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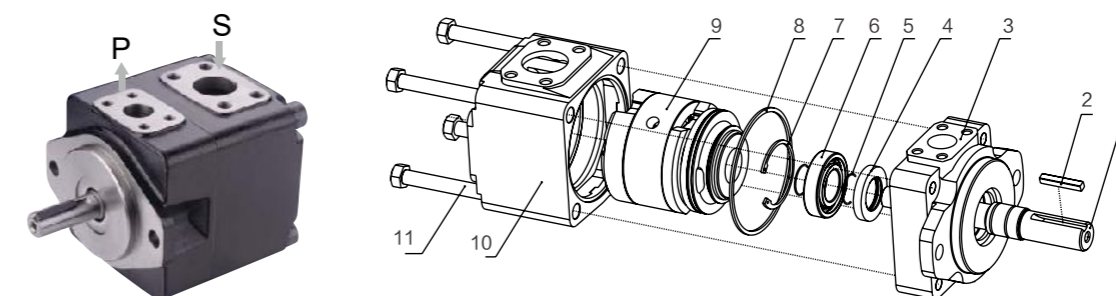
## T6, T7 Series pin Vane Pumps

High pressure and high performance dowel pin type vane pumps are widely used for plastic machinery, casting machinery, metallurgy machinery, pressing machinery, refining machinery, construction machinery, marine-Machinery.

### Features

1. With dowel pin vane structure, it can work in high pressure, low noise and long lifetime.
2. This vane pump can fit wide viscosity hydraulic medium, and be started at low temperature and work at high temperature.
3. As the vane pump adopts bilabial structure vane, it has high oil pollution resistance and wide speed scope.

## T6, T7 Series single pumps



NO.	Part	Qty	NO.	Part	Qty	NO.	名称 Part	Qty
1	shaft	1	5	cir clip for shaft	2	9	cartridge kit	1
2	straight key	1	6	ball bearing	1	10	rear cover	1
3	front cover	1	7	cir clip for hole	1	11	Hexagon head bolt	4
4	shaft seal	1	8	rectangle seal ring	1			

### Model Designation

T7B	S	-B10	-1	R	00	-A	1	01
Series	Type Code	Flow code	Shaft type	Rotation	Outlet positions	Design number	Sealing Level	Port dimensions
T7B	ISO 3019	B02, B03, B04, B05, B06, B07, B08, B10, B12, B15	See of shaft	(Viewed from shaft end of pump) R- right hand for clockwise L- left hand for counter-clockwise	(Viewed from shaft end of pump) 00- Opposite inlet port 01- Inline with inlet 02-° 90° CCW from inlet 03- 90° CW from inlet	A	1-S1, NBR Nitrile rubber 5-S5, Fluororubber	00, 01, See installation dimensions
T7D	Installation Flange S: SAE J744	B14, B17, B20, B22, B24, B28, B31, B35, B38, B42						
T7E	installation flange	042, 045, 050, 052, 054, 057, 062, 066, 072, 085						
T6C	NO: industrial type M: truck type P: truck type double seal kits	003/B03, 005/B05, 006/B06, 008/B08, 010/B10, 012/B12, 014/B14, 017/B17, 020/B20, 022/B22, 025/B25, 028/B28, 031/B31						
T6D		014/B14, 017/B17, 020/B20, 024/B24, 028/B28, 031/B31, 035/B35, 038/B38, 042/B42, 045/B45, 050/B50, 061						
T6E		042, 045, 050, 052, 057, 062, 066, 072, 085						

003/B03 In displacement code, 0 means single steering valve plate structure, B means the two steering valve plate structure.

Technical Data

series	Flow code (USgpm)	Geometric displacement mL/r	Max.pressure Mpa						Max.speed r/min		Min. speed r/min									
			Anti wear hydraulic oil		General hydraulic oil or phosphate ester fluid		Water glycol fluid or water-oil emulsions		General hydraulic oil or antiwear hydraulic oil	Water glycol fluid or phosphate ester fluid or water-oil emulsions										
			Instant	Continuous	Instant	Continuous	Instant	Continuous												
T7B T7BS	B02	5.8	35	32	24	21	17.5	14	3600	1800	600									
	B03	9.8																		
	B04	12.8																		
	B05	15.9																		
	B06	19.8																		
	B07	22.5																		
	B08	24.9																		
	B10	31.8																		
	B12	41.0										30	27.5	24	21	17.5	14	3000	1800	600
	B15	50.0										28	24							
T7D T7DS	B14	44.0	30	25	24	21	17.5	14	3000	1800	600									
	B17	55.0																		
	B20	66.0																		
	B22	70.3																		
	B24	81.1																		
	B28	90.0																		
	B31	99.2																		
	B35	113.4										28	25	24	21	17.5	14	2800	1800	600
	B38	120.6																		
B42	137.5	26	23	24	21	17.5	14	2500	1800	600										
T7E T7ES	042	132.3	24	21	21	17.5	17.5	14	2200	1800	600									
	045	142.4																		
	050	158.5																		
	052	164.8																		
	054	171.0																		
	057	183.3																		
	062	196.7																		
	066	213.3																		
	072	227.1																		
	085	268.7										9	7.5	7.5	7.5	7.5	7.5	2000	1800	600

Technical Data

Series	Flow code (USgpm)	Geometric displacement mL/r	Max.pressure Mpa						Max.speed r/min		Min. speed r/min									
			Antiwear hydraulic oil		General hydraulic oil or phosphate ester fluid		Water glycol fluid or water-oil emulsions		General hydraulic oil or antiwear hydraulic oil	Water glycol fluid or phosphate ester fluid or water-oil emulsions										
			Instant	Continuous	Instant	Continuous	Instant	Continuous												
T6C	003/B03	10.8	28	24	21	17.5	17.5	14	2800	1800	600									
	005/B05	17.2																		
	006/B06	21.3																		
	008/B08	26.4																		
	010/B10	34.1																		
	012/B12	37.1																		
	014/B14	46.0																		
	017/B17	58.3																		
	020/B20	63.8																		
	022/B22	70.3																		
	025/B25	79.3										21	16	21	16	17.5	14	2500	1800	600
	028/B28	88.8																		
	031/B31	100.0																		
	T6D	014/B14										47.6	25	21	21	17.5	17.5	14	2500	1800
017/B17		58.2																		
020/B20		66.0																		
024/B24		79.5																		
028/B28		89.7																		
031/B31		98.3																		
035/B35		111.0																		
038/B38		120.3																		
042/B42		136.0	21	16	21	16	17.5	14	2200	1800	600									
045/B45		145.7																		
050/B50		158.0	12	8	8	8	7.5	7.5	2000	1800	600									
T6E	042	132.3	25	21	21	17.5	17.5	14	2200	1800	600									
	045	142.4																		
	050	158.5																		
	052	164.8																		
	057	179.8																		
	062	196.7																		
	066	213.3																		
	072	227.1																		
	085	269.0										12	8	12	8	7.5	7.5	2000	1800	600

003/B03 In displacement code, 0 means single steering valve plate structure, B means the two steering valve plate structure.

## Operation Performance

Using the anti-wear hydraulic oil, the oil viscosity 24cst.

Series	Geological Displaceme-nt mL/rev	Rotation speed r/min	Flow (L/min)							Input Power (KW)						
			P=0 MPa	P=7 MPa	P=14 MPa	P=21 MPa	P=24 MPa	P=28 MPa	P=32 MPa	P=0.7 MPa	P=7 MPa	P=14 MPa	P=21 MPa	P=24 MPa	P=28 MPa	P=32 MPa
			L/min	L/min	L/min	L/min	L/min	L/min	L/min	KW	KW	KW	KW	KW	KW	KW
T7B(S)-B02	5.8	1000	5.8	4.9	4.2	3.3	-	-	-	0.2	0.9	1.7	2.5	-	-	-
		1200	7.0	6.1	5.4	4.5	4.0	-	-	0.4	1.3	2.2	3.2	3.6	-	-
		1500	8.7	7.8	7.1	6.2	5.7	5.2	4.7	0.6	1.7	2.8	4.0	4.5	5.2	5.9
		1800	10.4	9.5	8.8	7.9	7.4	6.9	6.4	0.7	2.0	3.4	5.0	5.6	6.4	7.2
T7B(S)-B03	9.8	1000	9.8	8.9	8.2	7.3	6.8	6.3	5.8	0.2	1.3	2.6	3.9	4.5	5.2	6.0
		1200	11.8	10.9	10.2	9.3	8.8	8.3	7.8	0.4	1.8	3.3	4.9	5.5	6.4	7.3
		1500	14.7	13.8	13.1	12.2	11.7	11.2	10.7	0.7	2.4	4.2	6.1	6.9	8.0	9.1
		1800	17.6	16.7	16.0	15.1	14.6	14.1	13.6	0.8	2.8	5.1	7.5	8.5	9.7	11.0
T7B(S)-B04	12.8	1000	12.8	11.9	11.2	10.3	9.8	9.3	8.8	0.2	1.7	3.3	5.0	5.7	6.6	7.6
		1200	15.4	14.5	13.8	12.9	12.4	11.9	11.4	0.5	2.2	4.2	6.1	6.9	8.1	9.2
		1500	19.2	18.3	17.6	16.7	16.2	15.7	15.2	0.7	2.9	5.3	7.7	8.7	10.1	11.5
		1800	23.0	22.1	21.4	20.5	20.0	19.5	19.0	0.9	3.4	6.4	9.4	10.6	12.3	13.9
T7B(S)-B05	15.9	1000	15.9	15.0	14.3	13.4	12.9	12.4	11.9	0.3	2.1	4.1	6.0	6.9	8.1	9.2
		1200	19.1	18.2	17.5	16.6	16.1	15.6	15.1	0.5	2.7	5.0	7.4	8.4	9.8	11.2
		1500	23.9	23.0	22.3	21.4	20.9	20.4	19.9	0.8	3.4	6.4	9.3	10.6	12.3	14.0
		1800	28.6	27.7	27.0	26.1	25.6	25.1	24.6	0.9	4.1	7.7	11.3	12.8	14.9	16.9
T7B(S)-B06	19.8	1000	19.8	18.9	18.2	17.3	16.8	16.3	15.8	0.3	2.5	5.0	7.4	8.5	9.9	11.3
		1200	23.8	22.9	22.2	21.3	20.8	20.3	19.8	0.6	3.2	6.1	9.1	10.3	12.0	13.7
		1500	29.7	28.8	28.1	27.2	26.7	26.2	25.7	0.8	4.1	7.7	11.4	12.9	15.0	17.1
		1800	35.6	34.7	34.0	33.1	32.6	32.1	31.6	1.0	4.9	9.3	13.8	15.7	18.1	20.6
T7B(S)-B07	22.5	1000	22.5	21.6	20.9	20.0	19.5	19.0	18.5	0.4	2.8	5.6	8.3	9.6	11.2	12.8
		1200	27.0	26.1	25.4	24.5	24.0	23.5	23.0	0.6	3.6	6.9	10.2	11.6	13.5	15.4
		1500	33.8	32.9	32.2	31.3	30.8	30.3	29.8	0.9	4.6	8.7	12.8	14.6	16.9	19.3
		1800	40.5	39.6	38.9	38.0	37.5	37.0	36.5	1.1	5.5	10.5	15.5	17.6	20.4	23.2
T7B(S)-B08	24.9	1000	24.9	24.0	23.3	22.4	21.9	21.4	20.9	0.4	3.1	6.2	9.2	10.5	12.3	14.0
		1200	29.9	29.0	28.3	27.4	26.9	26.4	25.9	0.6	3.9	7.6	11.2	12.8	14.8	16.9
		1500	37.4	36.5	35.8	34.9	34.4	33.9	33.4	0.9	5.0	9.5	14.1	16.0	18.6	21.2
		1800	44.8	43.9	43.2	42.3	41.8	41.3	40.8	1.1	6.0	11.5	17.0	19.3	22.4	25.5
T7B(S)-B10	31.8	1000	31.8	30.9	30.2	29.3	28.8	28.3	27.8	0.5	3.9	7.8	11.6	13.3	15.5	17.7
		1200	38.2	37.3	36.6	35.7	35.2	34.7	34.2	0.7	4.9	9.5	14.1	16.1	18.7	21.4
		1500	47.7	46.8	46.1	45.2	44.7	44.2	43.7	1.1	6.2	11.9	17.7	20.1	23.4	26.7
		1800	57.2	56.3	55.6	54.7	54.2	53.7	53.2	1.3	7.4	14.4	21.3	24.3	28.2	32.1
T7B(S)-B12	41.0	1000	41.0	40.1	39.4	38.5	38.0	37.5	-	0.6	5.0	9.9	14.8	17.0	19.8	-
		1200	49.2	48.3	47.6	46.7	46.2	45.7	-	0.9	6.2	12.1	18.0	20.5	23.9	-
		1500	61.5	60.6	59.9	59.0	58.5	58.0	-	1.2	7.8	15.2	22.5	25.7	29.9	-
		1800	73.8	72.9	72.2	71.3	70.8	70.3	-	1.5	9.4	18.2	27.1	30.9	35.9	-
T7B(S)-B15	50.0	1000	50.0	49.1	48.4	47.5	47.0	46.5	-	0.7	6.0	12.0	18.0	20.6	24.0	-
		1200	60.0	59.1	58.4	57.5	57	56.5	-	1.0	7.4	14.6	21.7	24.8	28.9	-
		1500	75.0	74.1	73.4	72.5	72.0	71.5	-	1.4	9.4	18.3	27.2	31.1	36.2	-
		1800	90.0	89.1	88.4	87.5	87.0	86.5	-	1.7	11.3	22.0	32.8	37.4	43.5	-

## Operation Performance

Using the anti-wear hydraulic oil, the oil viscosity 24cst.

