

TANAIR PNEUMATICS

TPCDQ2(MAGNETIC) CYLINDER PARTS ORDERING GUIDE

ORDERING GUIDE

HOW TO ORDER

TPCDQ2



BASIC - No Mount

B - FOOT Mount

A - TAPPED MOUNTING HOLES

*W - THROUGH ROD TYPE

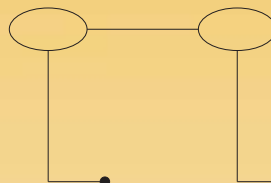
*SJ - STROKE ADJUSTABLE TYPE

*TS - BACK TO BACK TYPE



N -NON LUBE TYPE
STANDARD

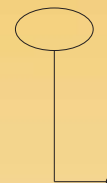
H -HYDRAULIC TYPE



BORE

STROKE

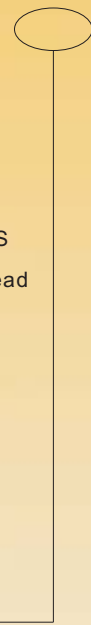
12mm,16mm
20mm,25mm
32mm,40mm
50mm,63mm
80mm,100mm



PISTON ROD
THREAD OPTIONS

Blank:Female Thread

M:Male Thread



REED SWITCH OPTION

D-80KL :2 Wire Type
Contact Eastern Pneumatics+Hydraulics
For Other Reed Switch Options
Note If 2 Reed Switches Are Required:D-80KLx2

