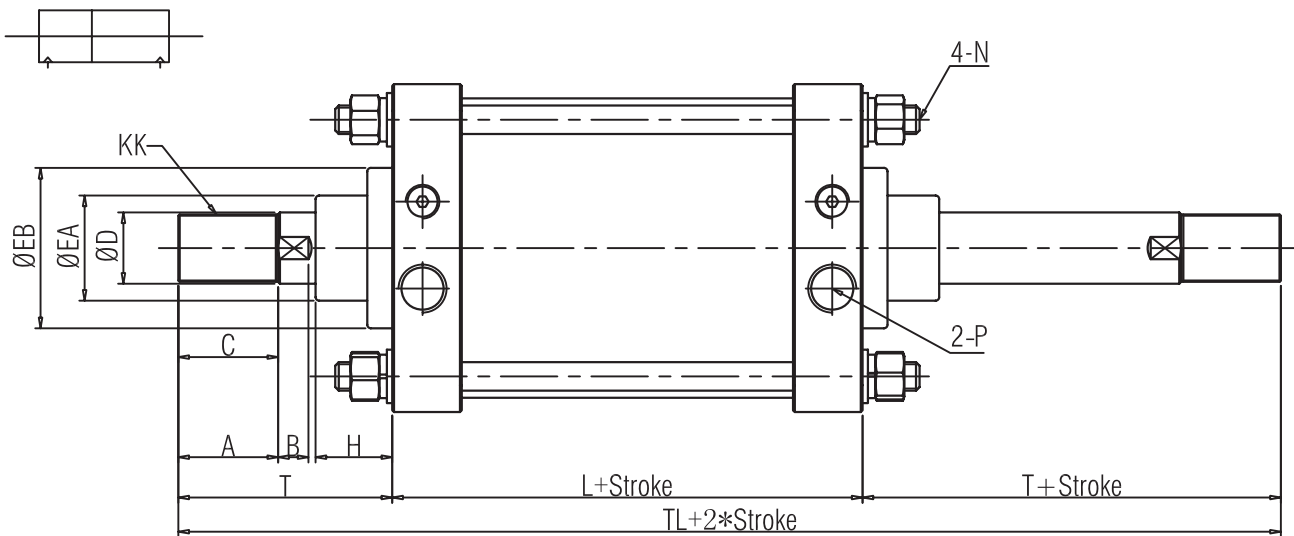


TANAIR

TPCS1 J.I.S TYPE CYLINDER

TYPE W THROUGH ROD TYPE

Notation



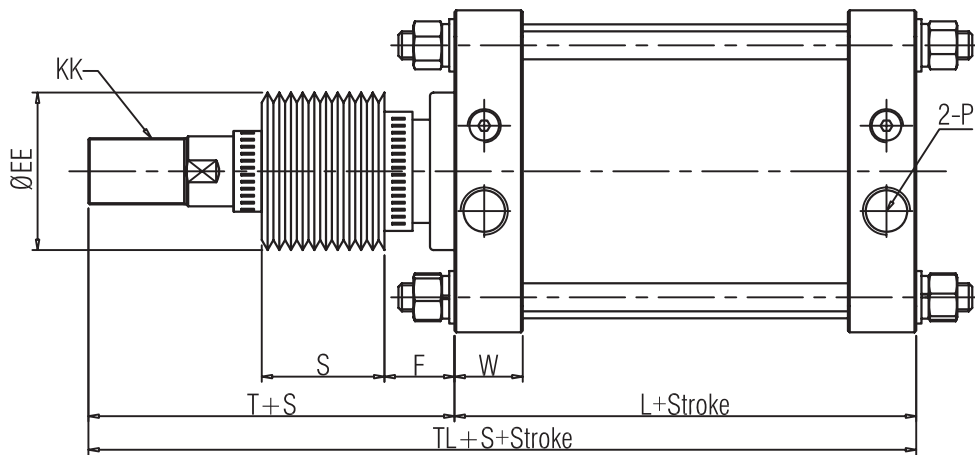
ID(mm)	Stroke Range	C	A	B	T	ØD	ØEB	ØEA	H	KK
125	~1000	47	50	15	110	35	90	59	43	M30X1.5
140	~1000	47	50	15	110	35	90	59	43	M30X1.5
150	~1200	53	56	17	120	40	90	59	43	M36X1.5
160	~1200	53	56	17	120	40	90	59	43	M36X1.5
180	~1400	60	63	20	135	45	115	70	48	M40X1.5
200	~1600	60	63	20	135	50	115	74	48	M45X1.5
250	~1800	67	71	25	160	60	140	96	60	M56X2.0
300	~2000	76	80	30	175	70	140	96	60	M64X2.0