Series	Geological Displaceme-nt mL/rev	Rotation speed r/min	Flow (L/min)		
			P=0 MPa	P=14 MPa	P=30 MPa
			L/min	L/min	L/min
T7D(S)-B14	44.0	1000	44.0	37.4	29.9
		1200	52.8	46.2	38.7
		1500	66.0	59.4	51.9
		1800	79.2	72.6	65.1
T7D(S)-B17	55.0	1000	55.0	48.4	40.9
		1200	66.0	59.4	51.9
		1500	82.5	75.9	68.4
		1800	99.0	92.4	84.9
T7D(S)-B20	66.0	1000	66.0	59.4	51.9
		1200	79.2	72.6	65.1
		1500	99.0	92.4	84.9
		1800	118.8	112.2	104.7
T7D(S)-B22	70.3	1000	70.3	63.7	56.2
		1200	84.4	77.8	70.3
		1500	105.5	98.8	91.4
		1800	126.5	119.9	112.4
T7D(S)-B24	81.1	1000	81.1	74.5	67
		1200	97.3	90.7	83.2
		1500	121.7	115.1	107.6
		1800	146.0	139.4	131.9
T7D(S)-B28	90.0	1000	90.0	83.4	75.9
		1200	108.0	101.4	93.9
		1500	135.0	128.4	120.9
		1800	162.0	155.4	147.9
T7D(S)-B31	99.2	1000	99.2	92.6	85.1
		1200	119.8	113.2	105.7
		1500	148.8	142.2	134.7
		1800	178.6	172.0	164.5
T7D(S)-B35	113.4	1000	113.4	106.8	-
		1200	136.1	129.5	-
		1500	170.1	163.5	-
		1800	204.1	197.5	-
T7D(S)-B38	120.6	1000	120.6	114.0	-
		1200	144.7	138.1	-
		1500	180.9	174.3	-
		1800	217.1	210.5	-
T7D(S)-B42	137.5	1000	137.5	130.9	-
		1200	165.0	158.4	-
		1500	206.3	199.7	-
		1800	247.5	240.9	-

Series	Input Power (KW)		
	P=0.7 MPa	P=14 MPa	P=30 MPa
	KW	KW	KW
T7D(S)-B14	1.5	16.6	34.2
T7D(S)-B17	1.7	20.4	42.4
T7D(S)-B20	1.9	24.3	50.7
T7D(S)-B22	2.0	25.8	53.9
T7D(S)-B24	2.2	29.5	62.0
T7D(S)-B28	2.3	32.7	68.7
T7D(S)-B31	2.5	35.9	75.6
T7D(S)-B35	2.7	40.8	-
T7D(S)-B38	2.9	43.4	-
T7D(S)-B42	3.2	49.3	-

## Operation Performance

Using the anti-wear hydraulic oil, the oil viscosity 24cst.

Series	Displacement mL/rev	Rotation speed r/min	Flow (L/min)		
			P=0 MPa	P=14 MPa	P=24 MPa
			L/min	L/min	L/min
T7E(S)-042	132.3	1000	132.3	122.3	115.2
		1200	158.8	150.8	143.7
		1500	198.5	188.5	181.4
		1800	238.1	228.1	221.0
T7E(S)-045	142.4	1000	142.4	132.4	125.3
		1200	170.9	160.9	153.8
		1500	213.6	203.6	196.5
		1800	256.3	246.3	239.2
T7E(S)-050	158.5	1000	158.5	158.5	141.4
		1200	190.2	180.2	173.1
		1500	237.7	227.7	220.6
		1800	285.3	275.3	268.2
T7E(S)-052	164.8	1000	164.8	154.8	147.7
		1200	197.8	187.8	180.7
		1500	247.2	237.2	230.1
		1800	296.6	286.6	279.5
T7E(S)-054	171.0	1000	171.0	161.0	153.9
		1200	205.2	195.2	188.1
		1500	256.5	246.5	239.4
		1800	307.8	297.8	290.7
T7E(S)-057	183.3	1000	183.3	173.3	166.2
		1200	220.0	210.0	202.9
		1500	275.0	265.0	257.9
		1800	330.0	320.0	312.9
T7E(S)-062	196.7	1000	196.7	186.7	179.6
		1200	236.0	226.0	218.9
		1500	295.0	285.0	277.9
		1800	354.1	344.1	337.0
T7E(S)-066	213.3	1000	213.3	203.3	196.2
		1200	256.0	246.0	238.9
		1500	319.9	309.0	302.8
		1800	384.0	374.0	366.9
T7E(S)-072	227.1	1000	227.1	217.1	210.0
		1200	272.5	262.5	255.4
		1500	340.6	330.6	323.5
		1800	408.8	398.8	391.7
T7E(S)-085*	268.7	1000	268.7	-	-
		1200	322.4	-	-
		1500	403.0	-	-
		1800	483.7	-	-

085\* The max rotation speed is 2000r/min, and the max intermittent pressure is 9MPa.

## Operation Performance

Using the anti-wear hydraulic oil, the oil viscosity 24cst.

Series	Geological Displacement mL/rev	Rotation speed r/min	Flow (L/min)						Input Power (KW)					
			P=0 MPa	P=7 MPa	P=14 MPa	P=21 MPa	P=24 MPa	P=28 MPa	P=0 MPa	P=7 MPa	P=14 MPa	P=21 MPa	P=24 MPa	P=28 MPa
			L/min	L/min	L/min	L/min	L/min	L/min	KW	KW	KW	KW	KW	KW
T6C-003 T6C-B03	10.8	1000	10.8	8.3	5.8	-	-	-	0.9	2.2	3.7	-	-	-
		1200	13.0	10.5	8.0	-	-	-	1.1	2.6	4.4	-	-	-
		1500	16.2	13.7	11.2	8.7	8.2	-	1.3	3.3	5.4	7.6	8.5	-
		1800	19.4	16.9	14.4	11.9	11.4	10.3	1.7	4.0	6.4	8.9	10.0	11.5
T6C-005 T6C-B05	17.2	1000	17.2	14.7	12.2	9.7	9.2	-	1.0	3.0	5.2	7.4	8.4	-
		1200	20.6	18.1	15.6	13.1	12.6	11.5	1.1	3.5	6.2	8.8	10.0	11.5
		1500	25.8	23.3	20.8	18.3	17.8	16.7	1.4	4.4	7.7	10.9	12.3	14.1
		1800	31.0	28.5	26.0	23.5	23.0	21.9	1.9	5.3	9.1	13.0	14.6	16.8
T6C-006 T6C-B06	21.3	1000	21.3	18.8	16.3	13.8	13.3	12.2	1.0	3.4	6.1	8.9	10.0	11.5
		1200	25.6	23.1	20.6	18.1	17.6	16.5	1.2	4.1	7.3	10.5	11.9	13.8
		1500	32.0	29.5	27.0	24.5	24.0	22.9	1.5	5.1	9.1	13.1	14.8	17.0
		1800	38.3	35.8	33.3	30.8	30.3	29.2	1.9	6.2	10.8	15.6	17.6	20.3
T6C-008 T6C-B08	26.4	1000	26.4	23.9	21.4	18.9	18.4	17.3	1.1	4.0	7.3	10.6	12.0	13.9
		1200	31.7	29.2	26.7	24.2	23.7	22.6	1.3	4.8	8.7	12.7	14.4	16.6
		1500	39.6	37.1	34.6	32.1	31.6	30.5	1.6	6.0	10.9	15.8	17.8	20.6
		1800	47.5	45.0	42.5	40.0	39.5	38.4	2.1	7.2	13.0	18.8	21.3	24.6
T6C-010 T6C-B10	34.1	1000	34.1	31.6	29.1	26.6	26.1	25.0	1.2	4.9	9.1	13.3	15.1	17.5
		1200	40.9	38.4	35.9	33.4	32.9	31.8	1.4	5.9	10.9	15.9	18.1	20.9
		1500	51.2	48.7	46.2	43.7	43.2	42.1	1.7	7.3	13.6	19.8	22.5	26.0
		1800	61.4	58.9	56.4	53.9	53.4	52.3	2.2	8.9	16.2	23.6	26.8	31.0
T6C-012 T6C-B12	37.1	1000	37.1	34.6	32.1	29.6	29.1	28.0	1.2	5.3	9.8	14.4	16.3	18.9
		1200	44.5	42.0	39.5	37.0	36.5	35.4	1.4	6.3	11.7	17.2	19.5	22.6
		1500	55.7	53.2	50.7	48.2	47.7	46.6	1.7	7.9	14.6	21.4	24.3	28.1
		1800	66.8	64.3	61.8	59.3	58.8	57.7	2.3	9.5	17.5	25.5	29.0	33.6
T6C-014 T6C-B14	46.0	1000	46.0	43.5	41.0	38.5	38.0	36.9	1.3	6.3	11.9	17.5	19.9	23.1
		1200	55.2	52.7	50.2	47.7	47.2	46.1	1.5	7.6	14.2	20.9	23.8	27.6
		1500	69.0	66.5	64.0	61.5	61.0	59.9	1.9	9.4	17.7	26.1	29.6	34.3
		1800	82.8	80.3	77.8	75.3	74.8	73.7	2.5	11.4	21.2	31.1	35.4	41.0

## Operation Performance

Using the anti-wear hydraulic oil, the oil viscosity 24cst.

Series	Geological Displacement mL/rev	Rotation speed r/min	Flow (L/min)						Input Power (KW)					
			P=0 MPa	P=7 MPa	P=14 MPa	P=21 MPa	P=24 MPa	P=28 MPa	P=0 MPa	P=7 MPa	P=14 MPa	P=21 MPa	P=24 MPa	P=28 MPa
			L/min	L/min	L/min	L/min	L/min	L/min	KW	KW	KW	KW	KW	
T6C-017 T6C-B17	58.3	1000	58.3	55.8	53.3	50.8	50.3	49.2	1.5	7.8	14.8	21.8	24.8	28.8
		1200	70.0	67.5	65.0	62.5	62.0	60.9	1.7	9.3	17.7	26.1	29.7	34.5
		1500	87.5	85.0	82.5	80.0	79.5	78.4	2.1	11.6	22.0	32.5	37.0	42.9
		1800	104.9	102.4	99.9	97.4	96.9	95.8	2.7	13.9	26.4	38.9	44.2	51.4
T6C-020 T6C-B20	63.8	1000	63.8	61.3	58.8	56.3	55.8	54.7	1.5	8.4	16.0	23.7	27.0	31.4
		1200	76.6	74.1	71.6	69.1	68.6	67.5	1.8	10.0	19.2	28.4	32.3	37.6
		1500	95.7	93.2	90.7	88.2	87.7	86.6	2.2	12.5	24.0	35.4	40.3	46.8
		1800	114.8	112.3	109.8	107.3	106.8	105.7	2.8	15.1	28.7	42.3	48.2	56.0
T6C-022 T6C-B22	70.3	1000	70.3	67.8	65.3	62.8	62.3	61.2	1.6	9.2	17.6	26.0	29.6	34.4
		1200	84.4	81.9	79.4	76.9	76.4	75.3	1.9	11.0	21.0	31.1	35.5	41.2
		1500	105.5	103.0	100.5	98.0	97.5	96.4	2.3	13.7	26.2	38.8	44.2	51.3
		1800	126.5	124.0	121.5	119.0	118.5	117.4	3.0	16.5	31.4	46.4	52.9	61.5
T6C-025 T6C-B25	79.3	1000	79.3	76.8	74.3	71.8	71.3	70.2	1.7	10.2	19.7	29.2	33.2	38.6
		1200	95.2	92.7	90.2	87.7	87.2	86.1	2.0	12.2	23.6	34.9	39.8	46.3
		1500	119.0	116.5	114.0	111.5	111.0	109.9	2.5	15.2	29.4	43.5	49.6	57.6
		1800	142.7	140.2	137.7	135.2	134.7	133.6	3.2	18.4	35.2	52.1	59.3	69.0
T6C-028* T6C-B28	88.8	1000	88.8	86.3	83.8	81.3	-	-	1.8	11.3	21.9	32.5	-	-
		1200	106.6	104.1	101.6	99.1	-	-	2.1	13.5	26.2	38.9	-	-
		1500	133.2	130.7	128.2	125.7	-	-	2.7	16.9	32.7	48.5	-	-
		1800	159.8	157.3	154.8	152.3	-	-	3.4	20.3	39.2	58.1	-	-
T6C-031* T6C-B31	100.0	1000	100.0	97.5	95.0	92.5	-	-	2.0	12.6	24.5	36.4	-	-
		1200	120.0	117.5	115.0	112.5	-	-	2.3	15.1	29.4	43.6	-	-
		1500	150.0	147.5	145.0	142.5	-	-	2.9	18.9	36.6	54.4	-	-
		1800	180.0	177.5	175.0	172.5	-	-	3.6	22.7	43.9	65.1	-	-

028\* / 031\* 最大间歇压力21MPa。 - 因为内泄大于理论值的50%，故没有应用。  
The max intermittent pressure is 21MPa. - AS the inner leakage is over 50% of theoretical value, so it is not used

## Operation Performance

Using the anti-wear hydraulic oil, the oil viscosity 24cst.

Series	Displacement mL/rev	Rotation speed r/min	Flow (L/min)					Input Power (KW)				
			P=0 MPa	P=7 MPa	P=14 MPa	P=21 MPa	P=24 MPa	P=0 MPa	P=7 MPa	P=14 MPa	P=21 MPa	P=24 MPa
			L/min	L/min	L/min	L/min	L/min	KW	KW	KW	KW	KW
T6D-014 T6D-B14	47.6	1000	47.6	43.6	38.6	34.6	32.6	1.6	6.8	12.5	18.3	20.7
		1200	57.1	53.1	48.1	44.1	42.1	1.8	8.0	14.9	21.8	24.8
		1500	71.4	67.4	62.4	58.4	56.4	2.3	10.0	18.5	27.0	30.7
T6D-017 T6D-B17	58.2	1000	58.2	54.2	49.2	45.2	43.2	1.7	8.0	15.0	22.0	25.0
		1200	69.8	65.8	60.8	56.8	54.8	1.9	9.5	17.9	26.3	29.9
		1500	87.3	83.3	78.3	74.3	72.3	2.5	11.8	22.2	32.6	37.0
T6D-020 T6D-B20	66.0	1000	66.0	62.0	57.0	53.0	51.0	1.8	8.9	16.8	24.7	28.1
		1200	79.2	75.2	70.2	66.2	64.2	2.1	10.6	20.1	29.6	33.6
		1500	99.0	95.0	90.0	86.0	84.0	2.7	13.2	24.9	36.7	41.7
		1800	118.8	114.8	109.8	105.8	103.8	3.3	16.0	30.1	44.1	50.1
T6D-024 T6D-B24	79.5	1000	79.5	75.5	70.5	66.5	64.5	1.9	10.5	20.0	29.4	33.5
		1200	95.4	91.4	86.4	82.4	80.4	2.2	12.5	23.9	35.2	40.1
		1500	119.3	115.3	110.3	106.3	104.3	2.9	15.6	29.7	43.7	49.8
T6D-028 T6D-B28	89.7	1000	89.7	85.7	80.7	76.7	74.7	2.0	11.7	22.3	33.0	37.5
		1200	107.6	103.6	98.6	94.6	92.6	2.4	13.9	26.7	39.5	45.0
		1500	134.6	130.6	125.6	121.6	119.6	3.1	17.4	33.2	49.1	55.9
T6D-031 T6D-B31	98.3	1000	98.3	94.3	89.3	85.3	83.3	2.1	12.7	24.3	36.0	41.0
		1200	118.0	114.0	109.0	105.0	103.0	2.5	15.1	29.1	43.1	49.1
		1500	147.5	143.5	138.5	134.5	132.5	3.2	18.9	36.2	53.6	61.1
		1800	176.9	172.9	167.9	163.9	161.9	4.0	22.8	43.6	64.5	73.4
T6D-035 T6D-B35	111.0	1000	111.0	107.0	102.0	98.0	96.0	2.3	14.2	27.3	40.5	46.1
		1200	133.2	129.2	124.2	120.2	118.2	2.7	16.9	32.7	48.5	55.2
		1500	166.5	162.5	157.5	153.5	151.5	3.4	21.1	40.7	60.3	68.7
T6D-038 T6D-B38	120.3	1000	120.3	116.3	111.3	107.3	105.3	2.4	15.2	29.5	43.7	49.8
		1200	144.4	140.4	135.4	131.4	129.4	2.8	18.2	35.3	52.4	59.7
		1500	180.5	176.5	171.5	167.5	165.5	3.6	22.7	43.9	65.2	74.3
		1800	216.5	212.5	207.5	203.5	201.5	4.4	27.4	52.9	78.3	89.2
T6D-042 T6D-B42	136.0	1000	136.0	132.0	127.0	123.0	121.0	2.6	17.1	33.1	49.2	56.1
		1200	163.2	159.2	154.2	150.2	148.2	3.0	20.4	39.7	59.0	67.2
		1500	204.0	200.0	195.0	191.0	189.0	3.9	25.5	49.4	73.4	83.7
T6D-045 T6D-B045	145.7	1000	145.7	141.7	136.7	132.7	130.7	2.7	18.2	35.4	52.6	59.9
		1200	174.8	170.8	165.8	161.8	159.8	3.2	21.7	42.4	63.0	71.9
		1500	218.6	214.6	209.6	205.6	203.6	4.0	27.2	52.8	78.5	89.5
		1800	262.3	258.3	253.3	249.3	247.3	5.0	32.7	63.5	94.3	107.5
T6D-050* T6D-B50	158.0	1000	158.0	154.0	149.0	145.0	-	2.8	19.6	38.3	56.9	-
		1200	189.6	185.6	180.6	176.6	-	3.3	23.5	45.8	68.2	-
		1500	237.0	233.0	228.0	224.0	-	4.3	29.3	57.1	85.0	-
		1800	284.4	280.4	275.4	271.4	-	5.2	35.3	68.7	102.1	-

