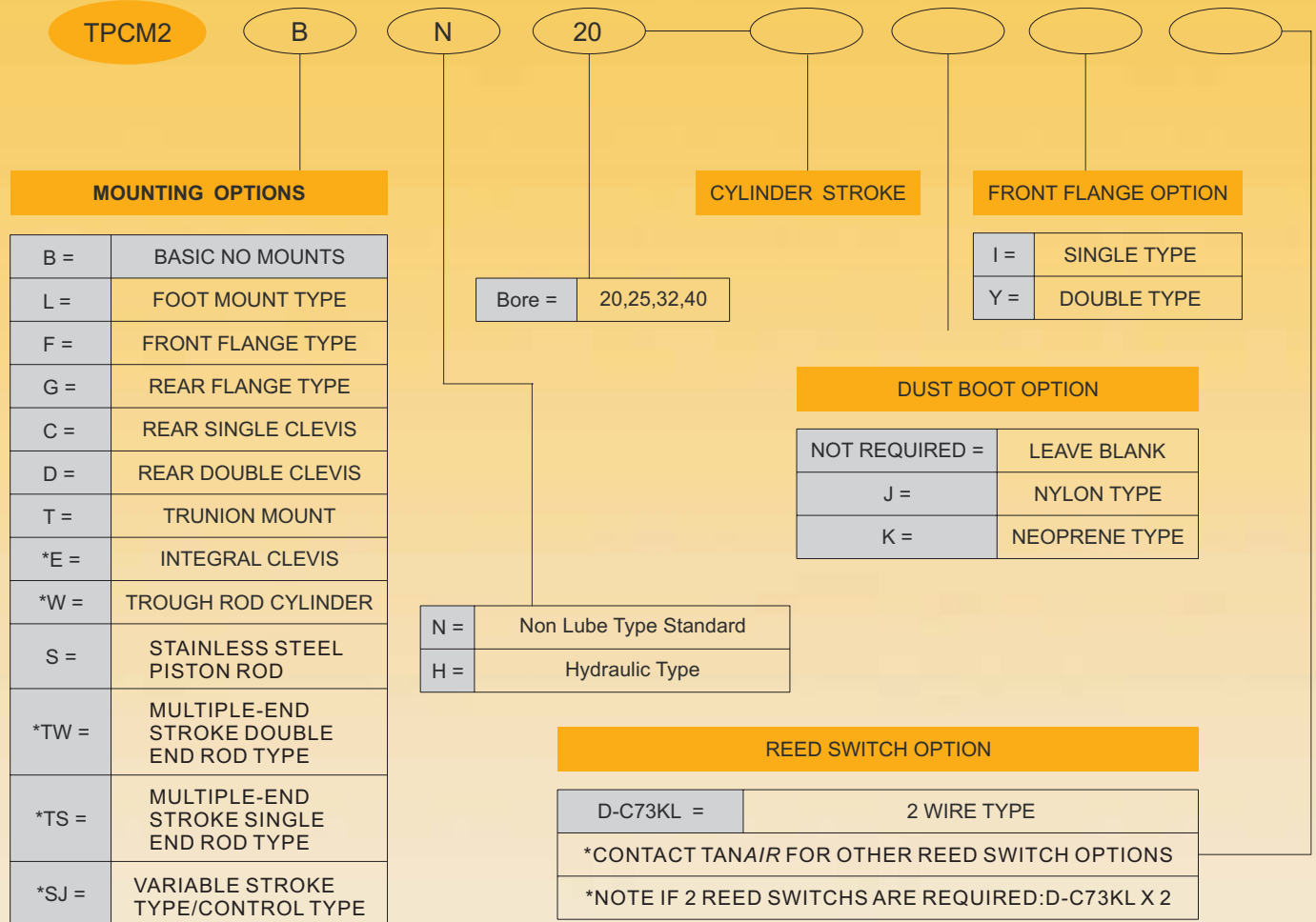


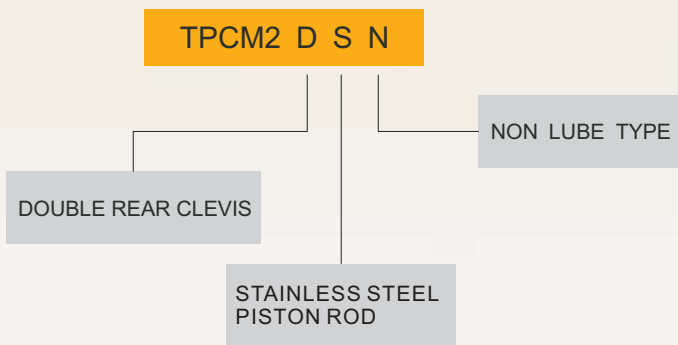
# TANAIR

## TPCM2 J.I.S TYPE CYLINDER PARTS ORDERING GUIDE



- IF YOU REQUIRE MOUNTS AS WELL AS STAINLESS STEEL PISTON ROD SEE BELOW:

### EXAMPLE:



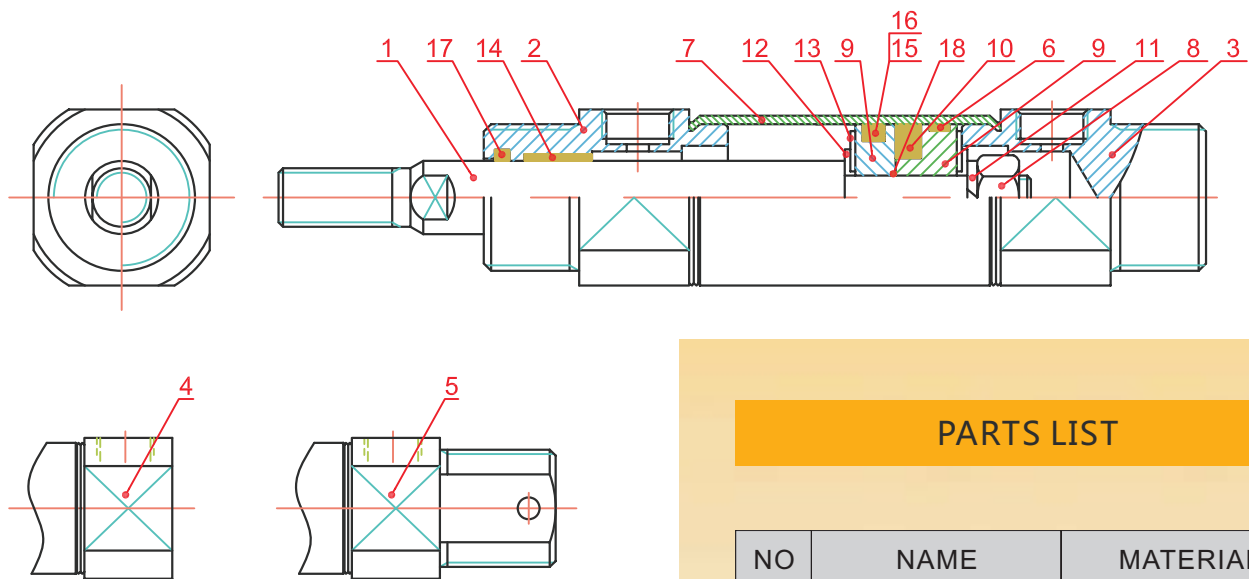
## NOTES:

- ALL TPCM2 CYLINDER ARE MAGNETIC AS STANDARD
- FOR DIMENSIONS SEE STANDARD DIMENSION PDF
- \*REFER TO NON STANDARD PDF FOR DIMENSIONS
- FOR ANY OPTIONS NOT LISTED CONTACT TANAIR

# TAN AIR

## TPCM2 J.I.S TYPE CYLINDER PARTS

### INSIDE STRUCTURE DRAWING



### PARTS LIST

NO	NAME	MATERIAL
1	ROD	S45C
2	ROD COVER	A2024
3	HEAD COVER	A2024
4	HEAD COVER	A2024
5	HEAD COVER	A2024
6	WEARING	ACETAL
7	TUBE	SUS304
8	PISTON LOCK NUT	S10C
9	PISTON	A2024
10	MAGNET	STEEL
11	SPRING WASHER	SCM4
12	SLEEVE	BSBM
13	DEMPER	URETHANE
14	OILESS	CU+OIL