NOTE

1.FOR DIMENSIONS SEE STANDARD DIMENSIONS PDF

2.FOR *TYPE DIMENSIONS SEE NON STANDARD PDF

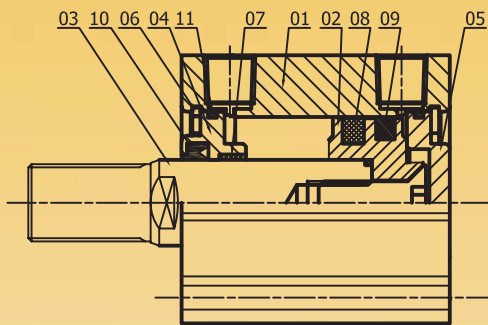
3.FOR ANY OPTIONS NOT LISTED CONTACT TANAIR

4*SEE DIMENSIONS PDF FOR NON STANDARD DIMENSIONS

TANAIR PNEUMATICS

TPCDQ2(MAGNETIC) CYLINDER

PARTS LIST



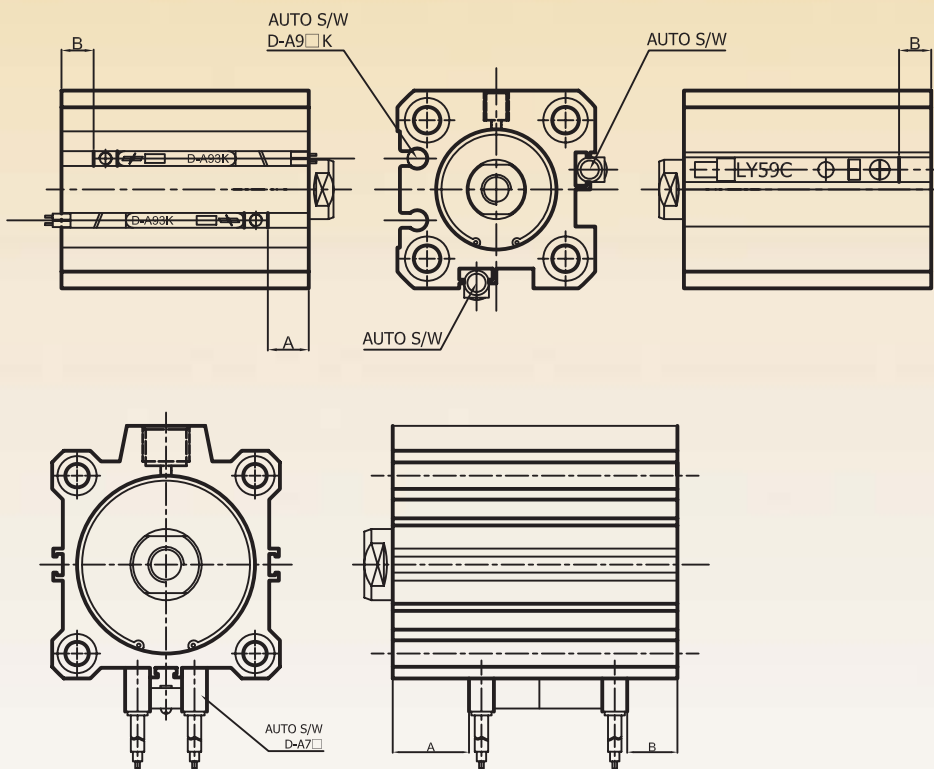
PARTS LIST

NUM	NAME	MATERIAL	REMARKS
1	TUBE	A6063	
2	PISTON	A2024	
3	ROD	S45C	
4	ROD COVER	A2024	
5	HEAD COVER	A6063	
6	SNAP-RING	SWP	
7	OILLESS	CU+OIL	Φ20~Φ100

PACKING LIST

NUM	NAME	MATERIAL	INSIDE DIAMETER OF TUBE									
			Φ12	Φ16	Φ20	Φ25	Φ32	Φ40	Φ50	Φ63	Φ80	Φ100
8	Magnet	NBR	Φ12	Φ16	Φ20	Φ25	Φ32	Φ40	Φ50	Φ63	Φ80	Φ100
9	Piston Packing	NBR	OPA12	OPA16	OPA20	OPA25	OPA32	OPA40	OPA50	OPA63	OPA80	OPA100
10	Rod Packing	NBR	DYR 6K	DYR 6K	DYR 10K	DYR 12	DYR 16	DYR 16	DYR 20	DYR 20	DYR 25	DYR 30
11	Tube O Ring	NBR	S-10	S-14	S-18	S-22	S-29	S-35	S-40	S-60	S-75	S-90

SETTING POSITION OF AUTO SWITCH



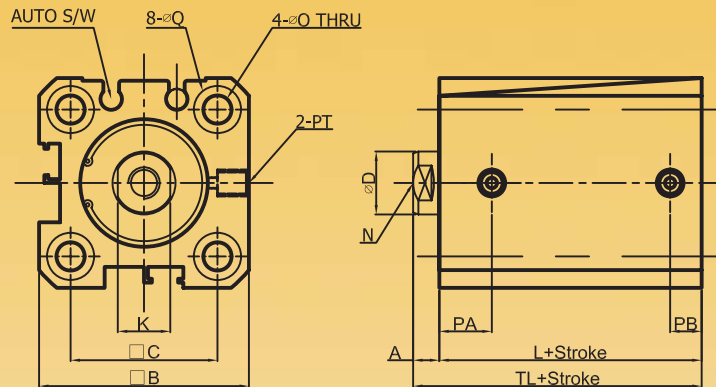
SETTING POSTION

I-D	A	B
12	7.5	3
16	7.5	3
20	8	6.5
25	8	6.5
32	9.5	7
40	13.5	9.5
50	13.5	12.5
63	14	15.5
80	17	20
100	21.5	25

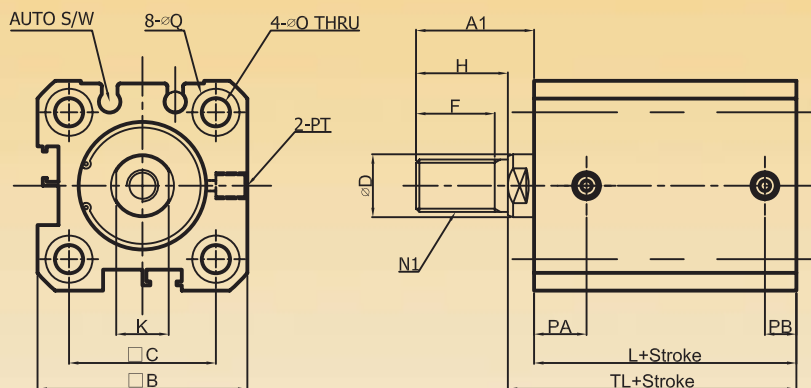
TAN AIR PNEUMATICS

TPCDQ2(MAGNETIC) COMPACT CYLINDER DOUBLE ACTING TYPE(STANDARD)