050 \* The max intermittent pressure is 21MPa

## Operation Performance

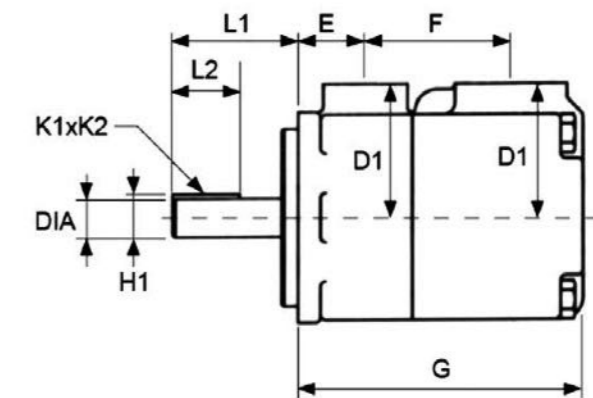
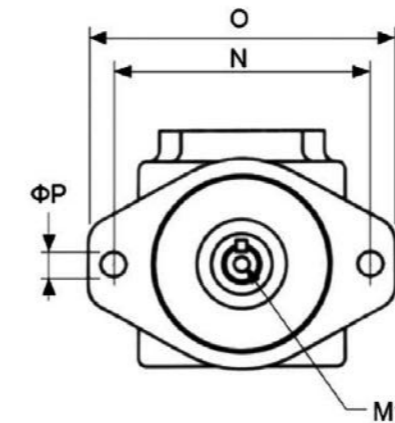
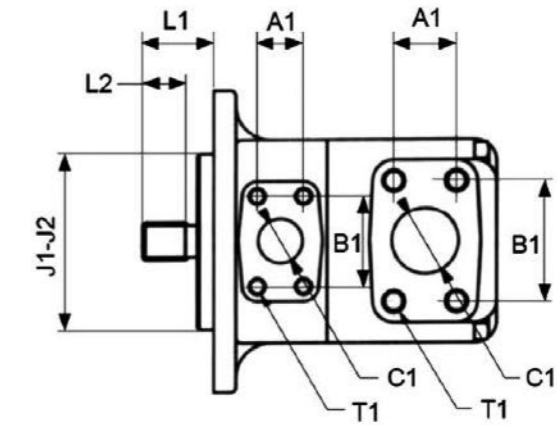
Using the anti-wear hydraulic oil, the oil viscosity 24cst.

Series	Displacement mL/rev	Rotation speed r/min	Flow (L/min)					Input Power (KW)				
			P=0 MPa	P=7 MPa	P=14 MPa	P=21 MPa	P=24 MPa	P=0 MPa	P=7 MPa	P=14 MPa	P=21 MPa	P=24 MPa
			L/min	L/min	L/min	L/min	L/min	KW	KW	KW	KW	KW
T6E-042	132.3	1000	132.3	127.3	122.3	117.3	115.3	3.3	17.4	33.0	48.5	55.2
		1200	158.8	153.8	148.8	143.8	141.8	4.0	20.8	39.5	58.3	66.3
		1500	198.5	193.5	188.5	183.5	181.5	5.2	26.2	49.4	72.7	82.7
		1800	238.1	233.1	228.1	223.1	221.1	6.4	31.5	59.4	87.3	99.4
T6E-045	142.4	1000	142.4	137.4	132.4	127.4	125.4	3.5	18.6	35.3	52.1	59.3
		1200	170.9	165.9	160.9	155.9	153.9	4.1	22.2	42.4	62.5	71.2
		1500	213.6	208.6	203.6	198.6	196.6	5.4	27.9	52.9	78.0	88.8
		1800	256.3	251.3	246.3	241.3	239.3	6.6	33.6	63.7	93.7	106.6
T6E-050	158.5	1000	158.5	153.5	148.5	143.5	141.5	3.6	20.4	39.1	57.7	65.7
		1200	190.2	185.2	180.2	175.2	173.2	4.3	24.5	46.9	69.3	78.9
		1500	237.8	232.8	227.8	222.8	220.8	5.7	30.7	58.6	86.5	98.4
		1800	285.3	280.3	275.3	270.3	268.3	6.9	37.0	70.4	103.9	118.2
T6E-052	164.8	1000	164.8	159.8	154.8	149.8	147.8	3.7	21.2	40.6	59.9	68.2
		1200	197.8	192.8	187.8	182.8	180.8	4.4	25.4	48.6	71.9	81.9
		1500	247.2	242.2	237.2	232.2	230.2	5.8	31.8	60.8	89.8	102.2
		1800	296.6	291.6	286.6	281.6	279.6	7.1	38.3	73.1	107.8	122.8
T6E-057	179.8	1000	179.8	174.8	169.8	164.8	162.8	3.9	22.9	44.1	65.2	74.2
		1200	215.8	210.8	205.8	200.8	198.8	4.6	27.5	52.8	78.2	89.1
		1500	269.7	264.7	259.7	254.7	252.7	6.0	34.5	66.0	97.6	111.2
		1800	323.6	318.6	313.6	308.6	306.6	7.4	41.5	79.4	117.3	133.6
T6E-062	196.7	1000	196.7	191.7	186.7	181.7	179.7	4.1	24.9	48.0	71.1	81.0
		1200	236.0	231.0	226.0	221.0	219.0	4.9	29.8	57.6	85.3	97.2
		1500	295.1	290.1	285.1	280.1	278.1	6.3	37.4	71.9	106.5	121.3
		1800	354.1	349.1	344.1	339.1	337.1	7.7	45.0	86.5	127.9	145.7
T6E-066	213.3	1000	213.3	208.3	203.3	198.3	196.3	4.3	26.8	51.9	76.9	87.6
		1200	256.0	251.0	246.0	241.0	239.0	5.1	32.2	62.2	92.3	105.2
		1500	320.0	315.0	310.0	305.0	303.0	6.6	40.3	77.8	115.2	131.3
		1800	383.9	378.9	373.9	368.9	366.9	8.1	48.5	93.4	138.4	157.7
T6E-072	227.1	1000	227.1	222.1	217.1	212.1	210.1	4.4	28.4	55.1	81.7	93.1
		1200	272.5	267.5	262.5	257.5	255.5	5.3	34.1	66.1	98.1	111.8
		1500	340.7	335.7	330.7	325.7	323.7	6.9	42.7	82.6	122.5	139.6
		1800	408.8	403.8	398.8	393.8	391.8	8.4	51.4	99.2	147.1	167.6
T6E-085*	269	1000	269.0	264.0	-	-	-	4.9	33.3	-	-	-
		1200	322.8	317.8	-	-	-	5.9	40.0	-	-	-
		1500	403.5	398.5	-	-	-	7.6	50.1	-	-	-
		1800	484.2	479.2	-	-	-	9.2	60.2	-	-	-

085 \* The max rotation speed is 2000r/min, and the max intermittent pressure is 9MPa

## Installation Dimensions

T7B、T7BS  
T7D、T7DS  
T7E、T7ES  
T6C、T6D  
T6E



	T7B	T7BS	T7D	T7DS	T7E	T7ES	T6C	T6D	T6E
E	38.10	38.10	38.10	38.10	52.30	52.30	38.10	38.10	52.30
F	82.30	82.30	87.40	87.40	110.00	110.00	82.30	87.40	110.00
G	168.50	168.50	184.90	184.90	225.30	225.30	161.60	184.90	225.30
J1	100.00	101.60	125.00	127.00	125.00	127.00	101.60	127.00	127.00
J2	99.967	101.550	124.937	126.950	124.937	126.950	101.550	126.950	126.950
N	140.00	146.00	180.00	181.00	180.00	181.00	146.10	181.00	181.00
O	174.50	174.50	212.40	212.40	213.00	213.00	174.50	212.40	213.00
P	14.00	14.30	18.00	17.50	18.00	17.50	14.30	17.50	17.50

## Installation Dimensions

Shaft extension

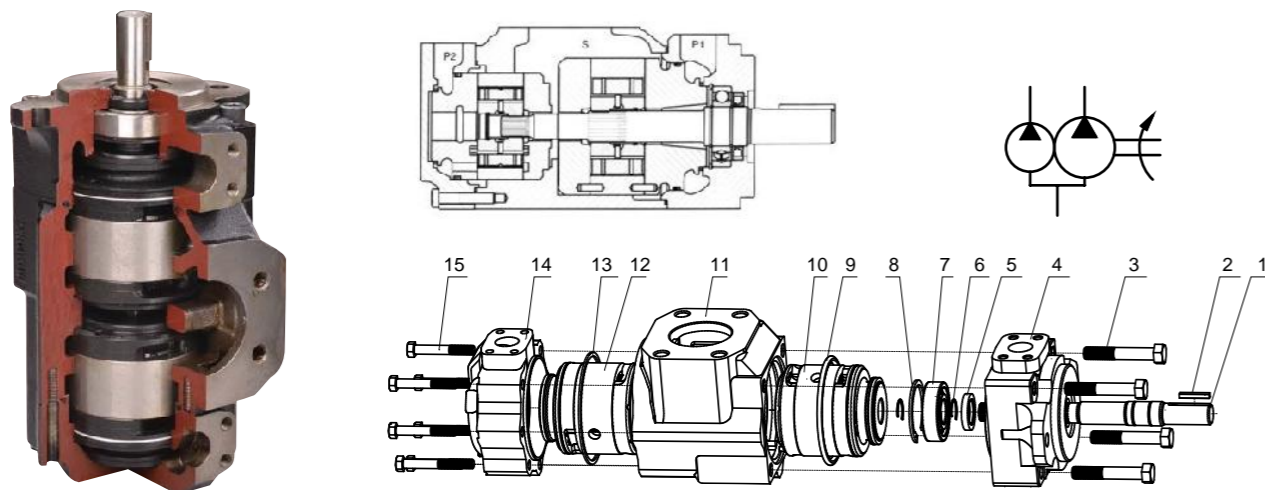
Model	Shaft code	Max torque (N.m)	L1	L2	DIA	K1xK2	H1	M1
T7B	2		70.0	40.0	25.0065/24.9935	8.00x7.00	28.22	-
T7BS	1		71.4	38.1	22.225/22.200	6.35x6.30	24.95	M8x16
	3		40.7	24.5	SAE J498b 1, 16/32, 13			-
	4		45.5	24.5	SAE J498b 1级, 径节16/32, 15牙			-
T7D	5		87.4	50.0	32.018/32.002	10.00x8.00	36.3	M10x20
T7DS	1		83.6	49.3	31.750/31.700	7.94x7.89	35.27	M10x20
	2		73.2	38.1	31.750/31.700	7.94x7.89	35.27	
	3		55.2	38.0	SAE J498b 1, 12/24, 14			-
	4		77.7	48.0	SAE J498b 1, 12/24, 14			-
T7E	5		90.0	60.0	38.018/38.002	10.00x8.00	41.3	M10x20
T7ES	1		90.9	50.8	38.100/38.050	9.52x9.47	42.36	M10x20
	2		61.9	38.1	31.750/31.700	7.94x7.89	35.27	-
	3		55.2	38.0	SAE J498b 1, 12/24, 14			-
	4		62.2	31.5	SAE J498b 1, 12/24, 17			-
T6C	1	275	71.4	38.1	22.225/22.200	6.35x6.30	24.95	M8x16
	2	238	58.2	31.7	22.225/22.200	4.76x4.71	24.53	-
	3	343	40.7	24.5	SAE J498b 1, 16/32, 13			-
	4		45.5	24.5	SAE J498b 1, 16/32, 15			-
T6D	1		83.6	49.3	31.750/31.700	7.94x7.89	35.27	M10x20
	2	577	73.2	38.1	31.750/31.700	7.94x7.89	35.27	-
	3		55.2	38.0	SAE J498b 1, 12/24, 1			-
	4		77.7	48.0	SAE J498b 1, 12/24, 14			-
T6E	1		90.9	50.8	38.100/38.050	9.52x9.47	42.36	M10x20
	2	577	61.9	38.1	31.750/31.700	7.94x7.89	35.27	-
	3		55.2	38.0	SAE J498b 1, 12/24, 14			-
	4		62.2	31.5	SAE J498b 1, 12/24, 17			-

● Work at maximum flow and pressure.