ID(mm)	N	L	P(PT)	TL
125	M14X1.5	98	1/2	318
140	M14X1.5	98	1/2	318
150	M16X1.5	106	3/4	346
160	M16X1.5	106	3/4	346
180	M18X1.5	111	3/4	381
200	M20X1.5	111	3/4	381
250	M24X1.5	141	1	461
300	M30X1.5	146	1	496

TANAIR

TPCS1 J.I.S TYPE CYLINDER

DUST BOOT TYPE J&K



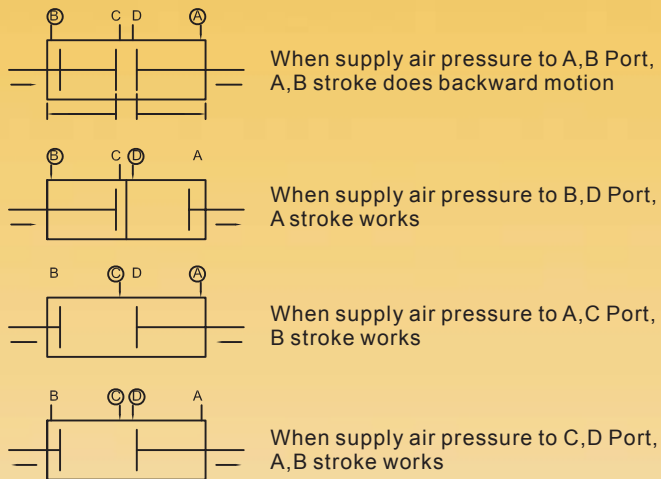
ID(mm)	ØEE	F	B	P(PT)	KK	T	TL	S	W	L
125	90	40	15	1/2	M30X1.5	133	231	0.2×Stroke	35	98
140	90	40	15	1/2	M30X1.5	133	231		35	98
150	90	40	17	3/4	M36X1.5	141	247		39	106
160	90	40	17	3/4	M36X1.5	141	247		39	106
180	115	45	20	3/4	M40X1.5	153	264		39	111
200	115	45	20	3/4	M45X1.5	153	264		39	111
250	140	55	25	1	M56X2.0	176	317	0.17×Stroke	49	141
300	140	55	30	1	M64X2.0	190	336		49	146

TAN AIR

TPCS1 J.I.S TYPE CYLINDER

MULTIPLE-END STROKE DOUBLE END-ROD TYPE TW

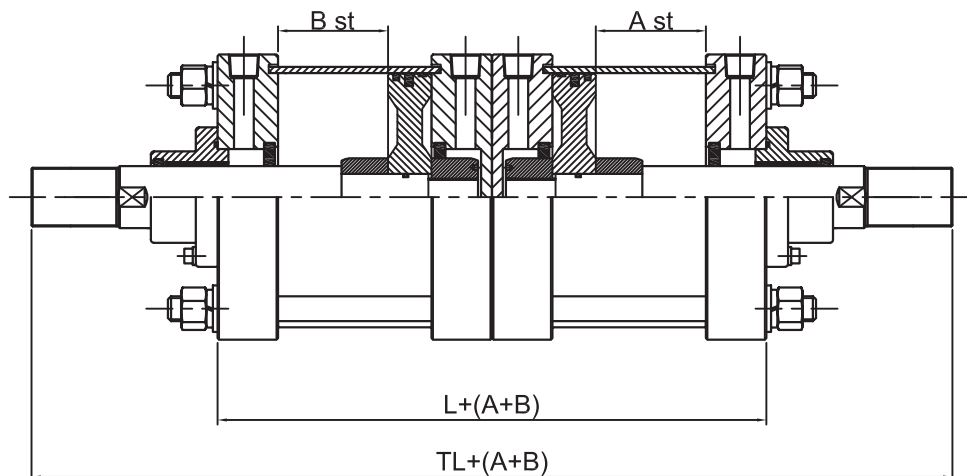
Notation



SPECIFICATIONS

Type	Oiless Type
Fluid	Air
Bearing Pressure	15kgf/cm ²
Max Working Pressure	9.9kgf/cm ²
Min Working Pressure	0.8kgf/cm ²
Working Piston Speed	50-750mm/s
Working Type	Double-Acting
Cushion	Cushion
Mounted Type	Basic Type, Foot Type of shaft direction Flange Type

