

TGCT Series Double Power Cylinder / Multi Position Cylinder



● Product characteristics

Without lubricating: Needn't lubricating on piston rod for using oiled bearing.

Cushion: Besides mounted cushion, there is adjustable cushion at the terminal of the cylinder to act smoothly.

Kinds of mounting: Have kinds of auxiliary components to choose.

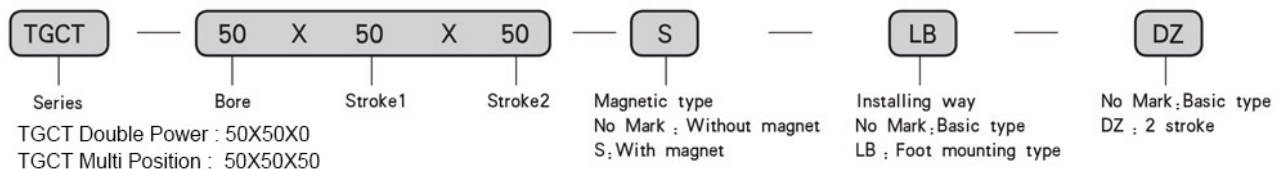
With magnet: With permanent magnet on piston, it can touch the magnet switch to track cylinder's action.

Optional position: With special structure and system controlling, the piston rod can work by step and has optional working positions in the whole stroke.

■ Graphics Sign



● Ordering Code



■ Example

- 1) Bore:50mm, stroke1:50mm, stroke2:50mm, LB installation, Code : TGCT50×50×50—LB—DZ
- 2) Bore:32mm, stroke1:100mm, stroke2:150mm, Standard installation, Code : TGCT32×100×150—DZ

■ Standard Specification

Bore (mm)	32	40	50	63	80	100
Action	Double Action Type					
Applicable	Air					
Pressure Range	0.1 ~ 0.9 MPa					
Proof Pressure	1.35MPa					
Temperature Range	-10 ~ 60°C					
Speed Range	50 ~ 800mm/s					
Cushion Type	Adjustable Cushion					
Cushion Stroke	24mm				32mm	
Prot Size	G1/8	G1/4		G3/8		G1/2

Note : The double power cylinder is used under the condition that more output force is required without adding the cylinder bore diameter and the cylinder body is allowed to be longer (only one working stroke for this cylinder) .

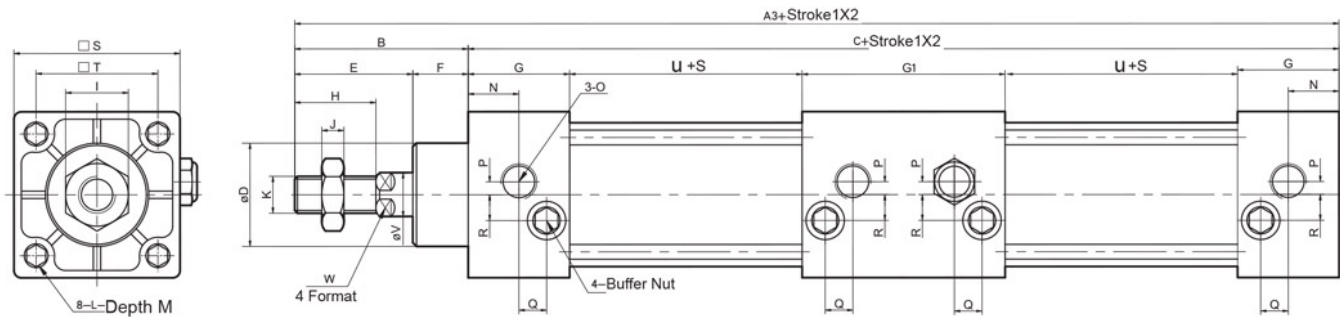
TGCT Double Power Cylinder

Stroke

Bore (mm)	Standard Stroke	Max. Stroke	Premissible Stroke
32	25 50 75 80 100 125 150 160 175 200 250 300 350 400 500	1000	2000
40	25 50 75 80 100 125 150 160 175 200 250 300 350 400 500	1200	2000
50	25 50 75 80 100 125 150 160 175 200 250 300 350 400 500	1200	2000
63	25 50 75 80 100 125 150 160 175 200 250 300 350 400 500	1500	2000
80	25 50 75 80 100 125 150 160 175 200 250 300 350 400 500	1500	2000
100		1500	2000

Figure Dimension

● $\phi 32 \sim \phi 250$



Bore	A3	B	C	D	E	F	G	G1	H	I	J	K	L
32	233	47	186	28	32	15	27.5	55	22	17	6	M10x1.25	M6x1
40	241	49	192	32	34	15	27.5	55	24	17	7	M12x1.25	M6x1
50	249	57	192	38	42	15	27.5	55	32	23	8	M16x1.5	M6x1
63	255	57	198	38	42	15	27.5	55	32	23	8	M16x1.5	M8x1.25
80	300	75	225	47	54	21	33	73	40	26	10	M20x1.5	M10x1.5
100	314	75	239	47	54	21	33	73	40	26	10	M20x1.5	M10x1.5

Bore	M	N	O	P	Q	R	S	T	V	U	W
32	9.5	13.7	G1/8	3.5	7.5	7	45	33	12	38	10
40	9.5	13.5	G1/4	6	8.2	9	50	37	16	38	14
50	9.5	13.5	G1/4	7	8.2	9	62	47	20	38	17
63	9.5	13.5	G3/8	7	8.2	8.5	75	56	20	41	17
80	11	16.5	G3/8	10	9.5	14	94	70	25	45	22
100	11	16.5	G1/2	11	9.5	14	112	84	25	47	22