

## T6, T7 系列柱销式叶片泵 Series pin Vane Pumps

适用于塑胶机械、压铸机械、冶金机械、炼油机械、压力机械、工程机械及船舶机械等的高压高性能柱销式叶片泵。

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.

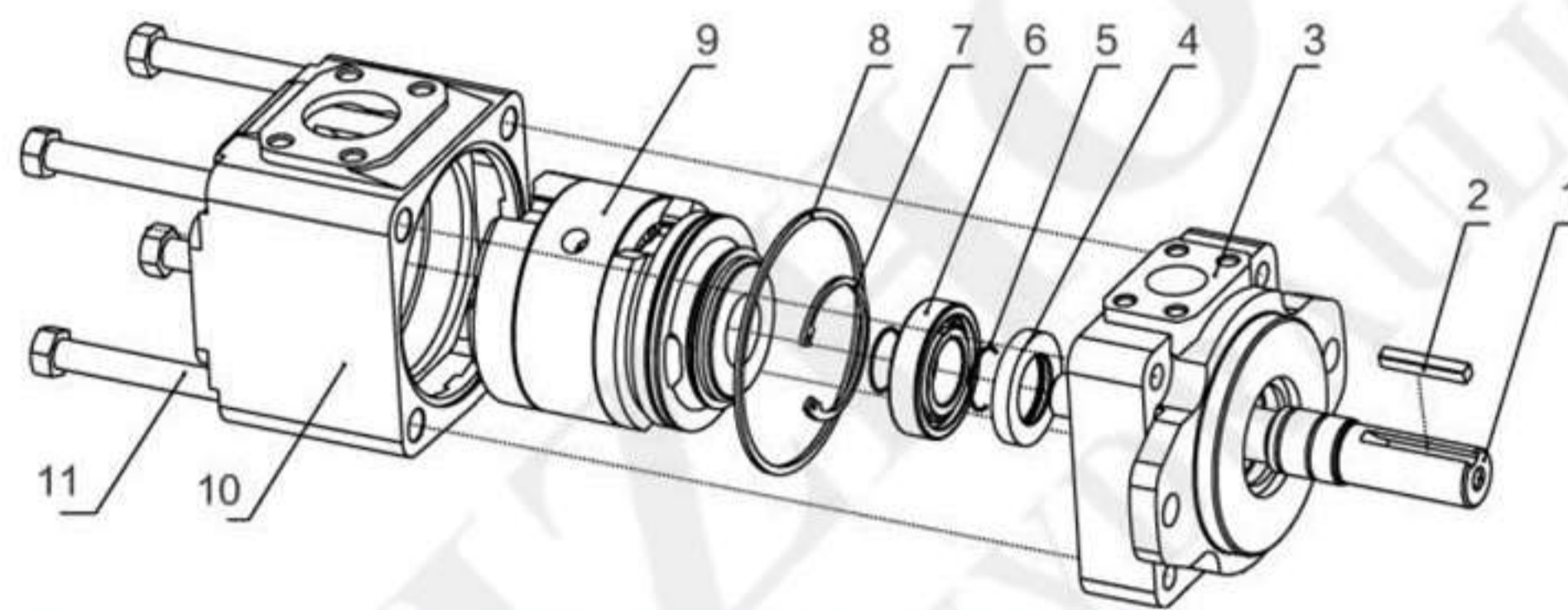
### 主要特点为:

- 1、采用柱销式叶片结构，其工作压力更高，噪声更低，寿命更长。
- 2、适应液压介质的粘度范围大，能在低温下启动和高温下运行。
- 3、采用双唇结构的叶片，抗污染能力强，转速范围宽。

### 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 系列单泵 Series single pumps



序号 NO.	名称 Part	数量 Qty	序号 NO.	名称 Part	数量 Qty	序号 NO.	名称 Part	数量 Qty
1	轴 shaft	1	5	轴用钢丝挡圈 cir clip for shaft	2	9	泵芯 cartridge kit	1
2	平键 straight key	1	6	滚动轴承 ball bearing	1	10	后盖 rear cover	1
3	前盖 front cover	1	7	孔用弹性挡圈 cir clip for hole	1	11	外六角头螺栓 Hexagon head bolt	4
4	油封 shaft seal	1	8	矩形密封圈 rectangle seal ring	1			