## Installation Dimensions

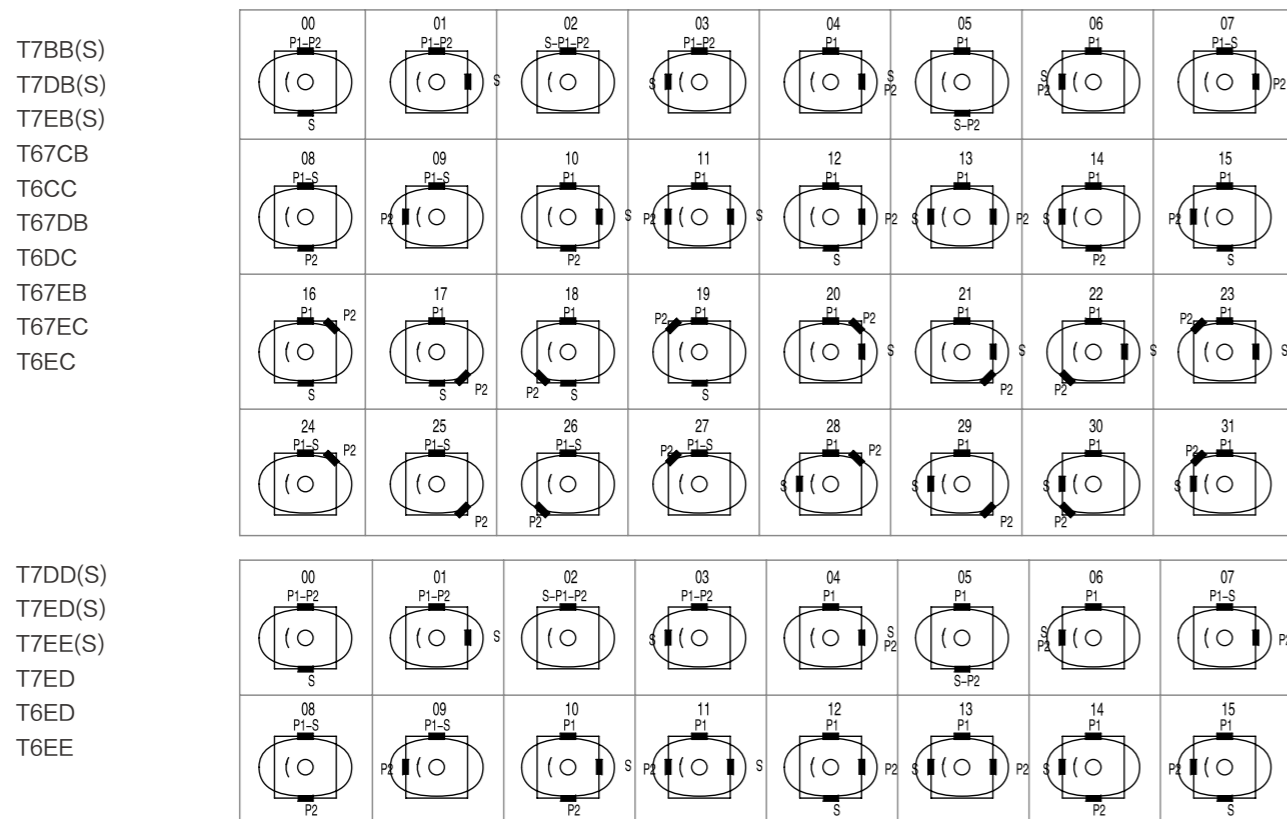
	Oil port		Flange	Install Dimensions(mm)				
				A1	B1	C1	D1	T1 Thread
T7B, T7BS	P	01 : 3/4"	F06	22.2	47.6	19.0	76.2	3/8" - 16UNCx19.0
	P	00 : 1"	F08	26.2	52.4	25.4	76.2	3/8" - 16UNCx19.0
	S	1 - 1/2"	F12	35.7	69.9	38.1	76.2	1/2" - 13UNCx22.4
T7D, mT7DS	P	1 - 1/4"	F10	30.2	58.7	31.8	76.2	7/16" - 14UNCx22.3
	S	2"	F16	42.9	77.8	50.8	82.6	1/2" - 13UNCx23.9
T7E, T7ES	P	1 - 1/2"	F12	35.7	69.9	38.1	98.6	1/2" - 13UNCx23.4
	S	3"	F24	61.9	106.4	76.2	98.6	1/2" - 13UNCx22.4
T6C	P	1"	F08	26.2	52.4	25.4	76.2	3/8" - 16UNCx19.0
	S	1 - 1/2"	F12	35.7	69.9	38.1	76.2	1/2" - 13UNCx22.4
T6D	P	1 - 1/4"	F10	30.2	58.7	31.8	82.6	7/16" - 14UNCx22.3
	S	2"	F16	42.9	77.8	50.8	82.6	1/2" - 13UNCx23.9
T6E	P	1 - 1/2"	F12	35.7	69.9	38.1	98.6	1/2" - 13UNCx23.4
	S	3"	F24	61.9	106.4	76.2	98.6	5/8" - 11UNCx24.0

# T6, T67, T7 Series Double pumps



NO.	Part	Qty	NO.	Part	Qty
1	Shaft	1	6	Circlip for Shaft	2
2	Straight Key	1	7	Ball Bearing	1
3	Hexagon head bolt	4	8	Circlip for Hole	1
4	Front Cover	1	9	Rectangle Sealring	1
5	Shaft Seal	1	10	Front Cartridge	1
			11	Middle Body	1
			12	Rear Cartridge	1
			13	Rectangle Sealring	1
			14	Rear Cover	1
			15	Hexagon head bolt	4

## Port positions(Viewed from shaft end of pump)



## Model Designation

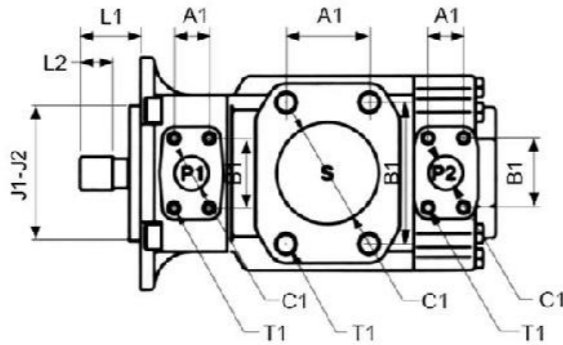
T6CC	S	W	-025	-017	-1	R	02	-C	1	10	
Series	Type Code	Vice Type Code	Flow -shaft end Pump	Flow -cover end pump	Shaft type	Rotation	Port positions	Design number	Sealing Level	Port dimensions	
T7BB	NO: USE ISO 3019 Installation Flange	NO	B02, B03, B04, B05, B06, B07, B08, B10, B12, B15	B02, B03, B04, B05, B06, B07, B08, B10, B12, B15						00, 01, M0, M1 See installation dimensions	
T7DB			B14, B17, B20, B22, B24, B28, B31, B35, B38, B42	B02, B03, B04, B05, B06, B07, B08, B10, B12, B15						00, 01, M1, M0 See installation dimensions	
T7DD			B14, B17, B20, B22, B24, B28, B31, B35, B38, B42	B14, B17, B20, B22, B24, B28, B31, B35, B38, B42						No	
T7EB			042, 045, 050, 052, 054, 057, 062, 066, 072, 085	B02, B03, B04, B05, B06, B07, B08, B10, B12, B15							
T7ED			042, 045, 050, 052, 054, 057, 062, 066, 072, 085	B14, B17, B20, B22, B24, B28, B31, B35, B38, B42							
T7EE			042, 045, 050, 052, 054, 057, 062, 066, 072, 085	042, 045, 050, 052, 054, 057, 062, 066, 072, 085							
T67CB	S: USE SAE C J744 installation flange	W: Heavy str keyed shaft	003/B03, 005/B05, 006/B06, 008/B08, 010/B10, 012/B12, 014/B14, 017/B17, 020/B20, 022/B22, 025/B25, 028/B28, 031/B31	B02, B03, B04, B05, B06, B07, B08, B10, B12, B15	Viewed from shaft end of pump	R- right hand for clockwise L- left hand for counter-clockwise	见下图 see picture below	C	1-S1 , NBR Nitrile rubber 5-S5 , Fluororubber	00, 01, 10, 11, M0, M1, W0, W1 See installation dimensions	
T6CC			003/B03, 005/B05, 006/B06, 008/B08, 010/B10, 012/B12, 014/B14, 017/B17, 020/B20, 022/B22, 025/B25, 028/B28, 031/B31	003/B03, 005/B05, 006/B06, 008/B08, 010/B10, 012/B12, 014/B14, 017/B17, 020/B20, 022/B22, 025/B25, 028/B28, 031/B31						See size of shaft	No
T67DB			014/B14, 017/B17, 020/B20, 024/B24, 028/B28, 031/B31, 035/B35, 038/B38, 042/B42, 045/B45, 050/B50, 061	B02, B03, B04, B05, B06, B07, B08, B10, B12, B15							
T67DC			B14, B17, B20, B22, B24, B28, B31, B35, B38, B42	003/B03, 005/B05, 006/B06, 008/B08, 010/B10, 012/B12, 014/B14, 017/B17, 020/B20, 022/B22, 025/B25, 028/B28, 031/B31						See installation dimensions	
T6DC			014/B14, 017/B17, 020/B20, 024/B24, 028/B28, 031/B31, 035/B35, 038/B38, 042/B42, 045/B45, 050/B50, 061	003/B03, 005/B05, 006/B06, 008/B08, 010/B10, 012/B12, 014/B14, 017/B17, 020/B20, 022/B22, 025/B25, 028/B28, 031/B31							
T67EB			042, 045, 050, 052, 057, 062, 066, 072, 085	B02, B03, B04, B05, B06, B07, B08, B10, B12, B15						No	
T6EC			042, 045, 050, 052, 057, 062, 066, 072, 085	003/B03, 005/B05, 006/B06, 008/B08, 010/B10, 012/B12, 014/B14, 017/B17, 020/B20, 022/B22, 025/B25, 028/B28, 031/B31							
T67EC			042, 045, 050, 052, 057, 062, 066, 072, 085	003/B03, 005/B05, 006/B06, 008/B08, 010/B10, 012/B12, 014/B14, 017/B17, 020/B20, 022/B22, 025/B25, 028/B28, 031/B31						No	
T6ED			042, 045, 050, 052, 057, 062, 066, 072, 085	014/B14, 017/B17, 020/B20, 024/B24, 028/B28, 031/B31, 035/B35, 038/B38, 042/B42, 045/B45, 050/B50, 061							
T6EE			042, 045, 050, 052, 057, 062, 066, 072, 085	042, 045, 050, 052, 057, 062, 066, 072, 085							

003/B03 In displacement code, 0 means single steering valve plate structure, B means the two steering valve plate structure. The data of relevant series ,model are unanimous.Please see T6 series-single pumps data



Installation Dimensions

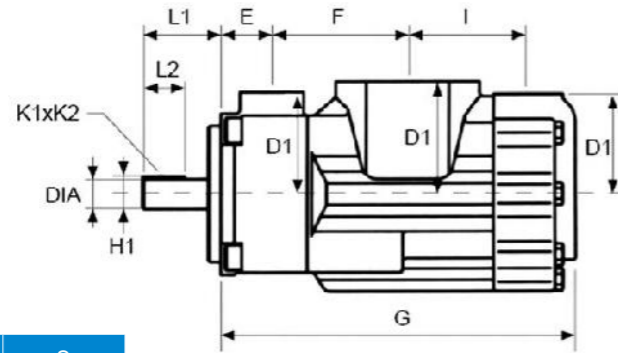
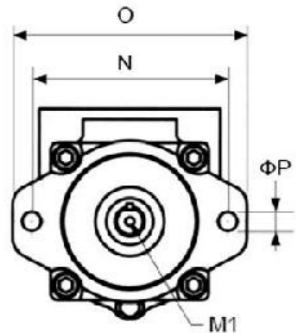
T6CC  
T6DC  
T6EC  
T6ED



	T6CC	T6DC
E	38.1	38.1
F	101.6	114.3
G	265.6	286.0
I	88.2	109.5
J1	101.60	127.00
J2	101.55	126.95
N	146.0	181.0
O	174.5	212.4
P	14.3	17.5

	T6EC	T6ED
E	52.3	52.3
F	118.5	133.5
G	331.6	361.0
I	136.7	148.2
J1	127.00	127.00
J2	126.95	126.95
N	181.0	181.0
O	213.0	213.0
P	17.5	17.5

	T6EE	T6EES
E	42.9	42.9
F	167.3	167.3
G	406.8	406.8
I	157.9	157.9
J1	250.00	165.10
J2	249.93	165.05
N	224.5x224.5	224.5x224.5
O	273x273	273x273
P	20.6	20.6

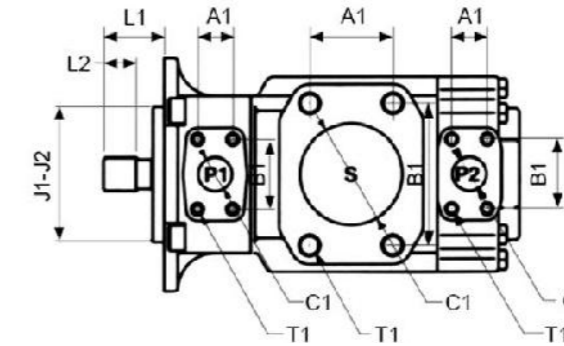


	Code	P1	P2	S
T6CC	00(OM)	1"	1"	3"
	01(WO)	1"	3/4"	3"
	10(1M)	1"	1"	2-1/2"
	11(W1)	1"	3/4"	2-1/2"
T6DC T7DB(S)	00(M0)	1-1/4"	1"	3"
	01(M1)	1-1/4"	3/4"	3"

	Oil port	Flange	Install Dimensions(mm)				
			A1	B1	C1	D1	T1 Thread
T6CC	P1	1"	26.2	52.4	25.4	76.2	3/8"-16UNCx19.0 (M10x19)
		3/4"	22.2	47.6	19.0	76.2	3/8"-16UNCx19.0(M10x19)
	P2	1"	26.2	52.4	25.4	74.7	
		3"	61.9	106.4	76.2	84.1	1/2"-13UNCx23.9(M12x24)
T6DC	P1	1-1/4"	30.2	58.7	31.8	82.6	7/16"-14UNCx22.3(M12x22)
		3/4"	22.2	47.6	19.0	74.7	3/8"-16UNCx19.0(M10x19)
	P2	1"	26.2	52.4	25.4	74.7	
S		3"	61.9	106.4	76.2	88.9	5/8"-11UNCx28.4(M16x28.4)
T6EC	P1	1-1/2"	35.7	69.9	38.1	98.6	1/2"-13UNCx23.4
		1"	26.2	52.4	25.4	74.7	3/8"-16UNCx19.0
	S	3-1/2"	69.9	120.7	88.9	102.4	5/8"-11UNCx29.5
T6ED	P1	1-1/2"	35.7	69.9	38.1	98.6	1/2"-13UNCx23.4
		1-1/4"	30.2	58.7	31.8	82.6	7/16"-14UNCx24.0
	S	4"	77.8	130.2	101.6	102.4	5/8"-11UNCx30.0
T6EE(S)	P1	1-1/2"	35.7	69.9	38.1	139.7	1/2"-13UNCx30
		1-1/2"	35.7	69.9	37.1	98.6	1/2"-13UNCx23.4
	S	4"	77.8	130.2	101.6	115	5/8"-11UNCx30