Female Screw: $\Phi 12$ — $\Phi 25$



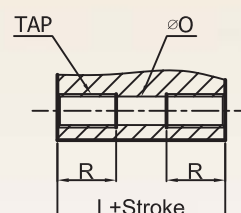
Male Screw: $\Phi 12$ — $\Phi 25$



Model	Stroke	A	A1	□B	□C	ΦD	F	H	K	L	N	N1	ΦO	PA
TPCDQ2B12	5~30	3.5	14	25	19.5	6	9	10.5	5	28.5	M3×0.5 Dp6	M5×0.8	3.5	10
TPCDQ2B16	5~30	3.5	15.5	29	20	8	10	12	6	30.5	M4×0.7 Dp8	M6×1.0	3.5	10
TPCDQ2B20	5~50	4.5	18.5	36	25.5	10	12	14	8	31.5	M5×0.8 Dp8	M8×1.25	6	10.5
TPCDQ2B25	5~50	5	22.5	40	28	12	15	17.5	10	32.5	M6×1.0 Dp12	M10×1.25	5.5	11

Model	PB	TL	PT	ΦQ
TPCDQ2B12	5.5	31.5	M5×0.8	6.5 Dp3.5
TPCDQ2B16	5.5	34	M5×0.8	6.5 Dp3.5
TPCDQ2B20	5.5	36	M5×0.8	9 Dp7
TPCDQ2B25	5.5	37.5	M5×0.8	9 Dp7

Both End-Tap Type

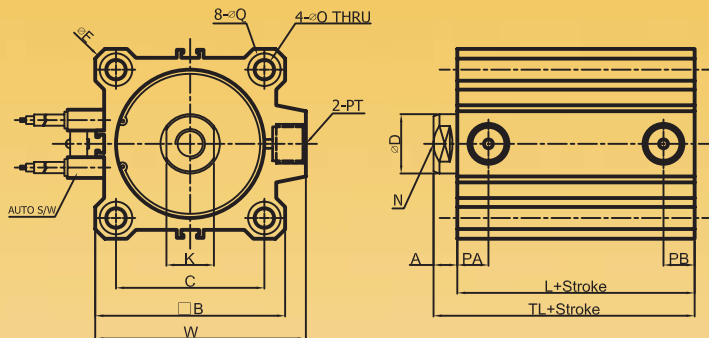


Model	TAP	R
TPCDQ2B12	M4×0.7	7
TPCDQ2B16	M4×0.7	7
TPCDQ2B20	M6×1.0	10
TPCDQ2B25	M6×1.0	10

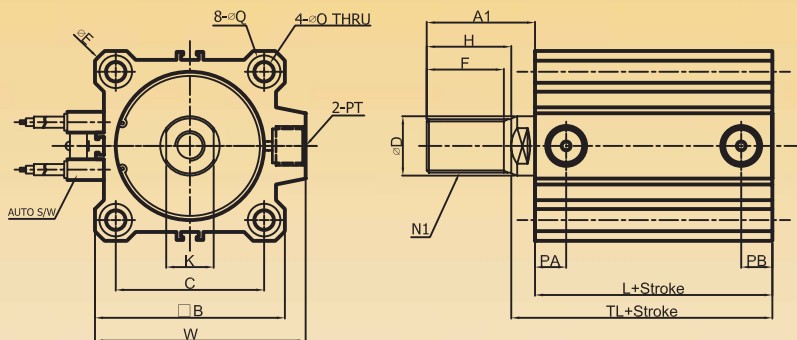
TAN AIR PNEUMATICS

TPCDQ2(MAGNETIC) COMPACT CYLINDER DOUBLE ACTING TYPE(STANDARD)

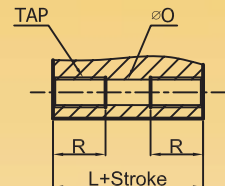
Female Screw: $\Phi 32$ — $\Phi 100$



Male Screw: $\Phi 32$ — $\Phi 100$



Both End-Tap Type



Model	TAP	R
TPCDQ2B32	M6×1.0	10
TPCDQ2B40	M6×1.0	10
TPCDQ2B50	M8×1.25	14
TPCDQ2B63	M10×1.5	18
TPCDQ2B80	M12×1.75	22
TPCDQ2B100	M12×1.75	22