### 型号说明/Model Designation

T7B	S	-B10	-1	R	00	-A	1	01
系列号 Series	类别代号 Type Code	排量代号 Flow code	轴伸形式 Shaft type	旋转方向 Rotation	出口位置 Outlet positions	设计号 Design number	密封等级 Sealing Level	油口尺寸 Port dimensions
T7B	无 No: ISO 3019 安装法兰 Flange	B02, B03, B04, B05, B06, B07, B08, B10, B12, B15	见轴伸尺寸 See of shaft	(从泵的轴端看) (Viewed from shaft end of pump) R-顺时针旋转 right hand for clockwise L-逆时针旋转 left hand for counter-clockwise	(从泵的轴端看) (Viewed from shaft end of pump) 00-进油口对面 Opposite inlet port 01-进油口同侧 Inline with inlet 02-从进油口逆时针90° 90° CCW from inlet 03-从进油口顺时针90° 90° CW from inlet	A	1-S1, 丁腈橡胶 NBR Nitrile rubber	00、01, 见安装连接尺寸 See installation dimensions
T7D	S: SAE J744 安装法兰 installation flange	B14, B17, B20, B22, B24, B28, B31, B35, B38, B42						无此选项
T7E		042, 045, 050, 052, 054, 057, 062, 066, 072, 085						
T6C	无: 工业用型 M: 车用型 P: 双重油封 车用型	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					5-S5, 氟橡胶 Fluororubber	无此选项
T6D	NO: industrial type M: truck type P: truck type double seal kits	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** 排量代号中0表示单转向型配流侧板结构，B表示双转向型配流侧板结构  
In displacement code, 0 means single steering valve plate structure, B means the two steering valve plate structure.

技术参数/Technical Data

系列号 series	排量代号 Flow code (USgpm)	理论排量 Geometric displace- ment mL/r	最高压力/Max.pressure Mpa						最高转速/Max.speed r/min		最低转速 Min. speed r/min
			抗磨液压油 Antiwear hydraulic oil		普通液压油和磷酸酯液 General hydraulic oil or phosphate ester fluid		水乙二醇和油包水乳化液 Water glycol fluid or water-oil emulsions		普通液压油和 抗磨液压油 General hydraulic oil or antiwear hydraulic oil	水乙二醇、磷酸酯 液和油包水乳化液 Water glycol fluid or phosphate ester fluid or water-oil emulsions	
			间歇	连续	间歇	连续	间歇	连续			
			Instant	Continuous	Instant	Continuous	Instant	Continuous			
T7B T7BS	B02	5.8									
	B03	9.8									
	B04	12.8									
	B05	15.9	35	32	24	21	17.5	14	3600	1800	600
	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									
	B17	55.0									
	B20	66.0									
	B22	70.3	30	25	24	21	17.5	14	3000	1800	600
	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									
	045	142.4									
	050	158.5									
	052	164.8									
	054	171.0	24	21	21	17.5	17.5	14	2200	1800	600
	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

技术参数/Technical Data

系列号 series	排量代号 Flow code (USgpm)	理论排量 Geometric displacement mL/r	最高压力/Max.pressure Mpa						最高转速/Max.speed r/min		最低转速 Min. speed r/min
			抗磨液压油 Antiwear hydraulic oil		普通液压油和磷酸酯液 General hydraulic oil or phosphate ester fluid		水乙二醇和油包水乳化液 Water glycol fluid or water-oil emulsions		普通液压油和抗磨液压油 General hydraulic oil or antiwear hydraulic oil	水乙二醇、磷酸酯液和油包水乳化液 Water glycol fluid or phosphate ester fluid or water-oil emulsions	
			间歇	连续	间歇	连续	间歇	连续			
			Instant	Continuous	Instant	Continuous	Instant	Continuous			
T6C	003/B03	10.8									
	005/B05	17.2									
	006/B06	21.3									
	008/B08	26.4									
	010/B10	34.1									
	012/B12	37.1	28	24	21	17.5	17.5	14	2800	1800	600
	014/B14	46.0									
	017/B17	58.3									
	020/B20	63.8									
	022/B22	70.3									
	025/B25	79.3							2500		
	028/B28	88.8	21	16	21	16	17.5	14	2500	1800	600
031/B31	100.0										
T6D	014/B14	47.6									
	017/B17	58.2									
	020/B20	66.0									
	024/B24	79.5									
	028/B28	89.7	25	21	21	17.5	17.5	14	2500	1800	600
	031/B31	98.3									
	035/B35	111.0									
	038/B38	120.3									
	042/B42	136.0							2200		
	045/B45	145.7							2200		
	050/B50	158.0	21	16	21	16	17.5	14	2200	1800	600
061	190.5	12	8	8	8	7.5	7.5				
T6E	042	132.3									
	045	142.4									
	050	158.5									
	052	164.8	25	21	21	17.5	17.5	14	2200	1800	600
	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** 排量代号中0表示单转向型配流侧板结构，B表示双转向型配流侧板结构  
In displacement code, 0 means single steering valve plate structure, B means the two steering valve plate structure.