Installation Dimensions

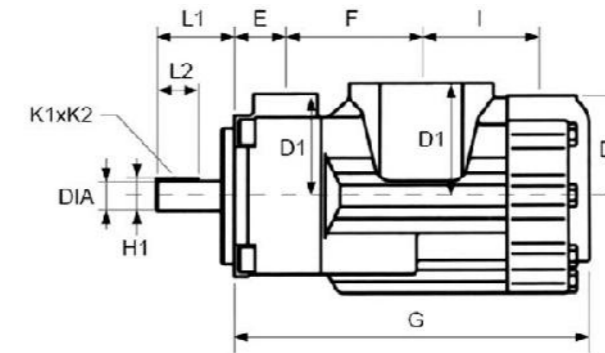
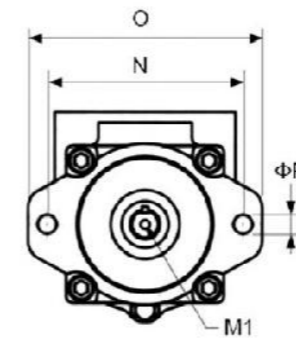
T7BB, T7BBS  
T7DB, T7DBS  
T7EB, T7EBS  
T67CB  
T67DB  
T67EB



	T7BB	T7BBS	T67CB
E	38.1	38.1	38.1
F	101.6	101.6	101.6
G	262.2	262.2	265.6
I	98.6	98.6	88.2
J1	100.00	101.60	101.60
J2	99.97	101.55	101.55
N	140.0	146.0	146.0
O	174.5	174.5	174.5
P	14.0	14.3	14.3

	T7DB	T7DBS	T67DB
E	38.1	38.1	38.1
F	114.3	114.3	114.3
G	286.0	286.0	286.0
I	109.5	109.5	109.5
J1	125.00	127.00	127.00
J2	124.94	126.95	126.95
N	180.0	181.0	181.0
O	212.4	212.4	212.4
P	18.0	17.5	17.5

	T7EB	T7EBS	T67EB
E	52.3	52.3	52.3
F	118.5	118.5	118.5
G	331.6	331.6	331.6
I	136.7	136.7	136.7
J1	125.00	127.00	127.00
J2	124.94	126.95	126.95
N	180.0	181.0	181.0
O	213.0	213.0	213.0
P	18.0	17.5	17.5

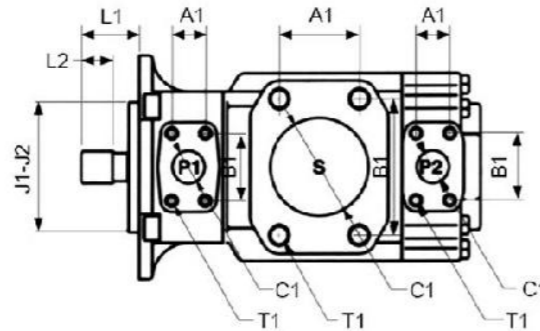


	Code	P1	P2	S
T7BB(S)	00(OM)	1"	3/4"	2-1/2"
	01(M1)	3/4"	3/4"	2-1/2"

	Oil port	Flange	Install Dimensions(mm)				
			A1	B1	C1	D1	T1 Thread
T7BB(S)	P1	1"	26.2	52.4	25.4	76.2	3/8"-16UNCx19.0 (M10x19)
		3/4"	22.2	47.6	19.0	76.2	
	P2	3/4"	22.2	47.6	19.0	76.2	3/8"-16UNCx19.0(M10x19)
		S	2-1/2"	50.8	88.9	63.5	84.1
T7DB(S)	P1	1-1/4"	30.2	58.7	31.8	82.6	7/16"-14UNCx22.3(M12x22)
		3/4"	22.2	47.6	19.0	74.7	3/8"-16UNCx19.0(M10x19)
	P2	1"	26.2	52.4	25.4	74.7	
S		3"	61.9	106.4	76.2	88.9	5/8"-11UNCx29(M16x29)
T67CB	P1	1"	26.2	52.4	25.4	76.2	3/8"-16UNCx19.0
		3/4"	22.2	47.6	19.0	76.2	3/8"-16UNCx19.0
	S	2-1/2"	50.8	88.9	63.5	84.1	1/2"-13UNCx23.9
T67DB	P1	1-1/4"	30.2	58.7	31.8	82.6	7/16"-14UNCx22.3
		3/4"	22.2	47.6	19.0	76.2	3/8"-16UNCx19.0
	S	3"	61.9	106.4	76.2	88.9	1/2"-13UNCx23.9
T67EB	P1	1-1/2"	35.7	69.9	38.1	98.6	1/2"-13UNCx23.4
		1-1/4"	30.2	58.7	31.8	82.6	7/16"-14UNCx22.3
	S	3-1/2"	69.9	120.7	88.9	102.4	5/8"-11UNCx24.0
T7EB(S)	P1	1-1/2"	35.7	69.9	38.1	98.6	1/2"-13UNCx23.4
		1-1/2"	35.7	69.9	37.1	98.6	1/2"-13UNCx23.4
	S	4"	77.8	130.2	101.6	115	5/8"-11UNCx30

### Installation Dimensions

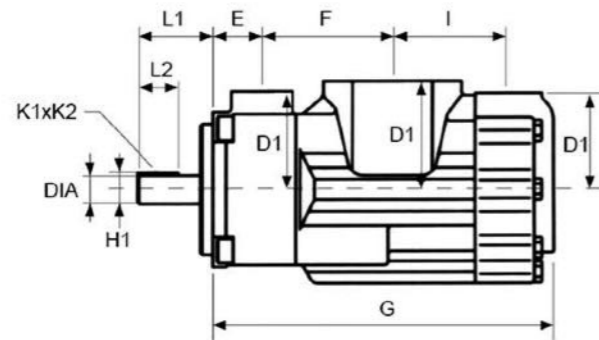
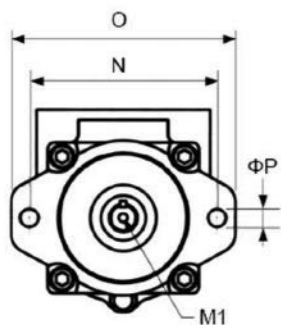
T7DD(S)  
T7ED(S)  
T7EE(S)  
T67DC  
T67EC



	T7DD	T7DDS	T67DC
E	38.3	38.3	38.1
F	148.3	148.3	114.3
G	347.7	347.7	286.0
I	134.2	134.2	109.5
J1	125.000	127.00	127.00
J2	124.937	126.95	126.95
N	180.0	181.0	181.0
O	213.0	213.0	212.4
P	14.0	14.3	17.5

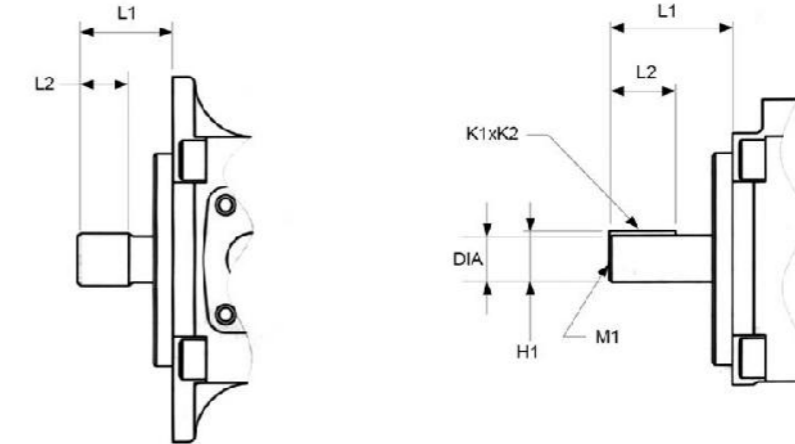
	T7ED	T7EDS	T67EC
E	52.3	52.3	52.3
F	133.5	133.5	118.5
G	361.0	361.0	331.6
I	148.2	148.2	136.7
J1	125.00	127.00	127.00
J2	124.94	126.95	126.95
N	180.0	181.0	181.0
O	213.0	213.0	213.0
P	18.0	17.5	17.5

	T7EE	T7EES
E	42.9	42.9
F	167.3	167.3
G	406.8	406.8
I	157.9	157.9
J1	250.00	165.10
J2	249.93	165.05
N	224.5x224.5	224.5x224.5
O	273x273	273x273
P	20.6	20.6



	Oil port		Flange	Install Dimensions(mm)				
				A1	B1	C1	D1	T1 Thread
T7DD(S)	P1	1-1/4"	F10	30.2	58.7	31.8	101.6	7/16"-14UNCx22.3
	P2	1-1/4"	F10	30.2	58.7	31.8	101.6	7/16"-14UNCx24
	S	4"	F32	77.8	130.2	101.6	114.9	5/8"-11UNCx30
T7ED(S)	P1	1-1/2"	F12	35.7	69.9	37.1	98.6	1/2"-13UNCx23.4
	P2	1-1/4"	F10	30.2	58.7	31.8	101.6	7/16"-14UNCx24
	S	4"	F32	77.8	130.2	101.6	102.4	5/8"-11UNCx30
T7EE(S)	P1	1-1/2"	F12	35.7	69.9	38.1	139.7	1/2"-13UNCx30
	P2	1-1/2"	F12	35.7	69.9	37.1	98.6	1/2"-13UNCx23.4
	S	4"	F32	77.8	130.2	101.6	115	5/8"-11UNCx30
T67DC	P1	1-1/4"	F10	30.2	58.7	31.8	82.6	7/16"-14UNCx22.3
	P2	1"	F08	26.2	52.4	25.4	74.7	3/8"-16UNCx19.0
	S	3"	F24	61.9	106.4	76.2	88.9	5/8"-11UNCx28.5
T67EC	P1	1-1/2"	F12	35.7	69.9	37.1	98.6	1/2"-13UNCx23.4
	P2	1"	F08	26.2	52.4	25.4	74.7	3/8"-16UNCx19.0
	S	3-1/2"	F28	69.9	120.7	88.9	102.4	5/8"-11UNCx29.5

### Installation Dimensions



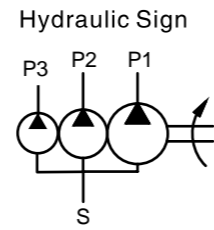
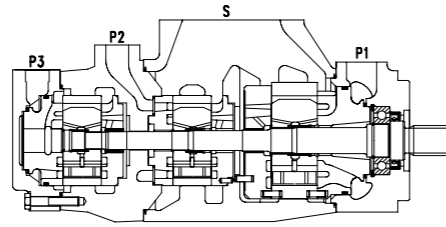
Shaft extension

Model	Shaft code	Max torque (N.m)	L1	L2	DIA	K1xK2	H1	M1
T7BB	5		70.0	40.0	25.006/24.993	8.00x7.00	28.22	-
	1	238	58.2	31.7	22.225/22.200	4.76x4.71	24.53	-
T7BBS	2	357	71.4	38.1	25.400/25.370	6.35x6.30	28.22	M8x16
	3		40.7	24.5	SAE J498b class1, Diametral pitch 16/32, 13T			-
	4		45.5	24.5	SAE J498b class1, Diametral pitch 16/32, 15T			-
T7DB	5		87.9	50.0	32.018/32.002	10.00x8.00	35.0	M10x20
T7DBS	1		83.6	49.3	31.75/31.70	7.94x7.89	35.27	M10x20
	2		73.2	38.1	31.75/31.70	7.94x7.89	35.27	-
	3		55.2	38.0	SAE J498b class1, Diametral pitch 12/24, 14T			-
	4		77.7	48.02	SAE J498b class1, Diametral pitch 12/24, 14T			-
T7DD	5		68.0	50.0	31.018/32.002	10.00x8.00	35.0	M10x20
	1		84.0	49.3	31.75/31.70	7.94x7.89	35.27	M10x20
T7DDS	2		91.0	50.8	38.10/38.05	9.52x9.47	40.36	M10x20
	3		56.0	38.0	SAE J498b class1, Diametral pitch 12/24, 14T			-
	4		46.0	24.5	SAE J498b class1, Diametral pitch 16/32, 15T			-
	5		90.0	50.0	38.018/38.002	10.00x8.00	41.3	M10x20
T7EBS, T7EDS	1		90.9	50.8	38.10/38.05	9.52x9.47	42.36	M10x20
	2		61.9	38.1	31.75/31.70	7.94x7.89	35.27	-
	3		55.9	38.1	SAE J498b class1, Diametral pitch 12/24, 14T			-
	4		62.2	31.5	SAE J498b class1, Diametral pitch 12/24, 17T			-
T7EE	2		92.0	63.0	45.000/44.975	14.00x9.00	48.5	M12x24
	1		90.9	63.5	38.100/38.075	9.52x9.47	42.36	M10x20
T7EES	3		62.2	31.5	SAE J498b class1, Diametral pitch 12/24, 17T			-
	4		75.0	48.8	SAE J498b class1, Diametral pitch 8/16, 13T			-
	1	238	58.2	31.7	22.225/22.200	4.76x4.71	24.53	-
T67CB, T6CC	2	357	71.4	38.1	25.400/25.370	6.35x6.30	28.22	M8x16
	3	545	45.5	24.5	SAE J498b class1, Diametral pitch 16/32, 15T			-
	5	343	40.7	24.5	SAE J498b class1, Diametral pitch 16/32, 13T			-
	1	721	83.6	49.3	31.750/31.700	7.94x7.89	35.27	M10x20
T67DB, T67DC, T6DC	2	577	73.2	38.1	31.750/31.700	7.94x7.89	35.27	-
	3		55.2	38.0	SAE J498b class1, Diametral pitch 12/24, 14T			-
	4		77.7	48.0	SAE J498b class1, Diametral pitch 12/24, 14T			-
	5		83.4	60.0	34.900/34.875	7.94x7.89	38.42	M8x16
	1		90.9	50.8	38.100/38.050	9.52x9.47	42.36	M10x20
T67EB, T67EC, T6EC, T6ED	2	577	61.9	38.1	31.750/31.700	7.94x7.89	35.27	-
	3		55.7	38.0	SAE J498b class1, Diametral pitch 12/24, 14T			-
	4		62.2	31.5	SAE J498b class1, Diametral pitch 12/24, 17T			-

Work at maximum flow and pressure.