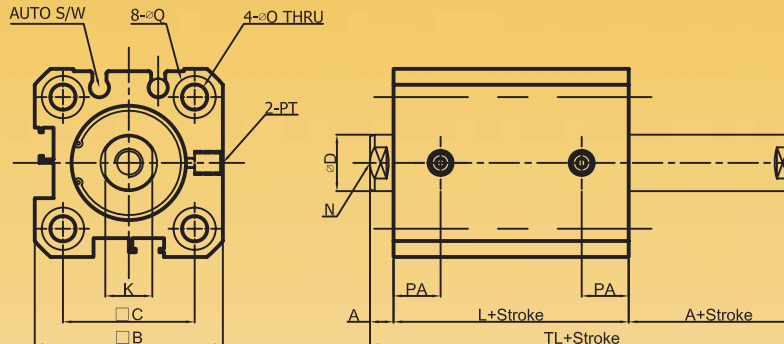
Model	Stroke	A	A1	□B	□C	ΦD	ΦE	F	H	K	L	N	N1
TPCDQ2B32	5~100	7	28.5	45	34	16	60	20.5	23.5	14	33	M8×1.25 Dp13	M14×1.5
TPCDQ2B40	5~100	7	28.5	52	40	16	69	20.5	23.5	14	39.5	M8×1.25 Dp13	M18×1.5
TPCDQ2B50	10~100	8	33.5	64	50	20	86	26	28.5	16	40.5	M10×1.5 Dp15	M18×1.5
TPCDQ2B63	10~100	8	33.5	77	60	20	103	26	28.5	16	46	M10×1.5 Dp15	M18×1.5
TPCDQ2B80	10~100	10	43.5	98	77	25	132	32.5	35.5	22	53.5	M16×2.0 Dp21	M22×1.5
TPCDQ2B100	10~100	12	43.5	117	94	30	156	32.5	35.5	27	63	M20×2.5 Dp27	M26×1.5

Model	ΦO	PA	PB	TL	PT	ΦQ	W
TPCDQ2B32	5.5	10.5	7.5	40	PT1/8	9 Dp7	49.5
TPCDQ2B40	5.5	12	8.5	46.5	PT1/8	9 Dp7	57
TPCDQ2B50	6.8	10.5	10.5	48.5	PT1/4	11 Dp8	71
TPCDQ2B63	9	15	11	54	PT1/4	14 Dp10.5	84
TPCDQ2B80	11	18	12.5	63.5	PT3/8	17.5 Dp13.5	104
TPCDQ2B100	11	23	13	75	PT3/8	17.5 Dp13.5	123.5

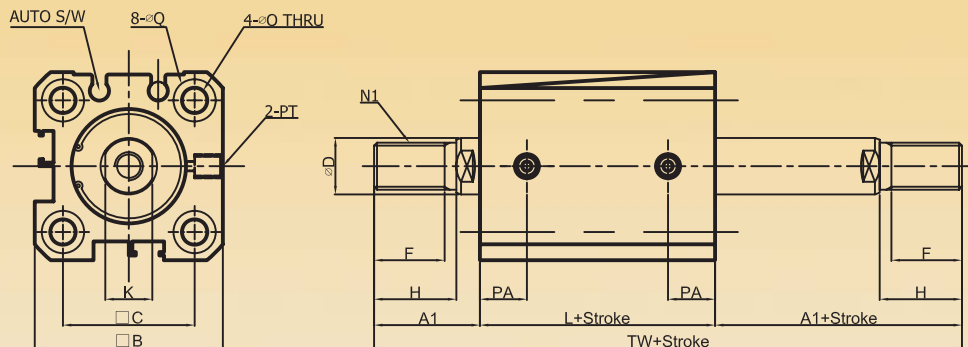
TANAIR PNEUMATICS

TPCDQ2(MAGNETIC) COMPACT CYLINDER DOUBLE ACTING TYPE(DOUBLE ROD)

Female Screw: $\Phi 20$ — $\Phi 25$



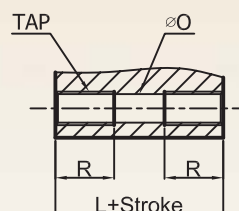
Male Screw: $\Phi 20$ — $\Phi 25$



Model	Stroke	A	A1	□B	□C	ΦD	F	H	K	L	N	N1	ΦO	PA
TPCDQ2B20	5~50	4.5	18.5	36	25.5	10	12	14	8	38	M5×0.8 Dp8	M8×1.25	5.5	10.5
TPCDQ2B25	5~50	5	22.5	40	28	12	15	17.5	10	39	M6×1.0 Dp12	M10×1.25	5.5	11

