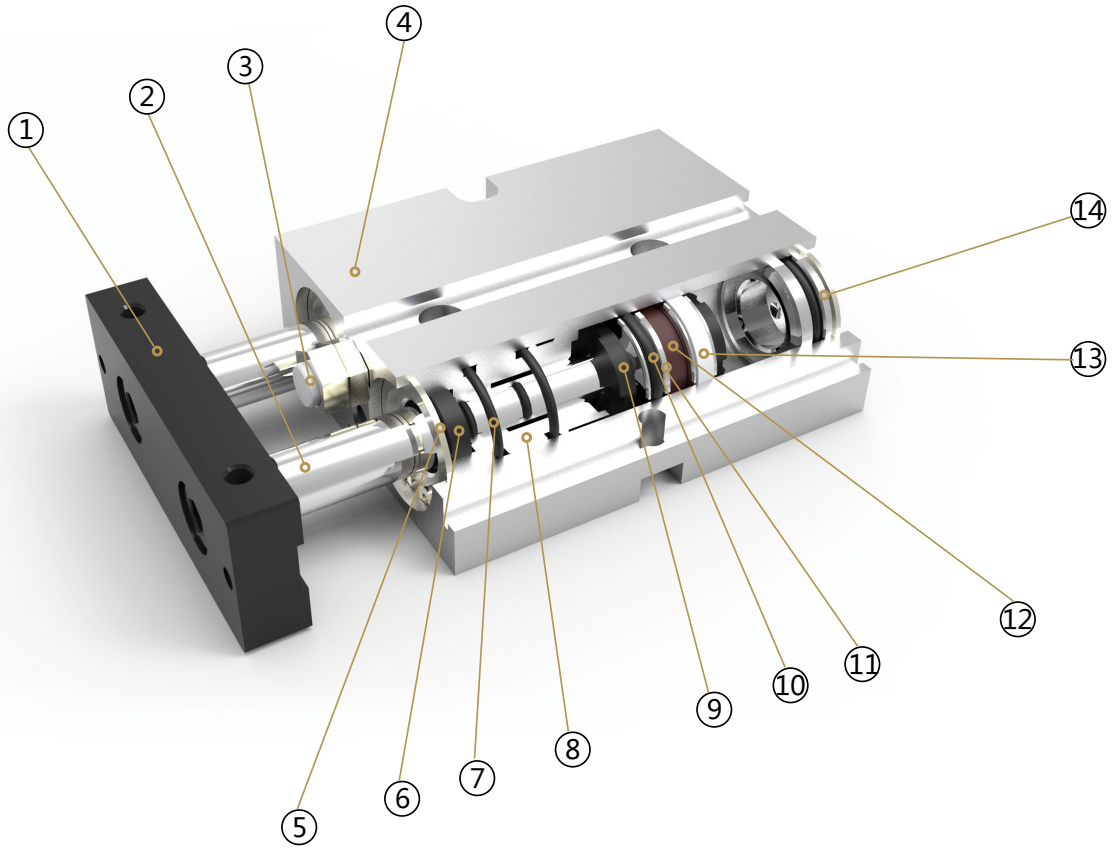


JELPC®

We make the difference

hidroticaret
hidroticaret.com
uzman satış, doğru fiyat, hızlı teslimat

Internal Structure



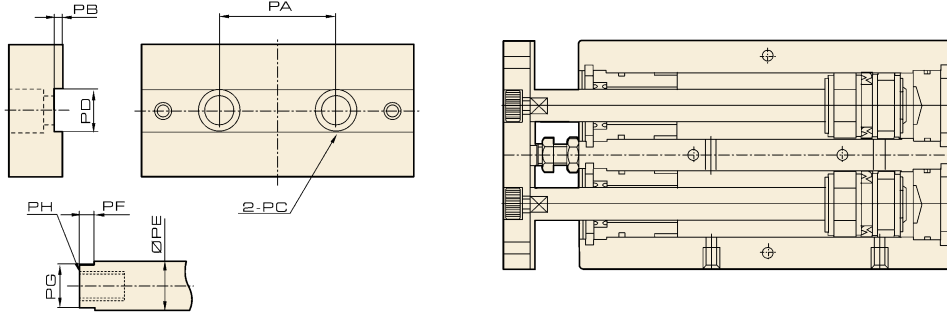
Parts

Number	Name	Number	Name
1	Fixing plate	8	Front cover
2	Piston rod	9	Anti-collision washer
3	Anti-collision head	10	Piston seal
4	Cylinder body	11	Piston
5	Hole cir-clip	12	Magnet
6	Shaft seal	13	Anti-friction ring
7	O ring	14	Back cover

