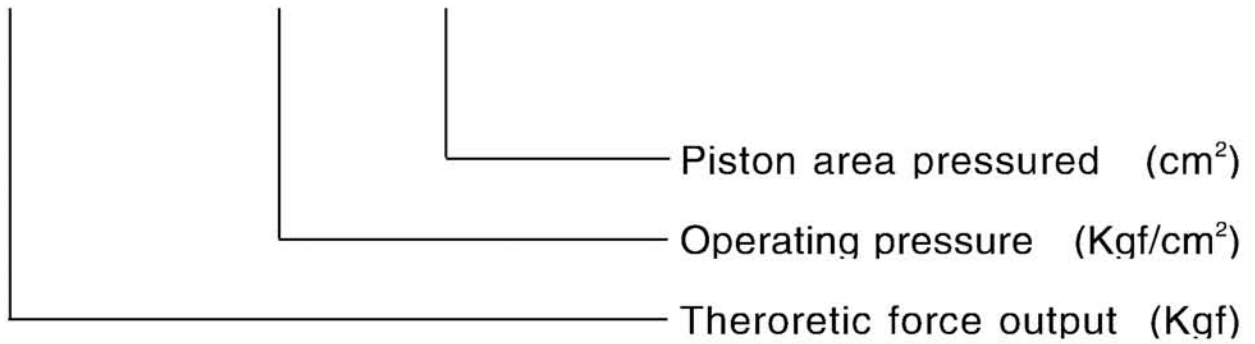


Double shaft cylinder

Theroretic force output formulate:

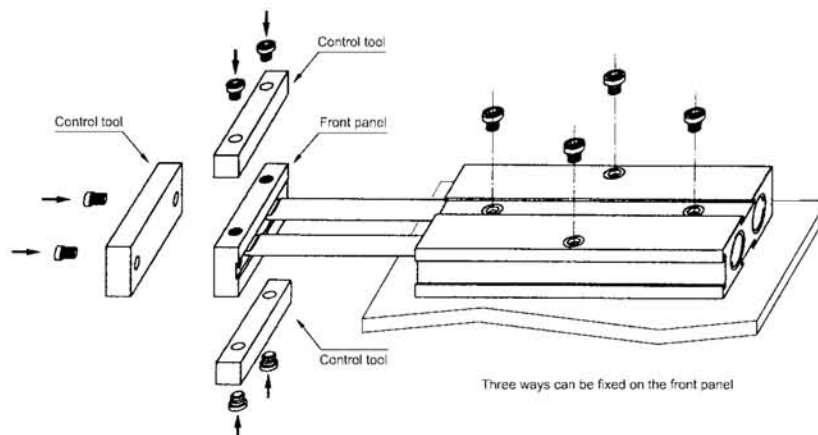
$$F = 2 \times P \times A$$



Theroretic force output fig.:

boremm	piston rod dia.mm	acting type	compressed area (cm ²)	Air pressure (kgf/cm ²)							
				1	2	3	4	5	6	7	
10	6	double acting	pushside	1.57	-	3.14	4.70	6.28	7.84	9.42	10.98
			draw side	1.00	-	2.00	3.00	4.00	5.00	6.00	7.00
16	8	double acting	pushside	4.02	4.02	8.04	12.06	16.08	20.10	24.12	28.14
			draw side	3.01	3.01	6.02	9.03	12.04	15.05	18.06	21.07
20	10	double acting	pushside	6.28	6.28	12.56	18.84	25.12	31.40	37.68	43.96
			draw side	4.71	4.71	9.42	14.13	18.84	23.55	28.26	32.97
25	12	double acting	pushside	9.81	9.81	19.62	29.43	39.24	49.05	58.86	68.67
			draw side	7.55	7.55	15.10	22.65	30.20	37.75	45.30	52.85
32	16	double acting	pushside	16.07	16.07	32.14	48.21	64.28	80.35	96.42	112.49
			draw side	12.05	12.05	24.10	36.15	48.20	60.25	72.30	84.35