7223 NW 43rd St, DPT 2254 Choice, Miami, FL-33166

# T6, T67, T7 Series Treble pumps



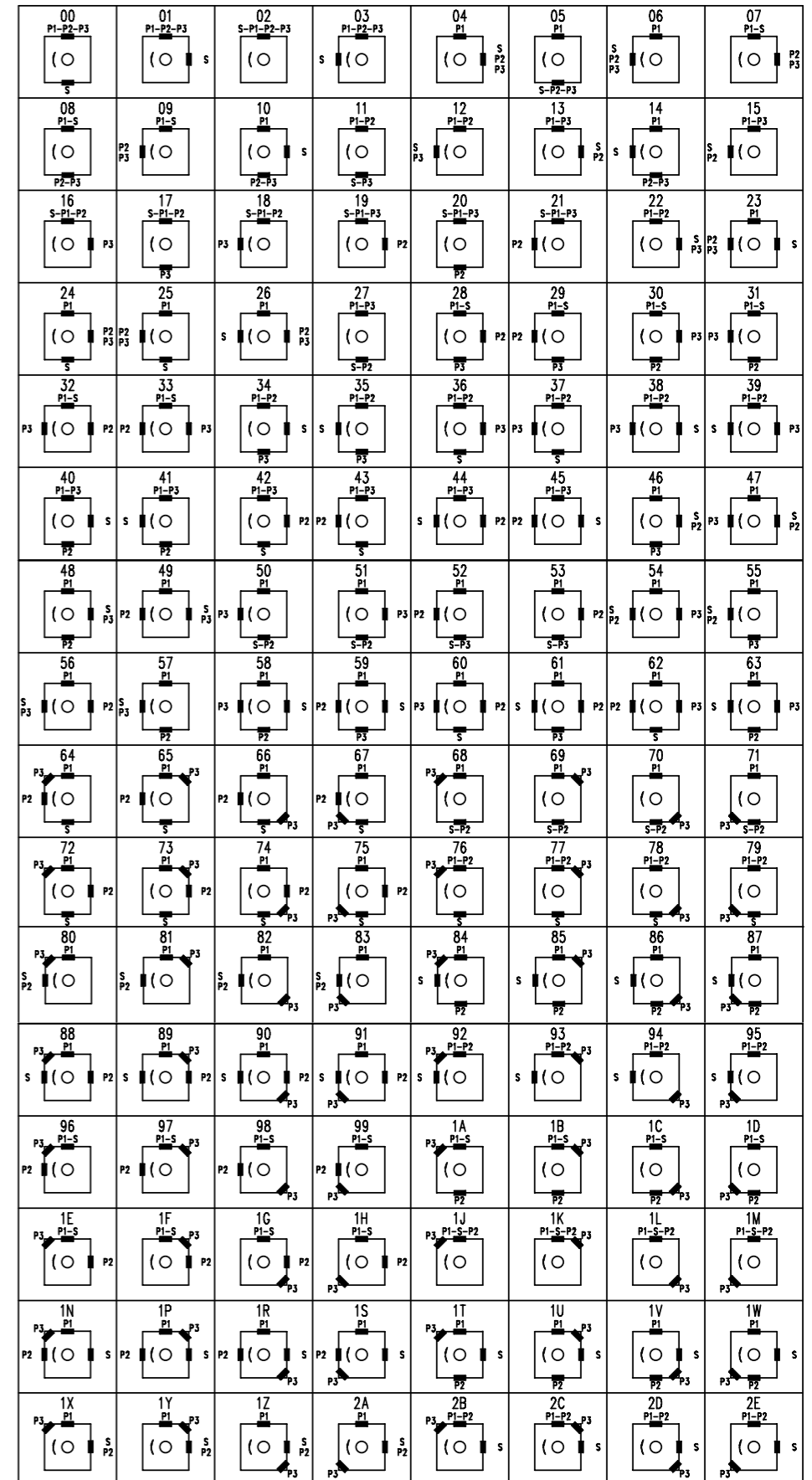
## Model Designation

T6DCC	(M)	-042	-017	-010	-1	R	02	-A	1	01
Series	Type Code	Flow - shaft end Pump	Flow - mid pump	Flow - cover end pump	Shaft type	Rotation	Port positions	Design number	Sealing Level	Port dimensions
T67DBB (S)		014/B14, 017/B17, 020/B20, 024/B24, 028/B28, 031/B31, 035/B35, 038/B38, 042/B42, 045/B45, 050/B50, 061	B02, B03, B04, B05, B06, B07, B08, B10, B12, B15	B02, B03, B04, B05, B06, B07, B08, B10, B12, B15						
T67DCB (S)		014/B14, 017/B17, 020/B20, 024/B24, 028/B28, 031/B31, 035/B35, 038/B38, 042/B42, 045/B45, 050/B50, 061	003/B03, 005/B05, 006/B06, 008/B08, 010/B10, 012/B12, 014/B14, 017/B17, 020/B20, 022/B22, 025/B25, 028/B28, 031/B31	B02, B03, B04, B05, B06, B07, B08, B10, B12, B15						NO
T6DCC		014/B14, 017/B17, 020/B20, 024/B24, 028/B28, 031/B31, 035/B35, 038/B38, 042/B42, 045/B45, 050/B50, 061	003/B03, 005/B05, 006/B06, 008/B08, 010/B10, 012/B12, 014/B14, 017/B17, 020/B20, 022/B22, 025/B25, 028/B28, 031/B31	003/B03, 005/B05, 006/B06, 008/B08, 010/B10, 012/B12, 014/B14, 017/B17, 020/B20, 022/B22, 025/B25, 028/B28, 031/B31					00, 01 , See installation dimensions	
T67DDBS	NO: industrial type	014/B14, 017/B17, 020/B20, 024/B24, 028/B28, 031/B31, 035/B35, 038/B38, 042/B42, 045/B45, 050/B50, 061	014/B14, 017/B17, 020/B20, 024/B24, 028/B28, 031/B31, 035/B35, 038/B38, 042/B42, 045/B45, 050/B50, 061	B02, B03, B04, B05, B06, B07, B08, B10, B12, B15	See size of shaft	Viewed from shaft end of pump R- right hand for clockwise L- left hand for counter-clockwise	see picture below	A	1-S1 , NBR Nitrile rubber 5-S5 , Fluororubber	NO
T6DDC	M: truck type S: truck type use SAE J744 installation flange	014/B14, 017/B17, 020/B20, 024/B24, 028/B28, 031/B31, 035/B35, 038/B38, 042/B42, 045/B45, 050/B50, 061	014/B14, 017/B17, 020/B20, 024/B24, 028/B28, 031/B31, 035/B35, 038/B38, 042/B42, 045/B45, 050/B50, 061	003/B03, 005/B05, 006/B06, 008/B08, 010/B10, 012/B12, 014/B14, 017/B17, 020/B20, 022/B22, 025/B25, 028/B28, 031/B31					00, 01 , See installation dimensions	
T6EDB (S)		042, 045, 050, 052, 057, 062, 066, 072, 085	014/B14, 017/B17, 020/B20, 024/B24, 028/B28, 031/B31, 035/B35, 038/B38, 042/B42, 045/B45, 050/B50, 061	B02, B03, B04, B05, B06, B07, B08, B10, B12, B15						NO
T6EDC		042, 045, 050, 052, 057, 062, 066, 072, 085	014/B14, 017/B17, 020/B20, 024/B24, 028/B28, 031/B31, 035/B35, 038/B38, 042/B42, 045/B45, 050/B50, 061	003/B03, 005/B05, 006/B06, 008/B08, 010/B10, 012/B12, 014/B14, 017/B17, 020/B20, 022/B22, 025/B25, 028/B28, 031/B31					00, 01 , See installation dimensions	

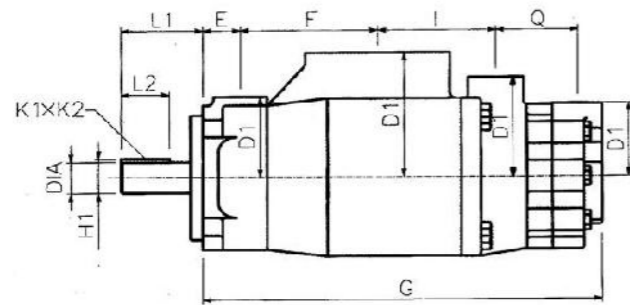
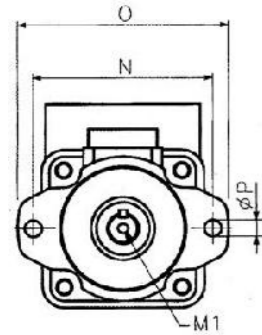
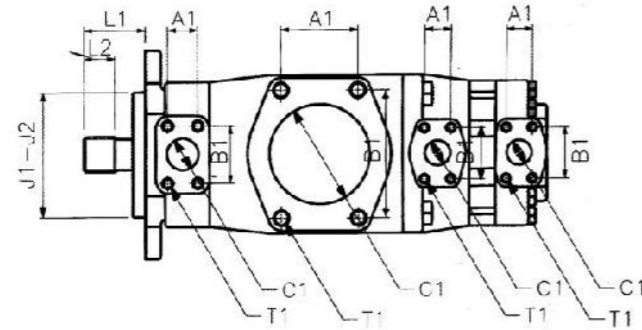
003/B03 In displacement code, 0 means single steering valve plate structure, B means the two steering valve plate structure. The data of relevant series ,model are unanimous.Please see T6 series-single pumps data

## Port positions(Viewed from shaft end of pump)

- T67DBB(S)
- T67DCB(S)
- T6DCC
- T67DDBS
- T6DDC
- T6EDB(S)
- T6EDC



### Installation Dimensions



T6DCC T67DCB(S) T67DBB(S)	
E	38.1
F	138.0
G	404.0
I	119.3
J1	127.00
J2	126.95
N	181.0
O	212.4
P	17.5
Q	84.4

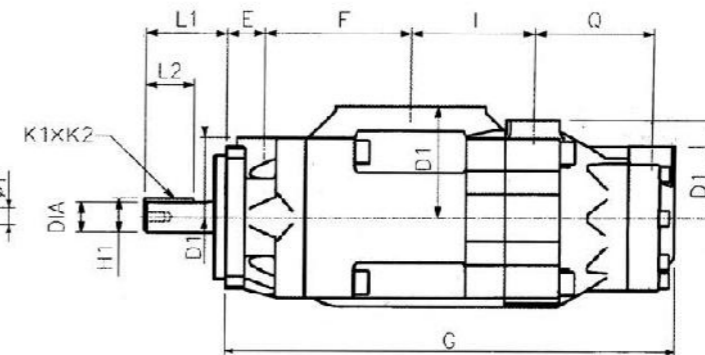
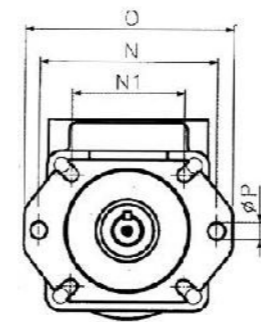
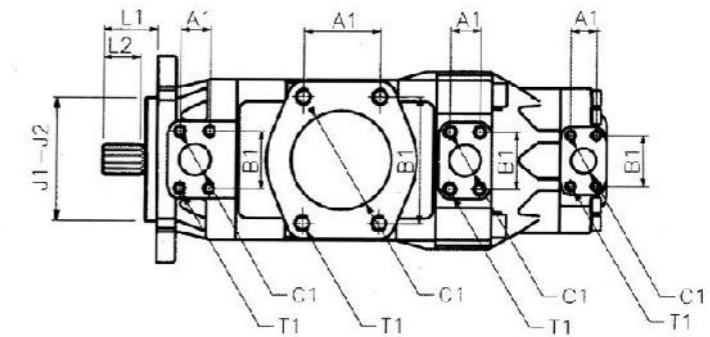
### Shaft extension

Model	Shaft code	Max torque (N.m)	L1	L2	DIA	K1xK2	H1	M1
T67DBB(S) T67DCB(S) T6DCC	1	721	83.6	49.3	31.750/31.700	6.35x6.30	34.6	-
	2	1108	89.7	50.8	38.100/38.075	9.52x9.47	42.4	-
	3		55.2	38.0	SAE J498b 1 class , Diametral pitch 12/24 , 14T			-
	4		61.0	31.5	SAE J498b 1 class , Diametral pitch 12/24 , 17T			-
T6DCC	5		76.0	48.0	SAE J498b 1 class , Diametral pitch 12/24 , 14T			-

● work at maximum flow and pressure.

	Oil port	Flange	Install Dimensions(mm)					
			A1	B1	C1	D1	T1	Thread
T67DBB T67DCB	P1	1-1/4"	F10	30.2	58.7	31.8	82.6	7/16"-14UNCx22.3
	P2	1"	F08	26.2	52.4	25.4	101.6	3/8"-16UNCx19.0
	P3	3/4"	F06	22.2	47.6	19.0	74.7	3/8"-16UNCx19.0
	S	4"	F32	77.8	130.2	101.6	127	5/8"-11UNCx30.0
T6DCC	P1	1-1/4"	F10	30.2	58.7	31.8	82.6	7/16"-14UNCx22.3
	P2	1"	F08	26.2	52.4	25.4	101.6	3/8"-16UNCx19.0
	P3	01 : 3/4"	F06	22.2	47.6	19.0	74.7	3/8"-16UNCx19.0
	P3	00 : 1"	F08	26.2	52.4	25.4	74.7	3/8"-16UNCx19.0
	S	4"	F32	77.8	130.2	101.6	127	5/8"-11UNCx30.0

### Installation Dimensions



T6DDCS T67DBS	
E	38.1
F	148.5
G	455.0
I	125.0
J1	127.00
J2	126.95
N	181.0
O	213.0
P	17.5
Q	120.0

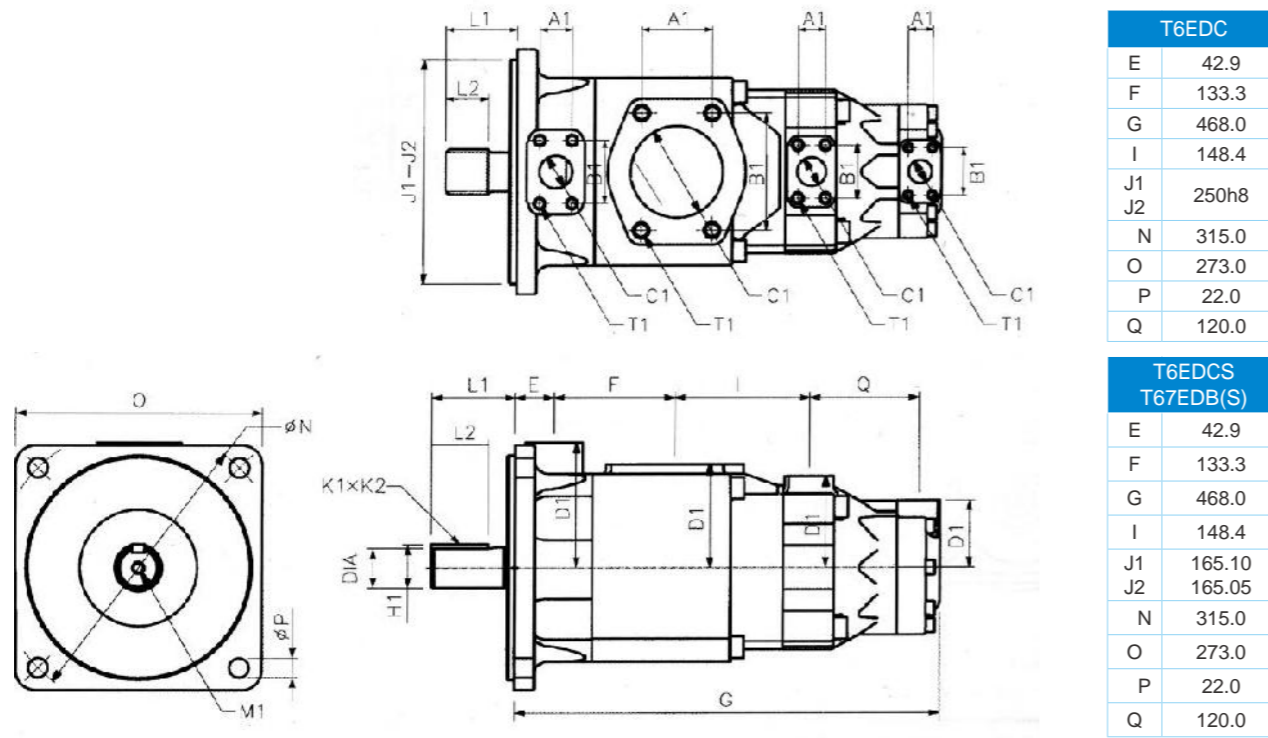
### Shaft extension

Model	Shaft code	Max torque (N.m)	L1	L2	DIA	K1xK2	H1	M1
T67DBS T6DDCS	1	686	84.0	49.3	31.750/31.700	7.94x7.89	35.27	M10x20
	2	1148	91.0	50.8	38.100/38.075	9.52x9.47	42.36	M10x20
	5	883	84.0	60.0	34.900/34.850	7.94x7.89	38.42	M10x20
	3	971	56.0	38.0	SAE J498b 1 class , Diametral pitch 12/24 , 14T -			
	4		62.0	31.5	SAE J498b 1 class , Diametral pitch 12/24 , 17T			-

● work at maximum flow and pressure.