## 工作性能/Operation Performance

使用抗磨液压油，油液粘度24cst时。Using the anti-wear hydraulic oil, the oil viscosity 24cst.

系列 Series	理论排量 Geological Displaceme-nt mL/rev	转速 Rotation speed r/min	流量/Flow (L/min)							输入功率 /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	-

## 工作性能/Operation Performance

使用抗磨液压油，油液粘度24cst时。Using the anti-wear hydraulic oil, the oil viscosity 24cst.

系列 Series	理论排量 Geological Displaceme-nt mL/rev	转速 Rotation speed r/min	流量/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	-

系列 Series	输入功率 /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	-

## 工作性能/Operation Performance

使用抗磨液压油，油液粘度24cst时。Using the anti-wear hydraulic oil, the oil viscosity 24cst.

系列 Series	理论排量 Geological Displaceme-nt mL/rev	转速 Rotation speed r/min	流量/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	-	-

系列 Series	输入功率 /Input Power (KW)		
	P=0.7 MPa	P=14 MPa	P=24 MPa
	KW	KW	KW
T7E(S)-042	5.2	49.4	82.6
T7E(S)-045	5.4	52.9	88.7
T7E(S)-050	5.7	58.5	50.7
T7E(S)-052	5.8	60.8	102.1
T7E(S)-054	5.9	63.0	105.8
T7E(S)-057	6.1	67.3	113.2
T7E(S)-062	6.4	71.9	121.3
T7E(S)-066	6.7	77.7	131.2
T7E(S)-072	6.9	82.6	139.5
T7E(S)-085	9.1	-	-

**085\*** 最大转速2000r/min, 最大间歇压力9MPa  
The max rotation speed is 2000r/min, and the max intermittent pressure is 9MPa.

## 工作性能/Operation Performance

使用抗磨液压油，油液粘度24cst时。Using the anti-wear hydraulic oil, the oil viscosity 24cst.

系列 Series	理论排量 Geological Displaceme-nt mL/rev	转速 Rotation speed r/min	流量/Flow (L/min)						输入功率 /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

## 工作性能/Operation Performance

使用抗磨液压油，油液粘度24cst时。Using the anti-wear hydraulic oil, the oil viscosity 24cst.

系列 Series	理论排量 Geological Displacement mL/rev	转速 Rotation speed r/min	流量/Flow (L/min)						输入功率 /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-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

## 工作性能/Operation Performance

使用抗磨液压油，油液粘度24cst时。Using the anti-wear hydraulic oil, the oil viscosity 24cst.

系列 Series	理论排量 Geological Displaceme-nt mL/rev	转速 Rotation speed r/min	流量/Flow (L/min)					输入功率 /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
		1800	85.7	81.7	76.7	72.7	70.7	2.9	12.1	22.3	32.5	36.9
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
		1800	104.8	100.8	95.8	91.8	89.8	3.1	14.4	26.8	39.2	44.5
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
		1800	143.1	139.1	134.1	130.1	128.1	3.6	18.8	35.7	52.6	59.9
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
		1800	161.5	157.5	152.5	148.5	146.5	3.8	21.0	40.0	59.0	67.2
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
		1800	199.8	195.8	190.8	186.8	184.8	4.2	25.4	49.0	72.5	82.5
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
		1800	244.8	240.8	235.8	231.8	229.8	4.8	30.7	59.5	88.2	100.5
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 \*** 最大间歇压力21MPa  
The max intermittent pressure is 21MPa