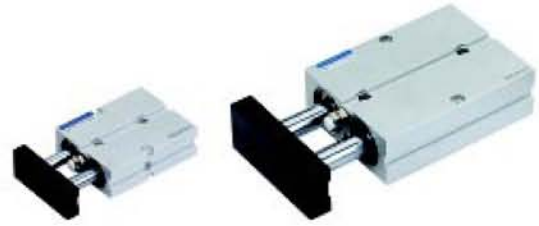
Mounting type:



Double shaft cylinder

Character:

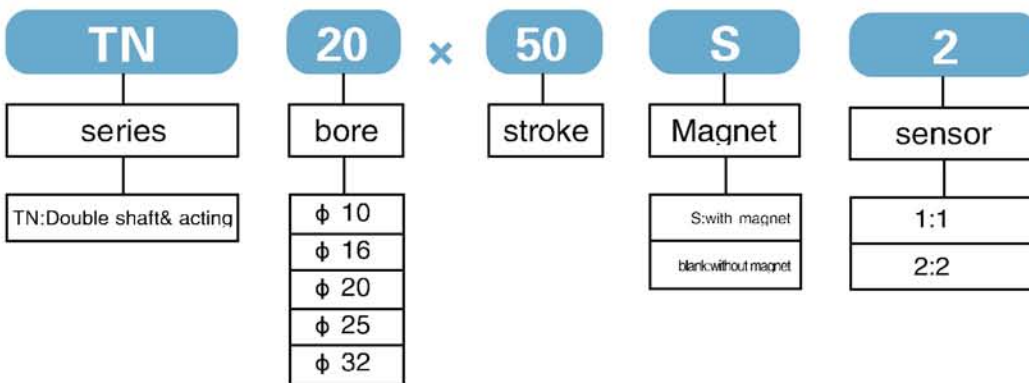
- Double piston rods make good anti-bend and torsion , warrant its life and preeminent guiding performance.
- Assemble the groove in advance,make it easier when assemble,set and adjust sensor switch.
- No need parts and save the space.
- Has simple design and easy naitenance and disassembly.



Specification:

Mode	10	16	20	25	32
Motion	double acting				
Fluid	air				
Pressure range Kgf/cm ²	1-9				
Warrant endure-pressure Kgf/cm ²	10.5				
Ambient temperature range °C	0-70				
Speed range mm/s	100-500				
Stroke adjustable mm	-10-0				
Cushion type	no	cushion sheet			
Port size		M5 x 0.8			G1/8"

How to order:

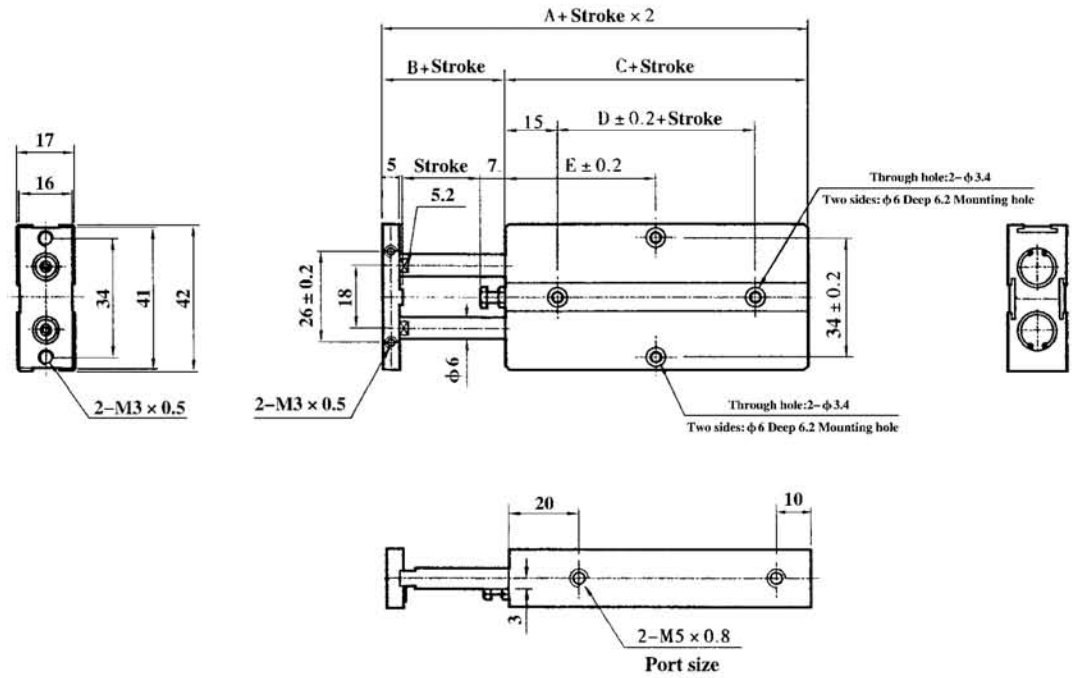


Stroke:

Bore(mm)	standard stroke														max. stroke	stroke required
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		

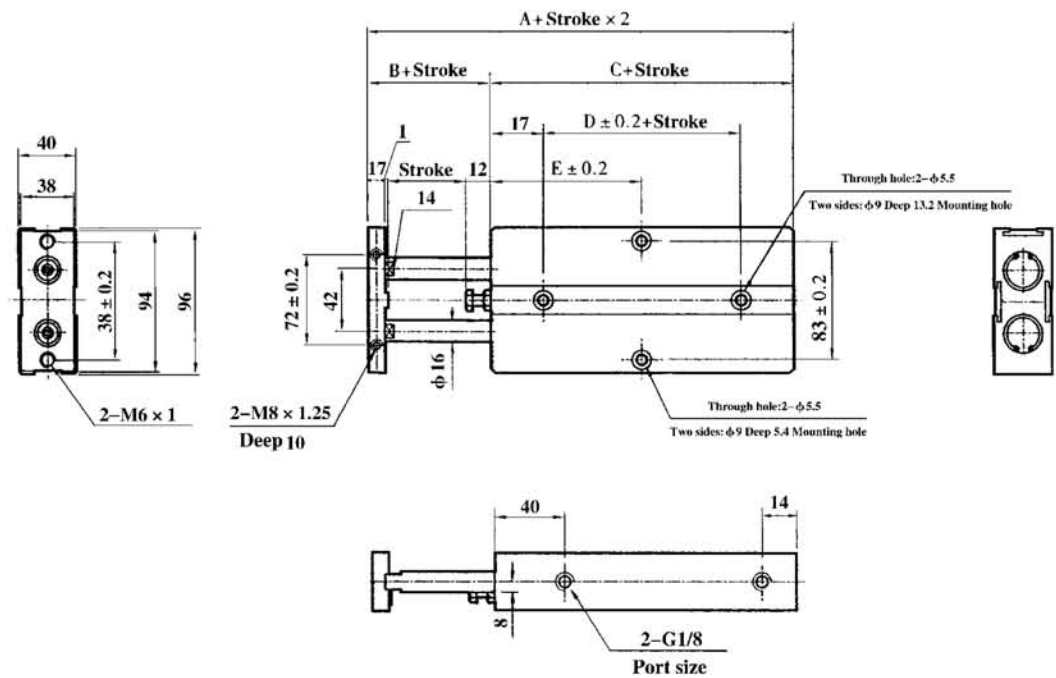
Dimension:

■ $\phi 10$



symbol	A	B	C	D	E								
					10	20	30	40	50	60	70		
bore/symbol					10	20	30	40	50	60	70		
10	58	12	46	10	30	30	35	40	45	50	55		