	Oil port	Flange	Install Dimensions(mm)					
			A1	B1	C1	D1	T1	Thread
T67DBS	P1	1-1/4"	F10	30.2	58.7	31.8	82.6	7/16"-14UNCx22.3
	P2	1-1/4"	F10	30.2	58.7	31.8	101.6	7/16"-14UNCx24.0
	P3	3/4"	F06	22.2	47.6	19.0	74.7	3/8"-16UNCx19.0
	S	4"	F32	77.8	130.2	101.6	115.0	5/8"-11UNCx30.0
	T6DDCS	P1	1-1/4"	F10	30.2	58.7	31.8	82.6
T6DDCS	P2	1-1/4"	F10	30.2	58.7	31.8	101.6	7/16"-14UNCx24.0
	P3	01 : 3/4"	F06	22.2	47.6	19.0	74.7	3/8"-16UNCx19.0
	P3	00 : 1"	F08	26.2	52.4	25.4	74.7	3/8"-16UNCx19.0
	S	4"	F32	77.8	130.2	101.6	115.0	5/8"-11UNCx30.0

### Installation Dimensions



### Shaft extension

Model	Shaft code	Max torque (N.m)	L1	L2	DIA	K1xK2	H1	M1
T67EDB, T6EDC T6EDCS	1		92.0	63.0	45h7	14h7x9	48.5	M12x24
T6EDCS	2		100.0	63.5	44.45/44.40	11.11x11.06	49.3	1/2-UNCx24
	3		75.0	48.8	SAE J498b 1级 class, Diametral pitch8/16, 13T			-

● work at maximum flow and pressure.

Oil port	Flange	Install Dimensions(mm)						
		A1	B1	C1	D1	T1	Thread	
T67EDB	P1	1-1/2"	F12	35.7	69.9	37.1	139.7	1/2"-13UNCx30.0
	P2	1-1/4"	F10	30.2	58.7	31.8	101.6	7/16"-14UNCx24.0
	P3	3/4"	F06	22.2	47.6	19.0	74.7	3/8"-16UNCx19.0
	S	4"	F32	77.8	130.2	101.6	115.0	5/8"-11UNCx30.0
T6EDC T6EDCS	P1	1-1/2"	F12	35.7	69.9	37.1	139.7	1/2"-13UNCx30.0
	P2	1-1/4"	F10	30.2	58.7	31.8	101.6	7/16"-14UNCx24.0
	P3	01 : 3/4"	F06	22.2	47.6	19.0	74.7	3/8"-16UNCx19.0
	P3	00 : 1"	F08	26.2	52.4	25.4	74.7	3/8"-16UNCx19.0
	S	4"	F32	77.8	130.2	101.6	115.0	5/8"-11UNCx30.0

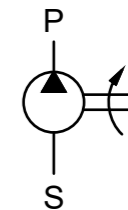
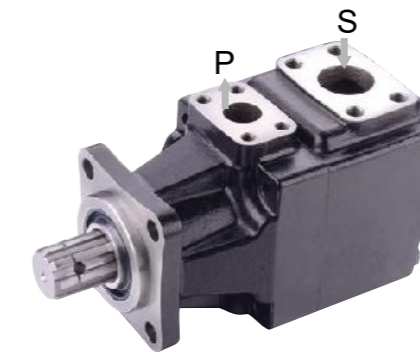
## T6GC, T7GB, T6GCC, T67GCB, T7GBB Series Pin Vane Pumps

The high pressure and high performance pin type vane pump is applicable to engineering machinery, especially to mobile machinery.

The main features:

- 1.The improved bearing structure and rectangle spline shaft design can be driven by motor or gearbox directly.
- 2.Double shaft seal structure, is fit for bad situations of mobile machinery.
- 3.Adopt insert structure, the cartridge kit of T6C and T7B can be interchangeable completely, very convenient for repair.

### T6GC, T7GB Series single pumps



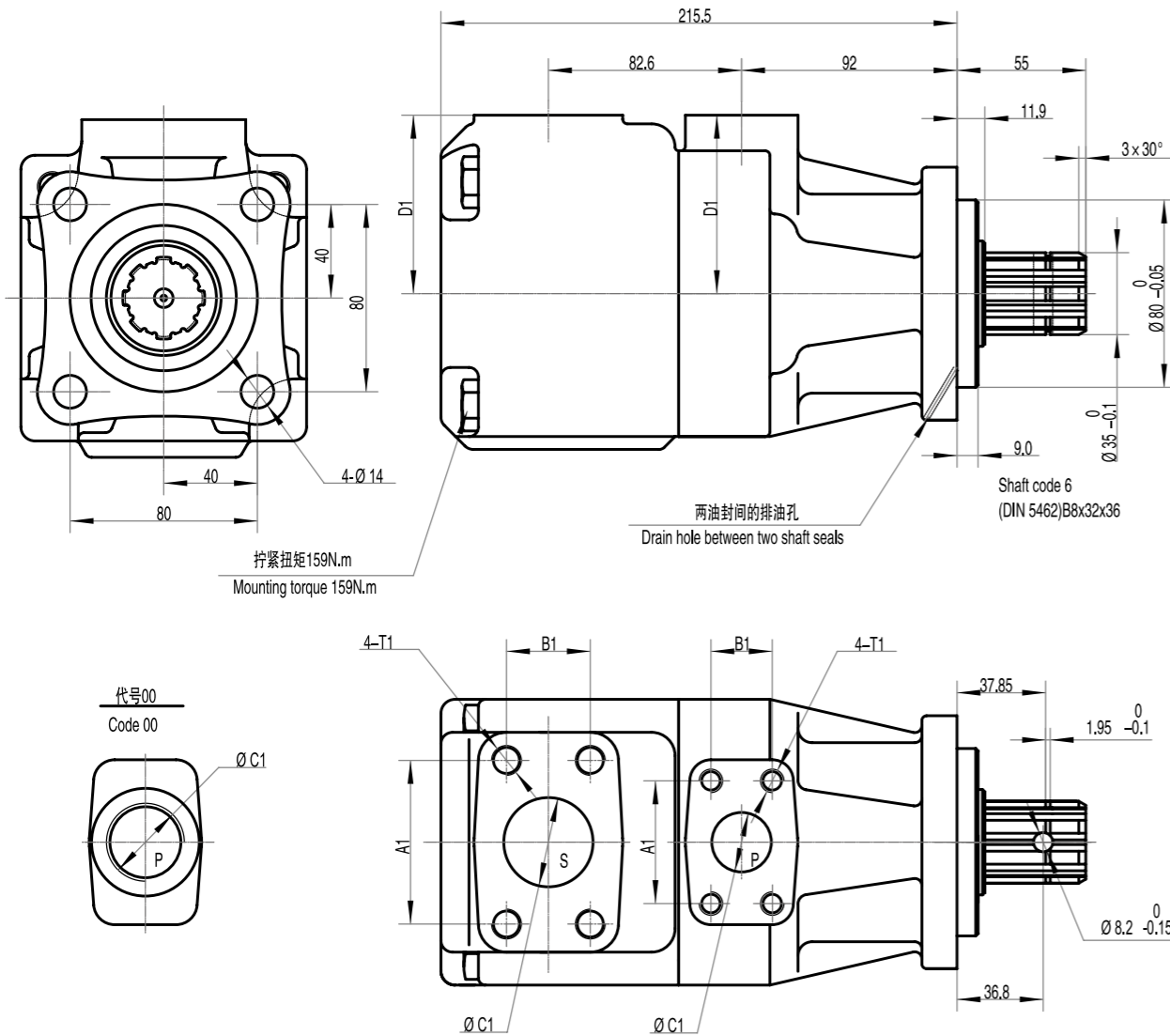
### Model Designation

T6GC	-B10	-6	R	00	-A	1	01
Series	Flow code	Shaft type	Rotation	Outlet Positions	Design number	Sealing Level	Port dimensions
T6GC	B03, B05, B06, B08, B10, B12, B14, B17, B20, B22, B25, B28, B31	See size of shaft	Viewed from shaft end of pump	Viewed from shaft end of pump	A	1-S1 , NBR Nitrile rubber	00 : Flange 1"BSPP
T7GB	B02, B03, B04, B05, B06, B07, B08, B10, B12, B15		R - right hand for clockwise L - left hand for counter-clockwise	01 - Opposite inlet port 02 - Inline with inlet 03 - 90° CCW from inlet 90° CW from inlet			01 : Flange SAE 4 bolts(UNC)

B03 B means the two steering valve plate structure. The data of relevant series, model are unanimous. Please see T6 series-single pumps data.

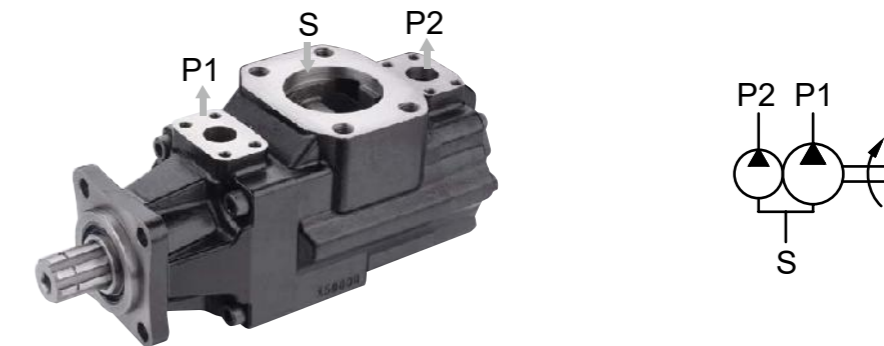
### Installation Dimensions

T6GC、T7GB



Oil port	Flange	Install Dimensions(mm)						
		A1	B1	C1	D1	T1	Thread	
T6GC T7GB	P	01: 1"	F08	26.2	52.4	25.4	76.2	3/8" - 16UNCx19.0
		00: 1"BSPP	-	-	-	1"BSPP	79.5	-
	S	1-1/2"	F12	35.7	69.9	38.1	76.2	1/2" - 13UNCx22.4

### T6GCC,T67GCB,T7GBB Series Double Pumps



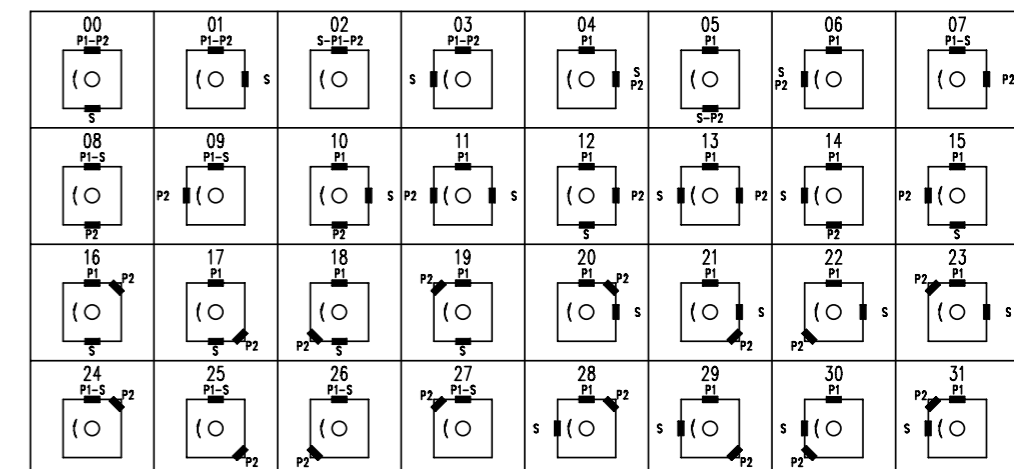
### Model Designation

T6GCC	-B25	-B17	-6	R	02	-B	1	10
Series	Flow -shaft end Pump	Flow -cover end Pump	Shaft type	Rotation	Port Positions	Design number	Sealing Level	Port dimensions
T6GCC	B03, B05, B06, B08, B10, B12, B14, B17, B20, B22, B25, B28, B31	B03, B05, B06, B08, B10, B12, B14, B17, B20, B22, B25, B28, B31		Viewed from shaft end of pump R - right hand for clockwise L - left hand for counter-clockwise				
T67GCB	B03, B05, B06, B08, B10, B12, B14, B17, B20, B22, B25, B28, B31	B02, B03, B04, B05, B06, B07, B08, B10, B12, B15	See size of shaft		see below	B	1-S1, NBR Nitrile rubber 5-S5, Fluororubber	00, 01, 10, 11 See installation dimensions
T7GBB	B02, B03, B04, B05, B06, B07, B08, B10, B12, B15	B02, B03, B04, B05, B06, B07, B08, B10, B12, B15						

B03 B means the two steering valve plate structure.  
The data of relevant series, model are unanimous. Please see T6 series-single pumps data.