## 工作性能/Operation Performance

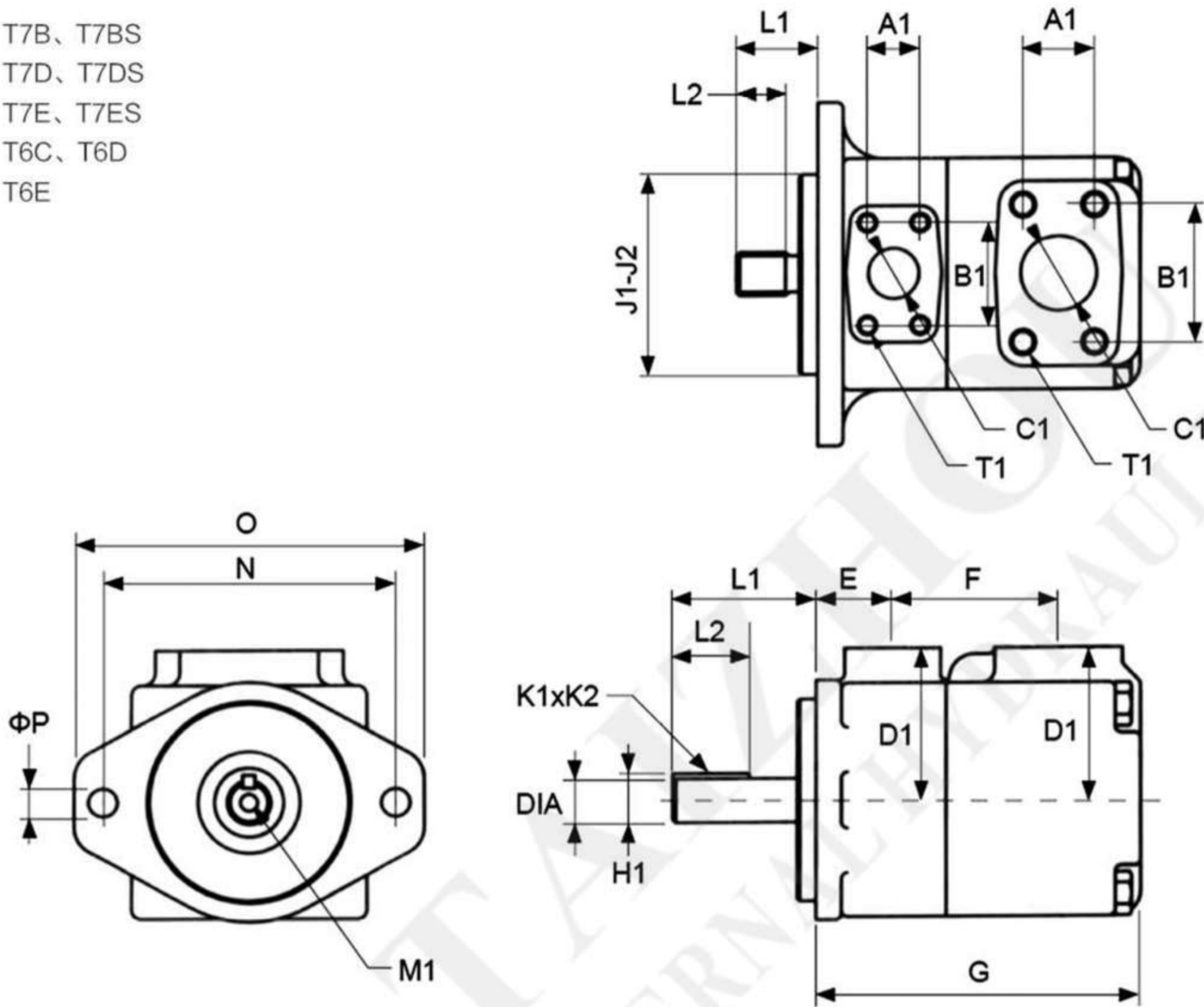
使用抗磨液压油，油液粘度24cst时。Using the anti-wear hydraulic oil, the oil viscosity 24cst.