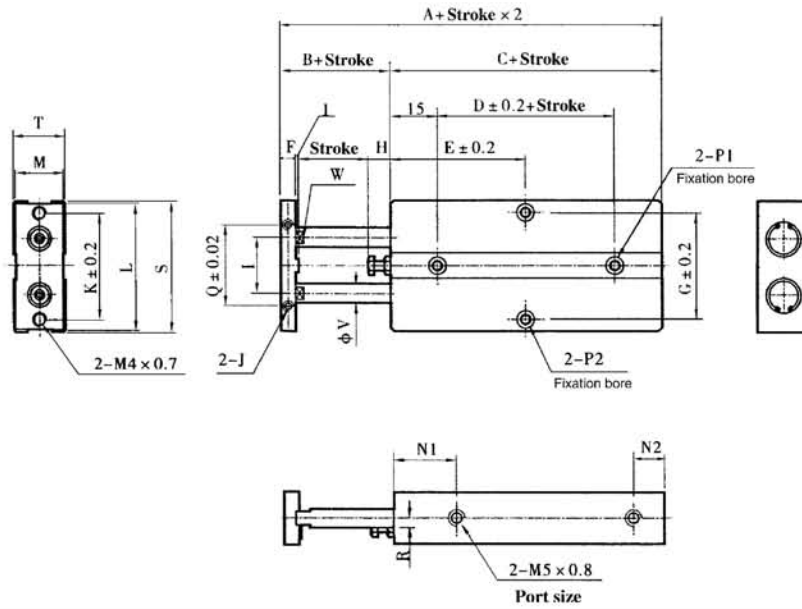
■ $\phi 10$



symbol	A	B	C	D	E												
					10	20	30	40	50	60	70	80	90	100	125	150	
bore/symbol					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	

Dimension:

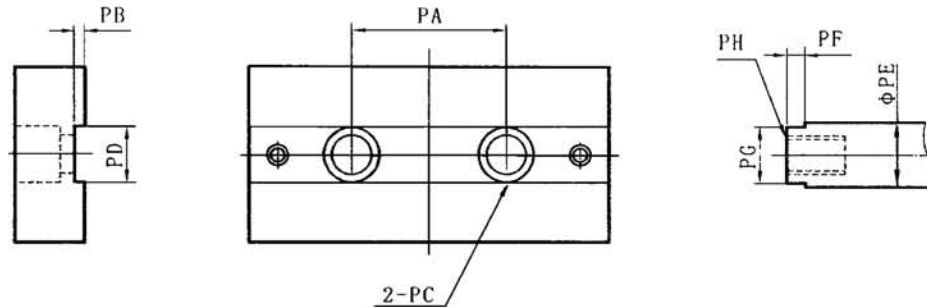
■ ϕ 10~ ϕ 25



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			

symbol	J	K	L	M	N1	N2	P1	P1	Q	R	S	T	V	W
16	M4 x 0.7 depth 5	47	53	20	22	10	Double: ϕ 7.5 depth 7.2mm, Clearance: ϕ 4.5	Double: ϕ 8 depth 4.4mm, Clearance: ϕ 4.5	34	4	54	21	8	6.2
20	M4 x 0.7 depth 5	55	61	24	25	12	Double: ϕ 7.5 depth 7.2mm, Clearance: ϕ 4.5	Double: ϕ 8 depth 4.4mm, Clearance: ϕ 4.5	44	6	62	25	10	8.2
25	M4 x 0.8 depth 6	66	72	29	30	12	Double: ϕ 7.5 depth 7.2mm, Clearance: ϕ 4.5	Double: ϕ 8 depth 4.4mm, Clearance: ϕ 4.5	56	7	73	30	12	10.2

Front board dimension:



symbol/bore	PA	PB	PC	PD	PE	PF	PG	PH
10	18	0.5	ϕ 6.2 depth 3.5mm, Clearance: ϕ 4.5	5.2	6	3	5.2	M3 x 0.5 depth 5mm
16	24	1	ϕ 7.8 depth 4.6mm, Clearance: ϕ 4.5	6.2	8	3	6.2	M4 x 0.7 depth 6mm
20	28	1	ϕ 11 depth 6.8mm, Clearance: ϕ 4.5	8.2	10	3	8.2	M6 x 1 depth 8mm
25	34	1	ϕ 11 depth 6.8mm, Clearance: ϕ 4.5	10.2	12	3	10.2	M6 x 1 depth 8mm
32	42	2	ϕ 17 depth 12mm, Clearance: ϕ 4.5	14	16	3	14	M10 x 1.5 depth 14mm