OUTSIDE DIMENSION DRAWINGS / BASIC TYPE



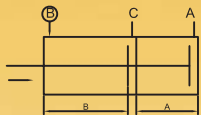
ID(mm)	L	TL
125	196	416
140	196	416
150	212	452
160	212	452
180	222	492
200	222	492
250	282	602
300	292	642

TANAIR

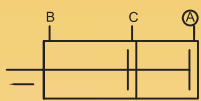
TPCS1 J.I.S TYPE CYLINDER

MULTIPLE-END STROKE SINGLE-ROD TYPE TS

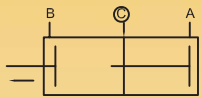
Notation



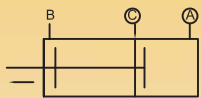
When supply air pressure to B Port,
A,B stroke does backward motion



When supply air pressure to A Port,
A stroke works



When supply air pressure to C Port,
B-A stroke works

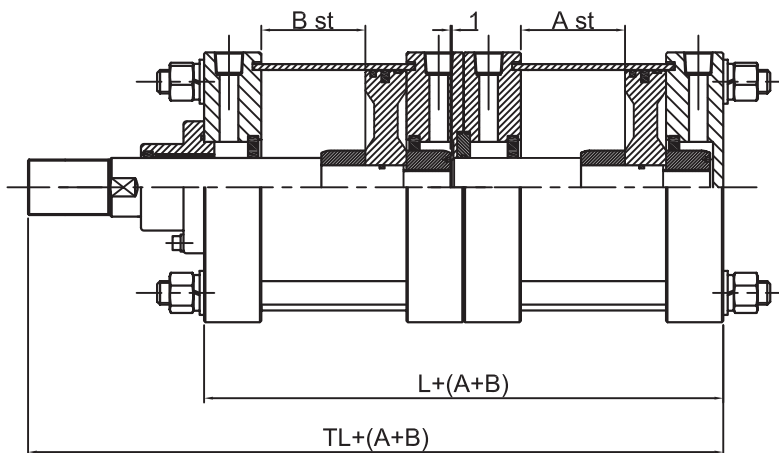


When supply air pressure to A,C Port,
A stroke works

SPECIFICATIONS

Type	Oiless Type
Fluid	Air
Bearing Pressure	15kgf/cm ²
Max Working Pressure	9.9kgf/cm ²
Min Working Pressure	0.8kgf/cm ²
Working Piston Speed	50-750mm/s
Working Type	Double-Acting
Cushion	Cushion
Mounted Type	Basic Type, Foot Type of shaft direction Rod-Side & Head-Side Flange Type

OUTSIDE DIMENSION DRAWINGS / BASIC TYPE



ID(mm)	L	TL
125	196	306
140	196	306
150	212	332
160	212	332
180	222	357
200	222	357
250	282	442
300	292	467

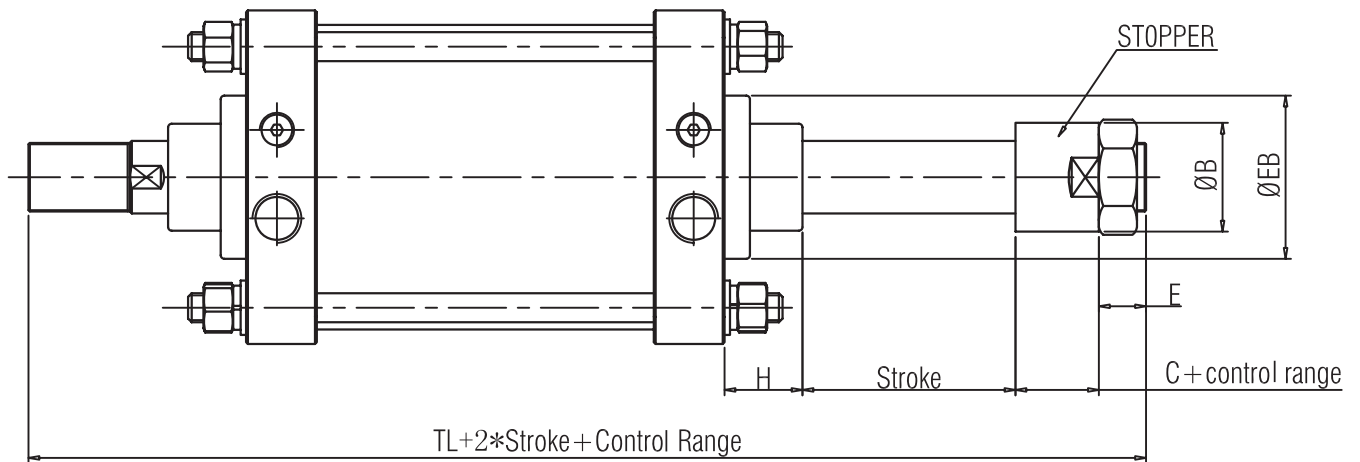
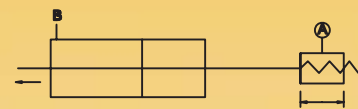
TANAIR