### BASIC(OILLESS) TYPE

15	Piston Packing	NBR	OPA20	OPA25	OPA32	OPA40
17	Rod Packing	NBR	DRP10	DRP12	DRP12	DRP16
18	Rod O Ring	NBR	S6	S8	S8	S10

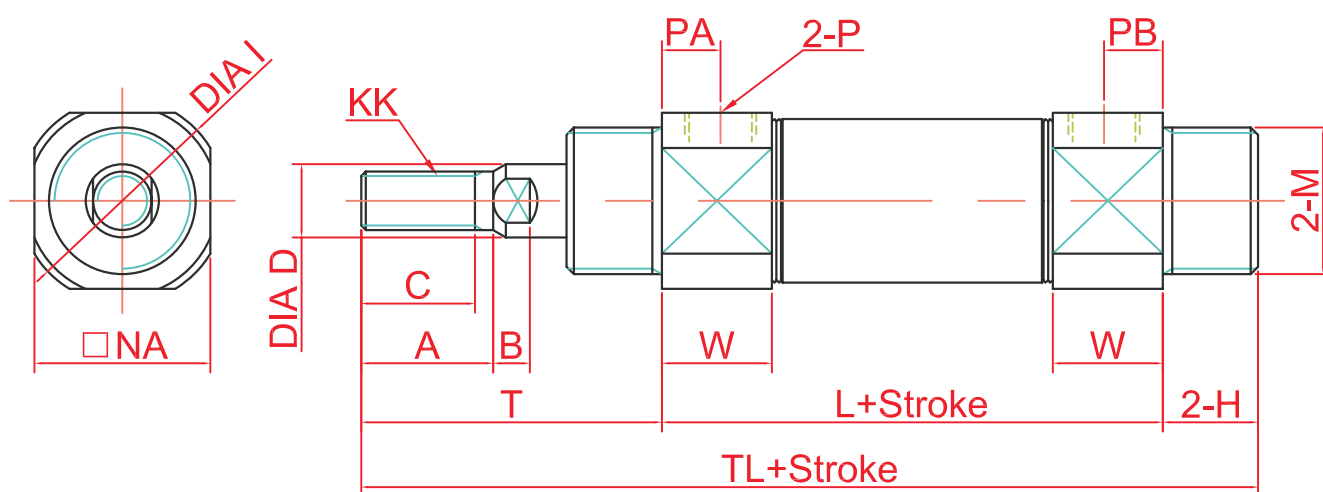
### LOW HYDRAULIC TYPE

16	Piston Packing	NBR	HSD20	HSD25	HSD32	HSD40
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# TANAIR

## TPCM2 J.I.S TYPE CYLINDER

### BASIC TYPE



BORE	STROKE RANGE	C	A	B	D	I	KK	L	M	P(PT)	PA	PB	T
20	~300	15.5	18	5.0	10	28	M8*1.25	62	M20*1.5	1/8	8	8	41
25	~300	19.5	22	5.5	12	33.5	M10*1.25	62	M26*1.5	1/8	8	8	45
32	~300	19.5	22	5.5	12	37.5	M10*1.25	64	M26*1.5	1/8	8	8	45
40	~300	21.0	24	7.5	16	46.5	M14*1.25	88	M30*2.0	1/4	11	11	50

BORE	STROKE RANGE	TL	W	NA
20	~300	116	15	24
25	~300	120	15	30
32	~300	122	15	34.5
40	~300	154	21	42.5

# TANAIR

## TPCM2 J.I.S TYPE CYLINDER

### TYPE

NOTATION	TYPE	WORKING METHOD	PISTON PACKING	REMARKS
	NO OIL SUPPLY	DOUBLE ACTING	SPECIAL PACKING	BASIC BUILD-IN OF MAGNET
	LOW HYDRAULIC	DOUBLE ACTING	SPECIAL PACKING	I-D(mm)

### TYPE

I-D(mm)	Standard Stroke	Min Stroke Range
DIA20	25,50,75,100,125, 150,200,250,300	500
DIA25		
DIA32		
DIA40		

### SPECIFICATION

TYPE	NO OIL SUPPLY	LOW HYDRAULIC TYPE
Working Oil	Air	Hydraulic Working Oil
Bearing Pressure	15kgf/cm <sup>2</sup>	
Max Set Pressure	9.9kgf/cm <sup>2</sup>	
Min Set Pressure	0.5kgf/cm <sup>2</sup>	1.0kgf/cm <sup>2</sup>
Ambient	5~60°C	
Working Speed	50~700mm/s	0.5~300mm/s
Cushion	Rubber Cushion	
Screw Tolerance	K S2 Level	
Allowance Of Stroke Length	~250 <sup>+1.0</sup> <sub>0</sub>	251~500 <sup>+1.0</sup> <sub>0</sub>

### LOT-END NUMBER

I-D(mm) LOT-END	20	25,32	40
Single Knuckle Joint	TPCM2B-I-20	TPCM2B-I-25/32	TPCM2B-I-40
Double Knuckle Joint	TPCM2B-Y-20	TPCM2B-Y-25/32	TPCM2B-Y-40

### SUPPORTING PARTS NUMBER

I-D(mm) LOT-END	20	25,32	40
Foot Type	TPCM2B-L-20	TPCM2B-L-25/32	TPCM2B-L-40
Flange Type	TPCM2B-F-20	TPCM2B-F-25/32	TPCM2B-F-40
Single Clevis Type	TPCM2B-C-20	TPCM2B-C-25/32	TPCM2B-C-40
Double Clevis Type	TPCM2B-D-20	TPCM2B-D-25/32	TPCM2B-D-40
Trunion Type	TPCM2B-T-20	TPCM2B-T-25/32	TPCM2B-T-40

### MOUNTED TYPE AND PARTS

PARTS MOUNTED TYPE	BASIC PARTS			SPECIAL OPTION		
	Mounted Nut	Rod Lot-End Nut	Pin For Clevis	Single Knuckle Joint	Double Knuckle Joint	Bellows
Basic Type	● 1 (EA)	●	—	●	●	●
Foot Type	● 2 (EA)	●	—	●	●	●
Rod-Side Flange Type	● 1 (EA)	●	—	●	●	●
Head-Side Flange Type	● 1 (EA)	●	—	●	●	●
Clevis Single-Body Type	—	●	—	●	●	●
Single Thread Clevis Type	—	●	—	●	●	●
Double Thread Clevis Type	—	●	●	●	●	●
Head-Side Trunion Type	● 1 (EA)	●	—	●	●	●
Rod-Side Trunion Type	● 1 (EA)	●	—	●	●	●
Compact(Both Cut) Basic Type	● 1 (EA)	●	—	●	●	●
Compact(Both Cut) Flendge Type	● 1 (EA)	●	—	●	●	●