Model	TW	TL	PT	ΦQ
TPCDQ2B20	75	45	M5×0.8	9 Dp7
TPCDQ2B25	84	49	M5×0.8	9 Dp7

Both End-Tap Type

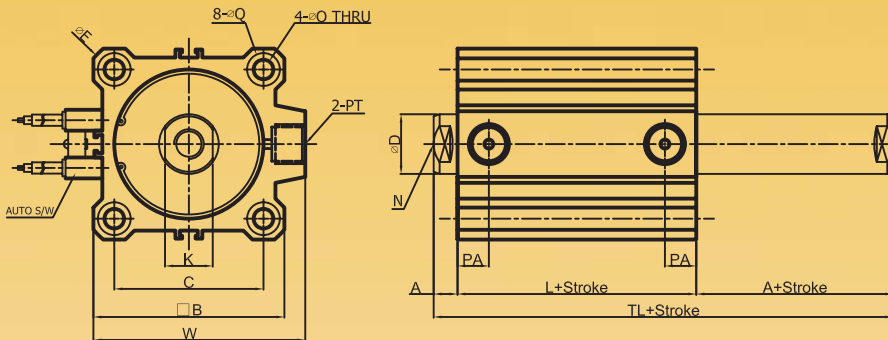


Model	TAP	R
TPCDQ2B20	M6×1.0	10
TPCDQ2B25	M6×1.0	10

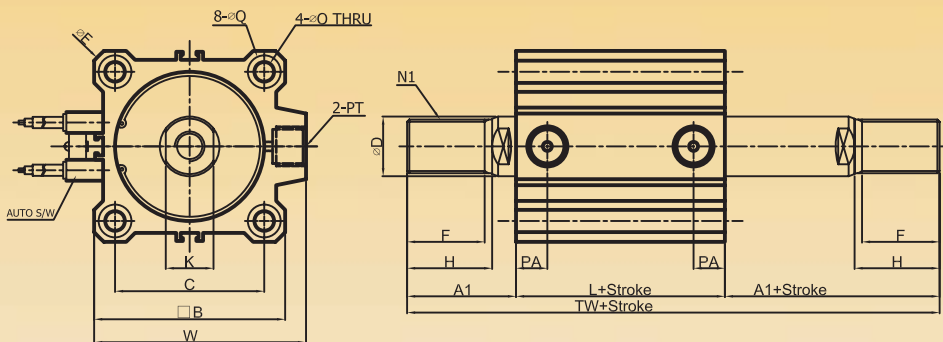
TAN AIR PNEUMATICS

TPCDQ2(MAGNETIC) COMPACT CYLINDER DOUBLE ACTING TYPE(DOUBLE ROD)

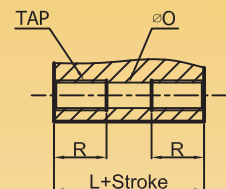
Female Screw: $\Phi 32$ — $\Phi 100$



Male Screw: $\Phi 32$ — $\Phi 100$



Both End-Tap Type



Model	TAP	R
TPCDQ2B32	M6×1.0	10
TPCDQ2B40	M6×1.0	10
TPCDQ2B50	M8×1.25	14
TPCDQ2B63	M10×1.5	18
TPCDQ2B80	M12×1.75	22
TPCDQ2B100	M12×1.75	22

Model	Stroke	A	A1	□B	□C	ΦD	ΦE	F	H	K	L	N	N1
TPCDQ2B32	5~100	7	28.5	45	34	16	60	20.5	23.5	14	40.5	M8×1.25 Dp13	M14×1.5
TPCDQ2B40	5~100	7	28.5	52	40	16	69	20.5	23.5	14	50	M8×1.25 Dp13	M18×1.5
TPCDQ2B50	10~100	8	33.5	64	50	20	86	26	28.5	16	50.5	M10×1.5 Dp15	M18×1.5
TPCDQ2B63	10~100	8	33.5	77	60	20	103	26	28.5	16	52	M10×1.5 Dp15	M18×1.5
TPCDQ2B80	10~100	10	43.5	98	77	25	132	32.5	35.5	22	61	M16×2.0 Dp21	M22×1.5
TPCDQ2B100	10~100	12	43.5	117	94	30	156	32.5	35.5	27	70.5	M20×2.5 Dp27	M26×1.5

Model	ΦO	PA	TL	PT	ΦQ	TW
TPCDQ2B32	5.5	10.5	54.5	PT1/8	9 Dp7	107
TPCDQ2B40	5.5	12	64	PT1/8	9 Dp7	107
TPCDQ2B50	6.8	10.5	66.5	PT1/4	11 Dp8	117.5
TPCDQ2B63	9	15	68	PT1/4	14 Dp10.5	119
TPCDQ2B80	11	18	81	PT3/8	17.5 Dp13.5	148
TPCDQ2B100	11	23	94.5	PT3/8	17.5 Dp13.5	157.5