系列 Series	理论排量 Geological Displaceme-nt mL/rev	转速 Rotation speed r/min	流量/Flow (L/min)					输入功率 /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 \*** 最大转速2000r/min, 最大间歇压力9MPa  
The max rotation speed is 2000r/min, and the max intermittent pressure is 9MPa

安装连接尺寸/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
$\Phi P$	14.00	14.30	18.00	17.50	18.00	17.50	14.30	17.50	17.50

## 安装连接尺寸/Installation Dimensions

轴伸 Shaft extension

型号 Model	轴伸代号 Shaft code	最大扭矩 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级, 径节16/32, 13牙			-
	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级, 径节12/24, 14牙			-
	4	●	77.7	48.0	SAE J498b 1级, 径节12/24, 14牙			-
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级, 径节12/24, 14牙			-
	4	●	62.2	31.5	SAE J498b 1级, 径节12/24, 17牙			-
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级, 径节16/32, 13牙			-
	4	●	45.5	24.5	SAE J498b 1级, 径节16/32, 15牙			-
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级, 径节12/24, 14牙			-
	4	●	77.7	48.0	SAE J498b 1级, 径节12/24, 14牙			-
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级, 径节12/24, 14牙			-
	4	●	62.2	31.5	SAE J498b 1级, 径节12/24, 17牙			-

- 能在最大流量, 最高压力下工作。  
Work at maximum flow and pressure.

## 安装连接尺寸/Installation Dimensions

油口/Oil port			法兰 Flange	安装尺寸/Install Dimensions(mm)				
				A1	B1	ΦC1	D1	T1口螺纹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