Overall Dimension

TN

Ø16~Ø25

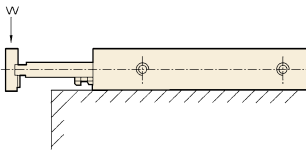


Dimension

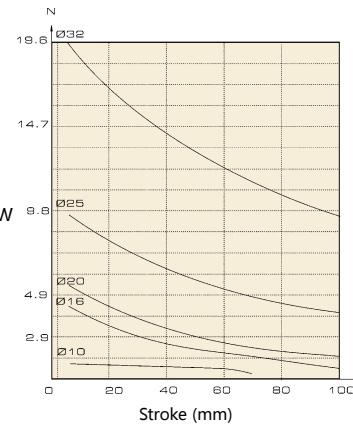
Bore / Symbol	PA	PB	P1	PD	PE	PF	PG	P2
10	18	0.5	Φ6.2 deep 3.5 mm, Through Hole: Φ4.5	5.2	6	3	5.2	M3 × 0.5 deep 5 mm
16	24	1	Φ7.8 deep 4.6 mm, Through Hole: Φ4.5	6.2	8	3	6.2	M4 × 0.7 deep 46 mm
20	28	1	Φ11 deep 6.8 mm, Through Hole: Φ4.5	8.2	10	3	8.2	M6 × 1 deep 48 mm
25	34	1	Φ11 deep 6.8 mm, Through Hole: Φ4.5	10.2	12	3	10.2	M6 × 1 deep 48 mm
32	42	2	Φ17 deep 12 mm, Through Hole: Φ4.5	14	16	3	14	M10 × 1.5 deep 14 mm

Overall Dimension

Allowable size load



Side Load W



*1Kgf = 9.81N

Dimension

O-ring List

Inner Diameter Quantity	Front cover seal	Piston O-ring	Rear cover O-ring	Piston rod O-ring
	1	2	2	1
10	PDU-6	APA-10	10×1.5	P12
16	PDU-8	APA-16	16×1.5	P16
20	PDU-10	APA-20	20×1.5	P20
25	PDU-12	APA-25	25×1.5	P20
32	PDU-16	APA-32	32×1.5	P25

TN Series

Double Rod Cylinder



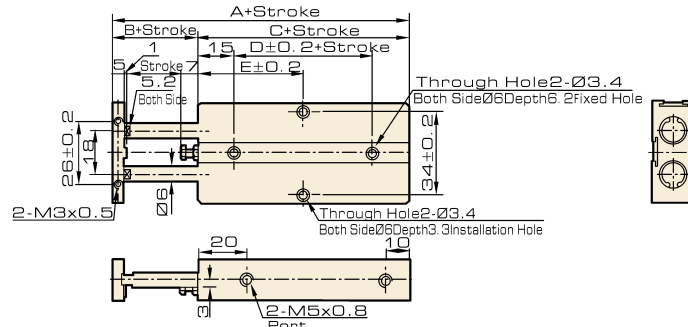
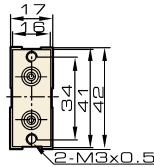
We make the difference

Overall Dimension

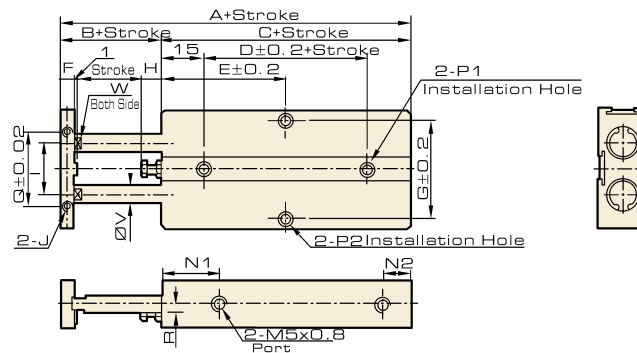
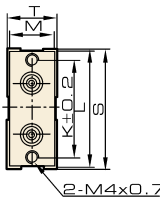


TN

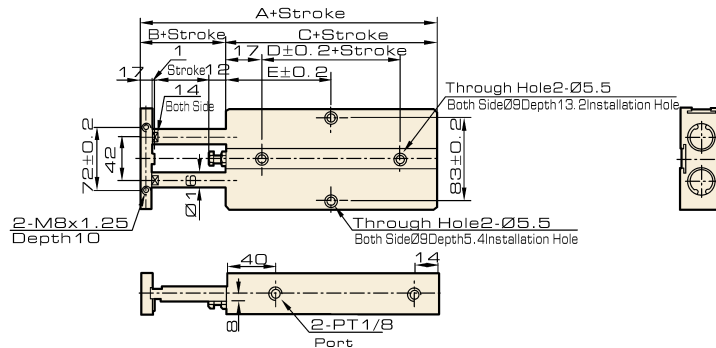
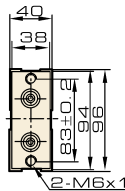
Ø10



Ø16~Ø25



Ø32



Dimension

Bore Symbol	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 Symbol	J	K	L	M	N1	N2	P1			P2				Q	R	S	T	V	W
16	M4×0.7 deep 5	47	53	20	22	10	Double side: Ø7.5 Deep: 7.2 mm, Through Hole: Ø4.5			Double side: Ø8 Deep: 4.4 mm, Through Hole: Ø4.5				34	3	54	21	8	6.2
20	M4×0.7 deep 5	55	61	24	25	12	Double side: Ø7.5 Deep: 7.2 mm, Through Hole: Ø4.5			Double side: Ø8 Deep: 4.4 mm, Through Hole: Ø4.5				44	3.5	62	25	10	8.1
25	M4×0.8 deep 6	66	72	27	30	12	Double side: Ø7.5 Deep: 7.2 mm, Through Hole: Ø4.5			Double side: Ø8 Deep: 4.4 mm, Through Hole: Ø4.5				56	7	73	30	12	10.2

Bore Symbol	A	B	C	D	E													
					10		20		30		40		50		60		70	
10	63	12	51	10	30		30		35		40		45		50		55	
32	108	30	78	35	10	20	30	40	50	60	70	80	90	100	125	150		
					45	50	55	60	65	70	75	80	85	90	102.5	115		