TPCS1 J.I.S TYPE CYLINDER VARIABLE STROKE CYLINDER TYPE/CONTROL TYPE OF FORWARDING MOTION SJ

SPECIFICATIONS

Type	OilessType	Low-Hydraulic Type
Fluid	Air	Hydraulic Working Oil
Bearing Pressure	15kgf/cm ²	
Max Working Pressure	9.9kgf/cm ²	
Min Working Pressure	0.8kgf/cm ²	1kgf/cm ²
Supporting type of Fitting Type	Basic Type, Foot Type, Rod-Side Flange Type	

NOTATION



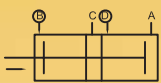
ID(mm)	ØB	C	ØD	E	ØEB	H	ØEA	KK	TL
125	60	37	35	30	90	43	59	M30X1.5	318
140	60	37	35	30	90	43	59	M30X1.5	318
150	60	46	40	26	90	43	59	M36X1.5	341
160	60	46	40	26	90	43	59	M36X1.5	341
180	70	52	45	30	115	48	70	M40X1.5	376
200	70	52	50	30	115	48	74	M45X1.5	376
250	86	60	60	35	140	60	96	M56X2.0	456
300	86	60	70	55	140	60	96	M64X2.0	496

TAN AIR

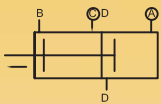
TPCS1 J.I.S TYPE CYLINDER

TANDEM CYLINDER / CYLINDER FOR HEAT RESIST

NOTATION



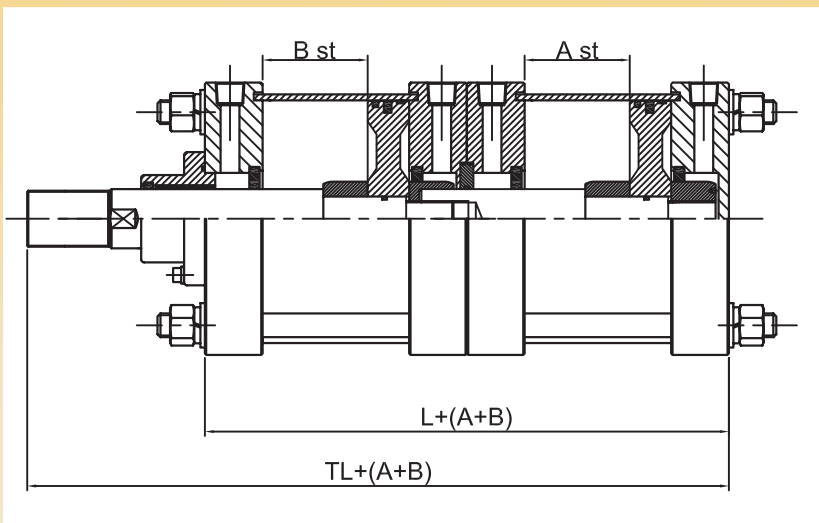
When supply air pressure to B and D Port, can get twice more outputs at backward motion



When supply air pressure to A and C Port, can get twice more outputs at forward motion

SPECIFICATIONS

Type	OilessType	Low-Hydraulic Type
Fluid	Air	Hydraulic Working Oil
Bearing Pressure	15kgf/cm ²	
Max Working Pressure	9.9kgf/cm ²	
Min Working Pressure	0.8kgf/cm ²	1kgf/cm ²
Supporting type of Fitting Type	Basic Type, Foot Type, Rod-Side Flange Type, Head-Side Flange Type, Single thread Clevis Type, Double thread Clevis Type	



ID(mm)	L	TL
125	196	306
140	196	306
150	212	332
160	212	332
180	222	357
200	222	357
250	282	442
300	292	467

CYLINDER FOR HEAT RESIST

SPECIFICATIONS

Type	Oil Supply Type
Inside Diameter	125, 140, 150, 160, 180, 200
Working Temp	-20°C~150°C
Packing Material	VITON(Fluoric Rubber)

CYLINDER FOR HEAT RESIST

SPECIFICATIONS

Type	Oil Supply Type/Oiless Type
Inside Diameter of Tube in cylinder	125, 140, 150, 160, 180, 200, 250, 300
Material of Piston Rod Nut	Stainless Steel