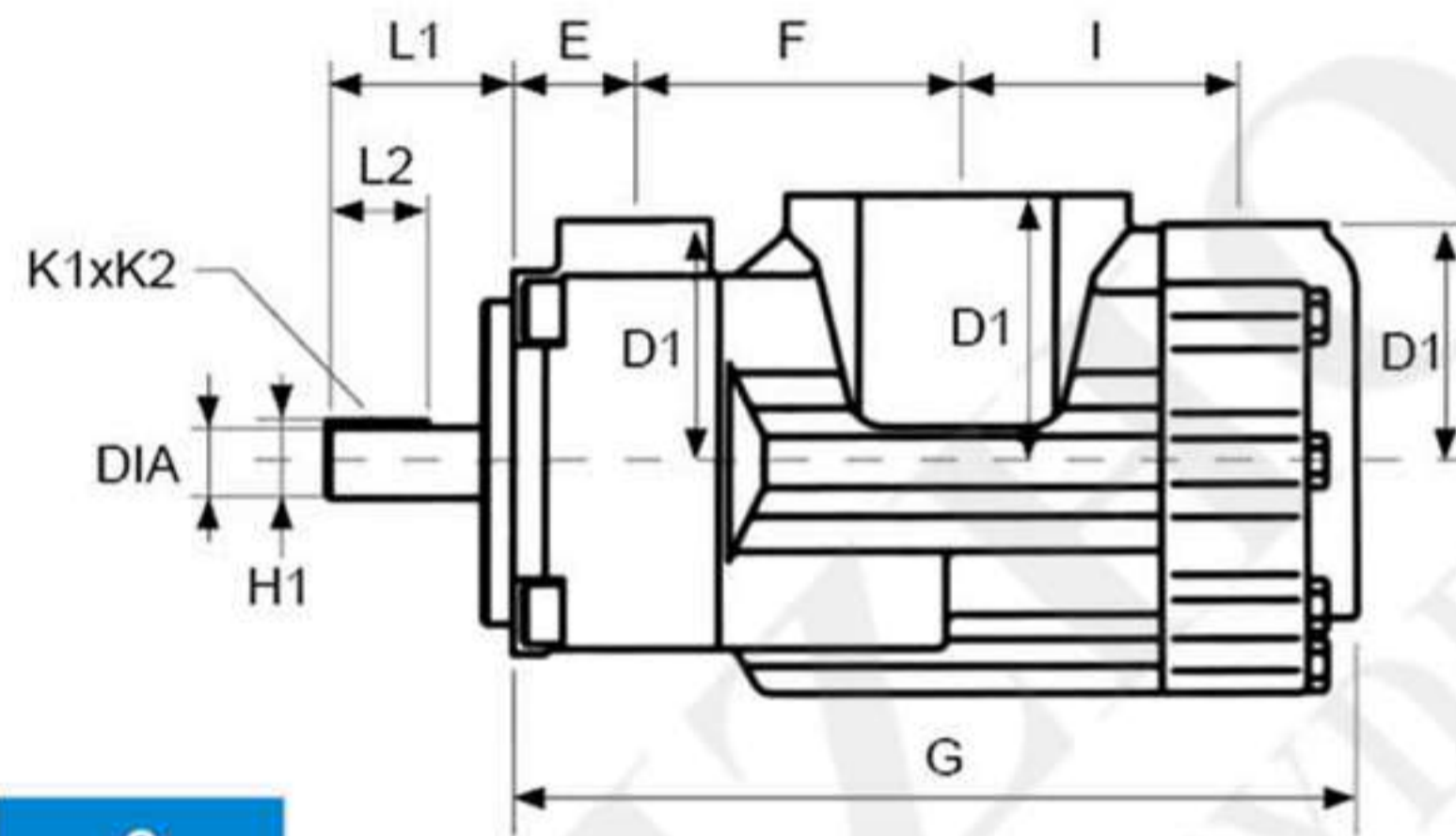
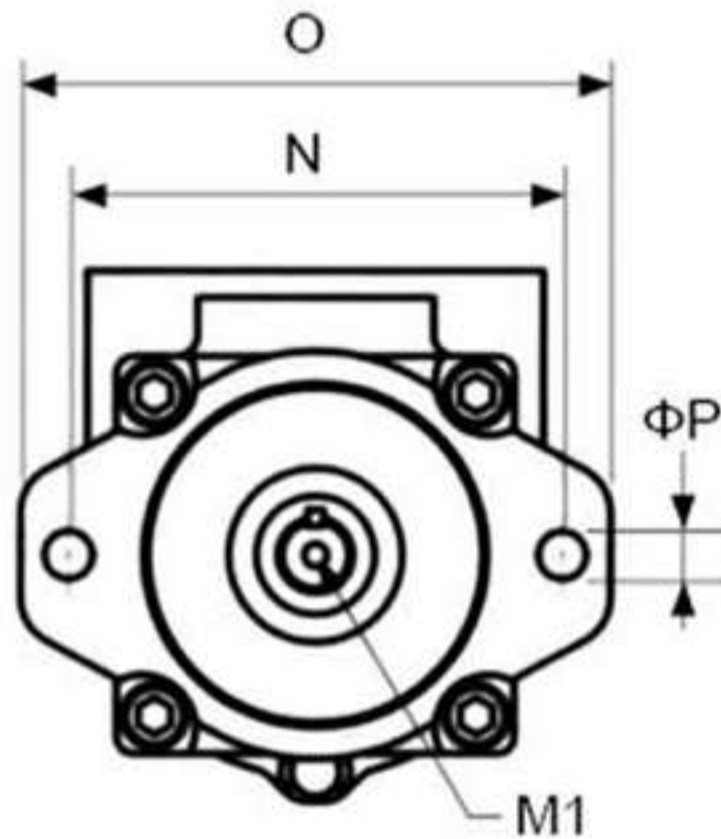
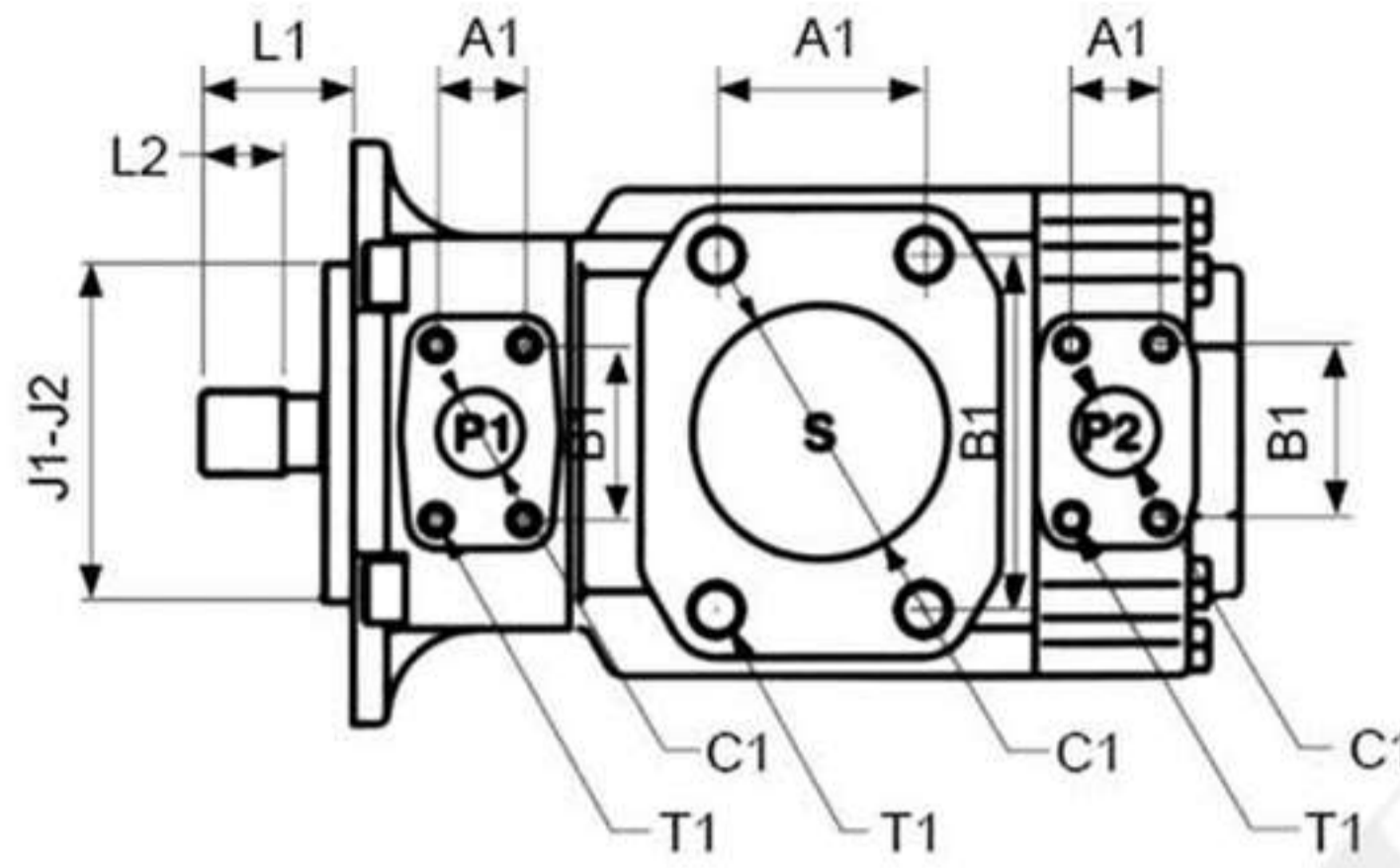
### 型号说明/Model Designation