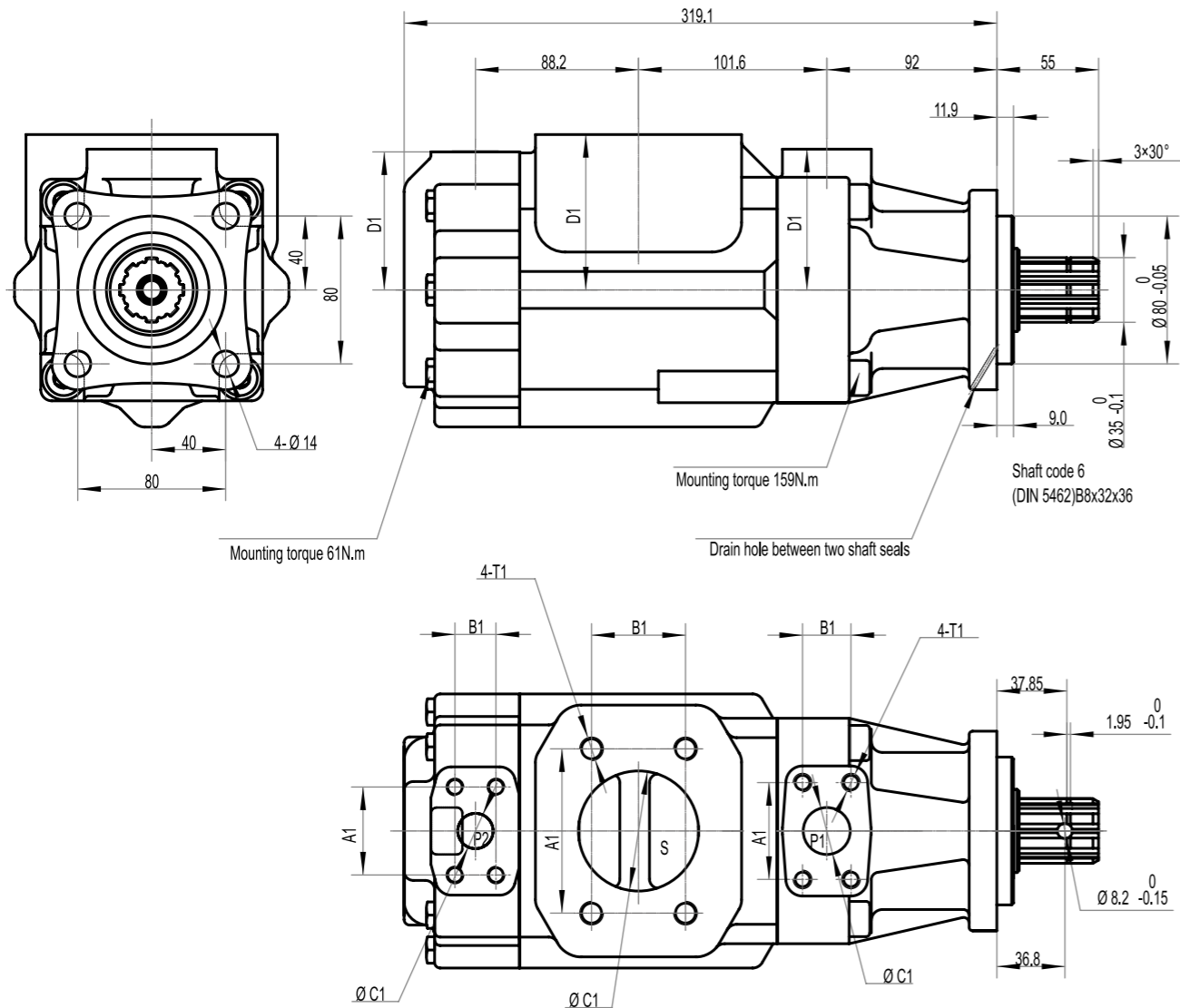
### Port positions (Viewed from shaft end of pump)

T6GCC  
T7GBB  
T67GCB



### Installation Dimensions

T6GCC, T67GCB, T7GBB



	Oil port	Flange	Install Dimensions(mm)					Thread
			A1	B1	C1	D1	T1	
T6GCC T67GCB T7GBB	P1	1"	F08	26.2	52.4	25.4	76.2	3/8" - 16UNCx19.0
	P2	01-11 : 3/4"	F06	22.2	47.6	19.0	76.2	3/8" - 16UNCx19.0
		00-10 : 1"	F08	26.2	52.4	25.4	74.7	
	S	10-11 : 2-1/2"	F20	50.8	88.9	63.5	84.1	1/2" - 13UNCx23.9
00-01 : 3"		F24	61.9	106.4	76.2	84.1	5/8" - 11UNCx28.4	

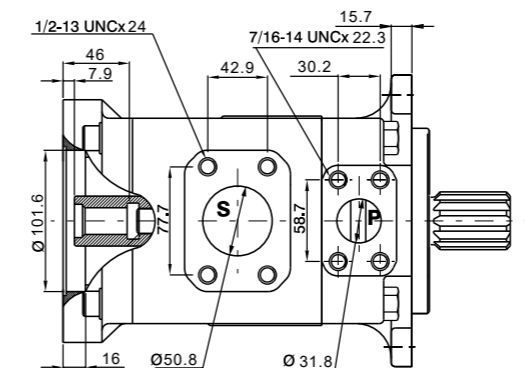
### T6DR Series Vane Pumps



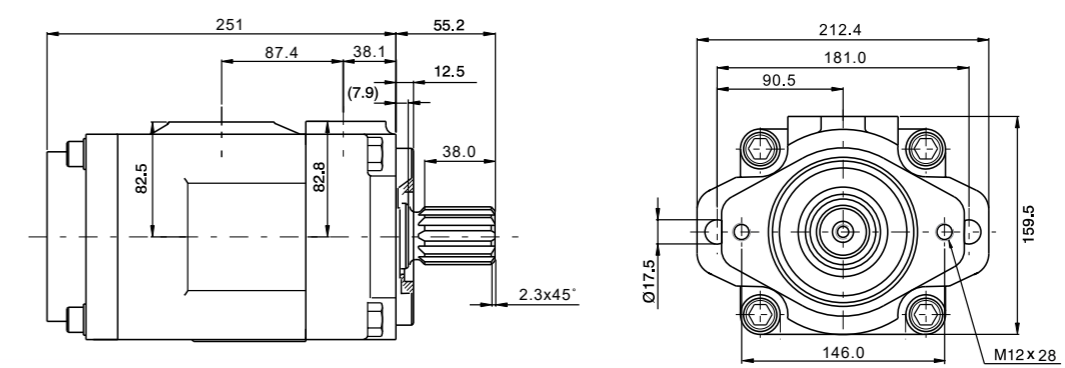
### Model Designation

T6DR	-014	-3	R	00	B20	-A	1
Series	Flow code	Shaft type	Rotation	Outlet positions	Porting adaptor	Design number	Sealing Level
T6DR	014, 017, 020, 024, 028, 031, 035, 038, 042, 045, 050, 061	3 Splined (SAE C)	(Viewed from shaft end of pump) R- right hand for clockwise L- left hand for counter-clockwise	(Viewed from shaft end of pump) 00- Opposite inlet port 01- Inline with inlet 02- 90° CCW from inlet 03- 90° CW from inlet	B20 P B21 P	A	1-S1 , NBR Nitrile rubber 5-S5 , Fluororubber

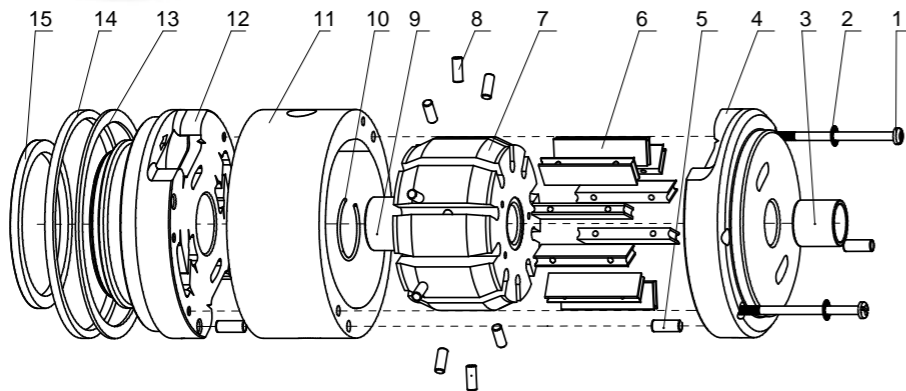
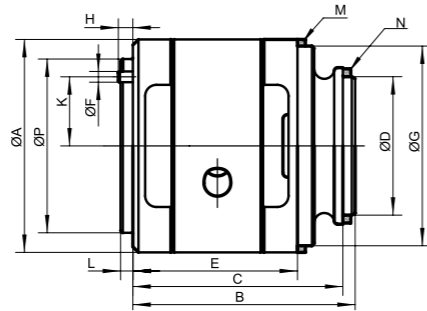
### Installation Dimensions



**Shaft code 3**  
SAE C SPLINED SHAFT  
CLASS 1-J498 b  
12/24 d.p. - 14 TEETH  
30° PRESSURE ANGLE  
FLAT ROOT SIDE FIT



## T6, T7 Series cartridge

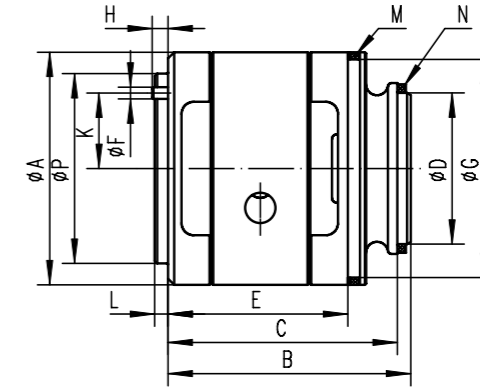


NO.	Part	Qty	NO.	Part	Qty	NO.	Part	Qty
1	slotted pan head screw	2	6	kit vane	10 or 12	11	cam ring	1
2	Internal tooth seal kit	2	7	rotor	1	12	outlet support plate	1
3	sliding bearing	1	8	Pins	10 or 12	13	retainer	1
4	inlet support plate	1	9	Seal bush	1	14	rectangle seal kit	1
5	Pin	3	10	Roundwire snap rings for hole	1	15	rectangle seal kit	1

### Model Designation

Cartridge name	T6DC	-045	R	1
Cartridge name	Series	Flow code	Rotation	Sealing Level
	T7B(S), T7BB(S), T67CB, T67DB, T67EB, T67DBB, T67DCB, T67DDBS, T67EDB	B02, B03, B04, B05, B06, B07, B08, B10, B12, B15	Viewed from shaft end of pump R- right hand for clockwise L- left hand for counter-clockwise	1-S1, NBR Nitrile rubber 5-S5, Fluororubber
	T7D(S), T7DB(S), T7ED(S), T67DC, T67ED	B14, B17, B20, B22, B24, B28, B31, B35, B38, B42		
	T7E(S), T7EE(S), T7ED(S)	042, 045, 050, 052, 054, 057, 062, 066, 072, 085		
	T6C, T6CC, T67CB, T6DC, T6EC, T6DCC, T67DCB, T6DDCS, T6EDC(S)	003/B03, 005/B05, 006/B06, 008/B08, 010/B10, 012/B12, 014/B14, 017/B17, 020/B20, 022/B22, 025/B25, 028/B28, 031/B31		
	T6D, T6DC, T67DB, T6ED, T6DCC, T67DBB, T67DCB, T6DDCS, T67DDBS, T6EDC(S), T67EDB	014/B14, 017/B17, 020/B20, 024/B24, 028/B28, 031/B31, 035/B35, 038/B38, 042/B42, 045/B45, 050/B50, 061		
	T6E, T6EC, T67EB, T6ED, T6EDC(S), T67EDB	042, 045, 050, 052, 057, 062, 066, 072, 085		

003/B03 In displacement code, 0 means single steering valve plate structure, B means the two steering valve plate structure. The data of relevant series ,model are unanimous.Please see T6 series-single pumps data.



### Model Designation

Cartridge name	Sliding bearing diameter	A	B	C	D	E	F	G	H	K	M Rubber washer)	N Rubber washer)	P	L
T6C, T7B(S)	15.90													
T6CC, T67CB, T7BB(S)														
T6CC, T7BB(S), T67CB, T6DCC, T67DBB, T67DCB, T6DDCS, T67DDBS, T6EDC(S), T67EDB	19.05	95.25	99.4	93.9	61.9	72.1	4.8	89.1	4.8	43.7	88.5 × 3.53	60 × 3.53	77.7	5.5
T6DC, T7DB(S), T7EB(S), T67DB, T67DC, T6EC, T67EC, T67EB	22.225													
T6DCC, T67DBB, T67DCB		95.25	83.4	77.3	52.6	-	4.8	-	4.8	43.7	89x2.4	52x2.4	77.7	5.5
T6D, T7D(S), T6DCC, T67DBB, T67DCB	22.225													
T6DC, T67DB, T7DB(S), T7DD(S), T67DC, T6DDCS, T67DDBS		123.0	132.4	125.8	71.9	102.2	6.4	108.1	8.0	41.2	107.5 × 3.53	69.5 × 3.53		
T6ED, T7DD(S), T6EDC(S), T67EDB	28.6													
T6DDCS, T67DDBS, T7DD(S)	22.225													
T6E, T7E(S)	28.6													
T6ED, T6EC, T67EB, T7EB(S), T7ED(S), T7EE(S), T6EDC(S), T67EDB, T67EC		143.08	150.3	142.5	88.0	113.0	8.0	137.0	8.0	49.2	136.1 × 3.53	85.3 × 3.53		

Cartridge name	Inside spline tooth outline parameter of rotor				
	Number of teeth	Pitch	Pressure angle	Major diameter	Minor diameter
T6CC, T7BB(S), T67CB, T6DCC, T67DBB, T67DCB	32	40/80	45 °	21.41	19.9
T6C, T7B(S), T6CC, T7BB(S), T7DB(S), T7DD(S), T7EB(S), T67CB, T6DC, T67DB, T6EC, T67EB, T67DC, T67EC, T6DCC, T67DBB, T67DCB, T6DDCS, T67DDBS, T6EDC(S), T67EDB	28	40/80	45 °	18.87	17.4
T6D, T6DC, T67DB, T6DCC, T67DBB, T67DCB, T6DDCS, T67DDBS, T6EDC(S), T67EDB, T6ED, T7ED(S), T7EE(S)	25	24/48	45 °	28.19	25.8
T6DDCS, T6DDBS	20	24/48	45 °	22.89	20.5
T6E, T7E(S), T6EC, T67EB, T6ED, T6EDC(S), T67EDB	34	24/48	45 °	37.72	35.4