T6CC	S	W	-025	-017	-1	R	02	-C	1	10		
系列号 Series	类别代号 Type Code	辅助类别代号 Vice Type Code	轴端泵排量代号 Flow-shaft end Pump	盖端泵排量代号 Flow-cover end pump	轴伸形式 Shaft type	旋转方向 Rotation	油口位置 Port positions	设计号 Design number	密封等级 Sealing Level	油口尺寸 Port dimensions		
T7BB	无: 采用 ISO 3019 安装法兰 NO: USE ISO 3019 Installation Flange S: 采用 SAE C J744 安装法兰 S: USE SAE C J744 installation flange	无此项 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 见安装连接尺寸 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 见安装连接尺寸 See installation dimensions		
T7DD			B14, B17, B20, B22, B24, B28, B31, B35, B38, B42	B14, B17, B20, B22, B24, B28, B31, B35, B38, B42								
T7EB			042, 045, 050, 052, 054, 057, 062, 066, 072, 085	B02, B03, B04, B05, B06, B07, B08, B10, B12, B15								无此选项 No
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	无: 工业用型 M: 车用型 P: 车用型 双重油封 NO: industrial type M: truck type P: truck type double seal kits	W: 重型轴 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		从泵的轴端看 Viewed from shaft end of pump				00, 01, 10, 11, M0, M1, W0, W1 见安装连接尺寸 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						1-S1, 丁腈橡胶 NBR Nitrile rubber		
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		见轴伸尺寸 See size of shaft	R-顺时针旋转 right hand for clockwise	见下图 see picture below	C	5-S5, 氟橡胶 Fluororubber	00, 01, M0, M1 见安装连接尺寸 See installation dimensions	
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			L-逆时针旋转 left hand for counter-clockwise					
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								
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								无此选项 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** 排量代号中0表示单转向型配流侧板结构, B表示双转向型配流侧板结构;与相应系列、规格的T6单泵性能参数一致, 详见T6系列单泵的性能参数  
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

## 安装连接尺寸/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
ΦP	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
ΦP	17.5	17.5

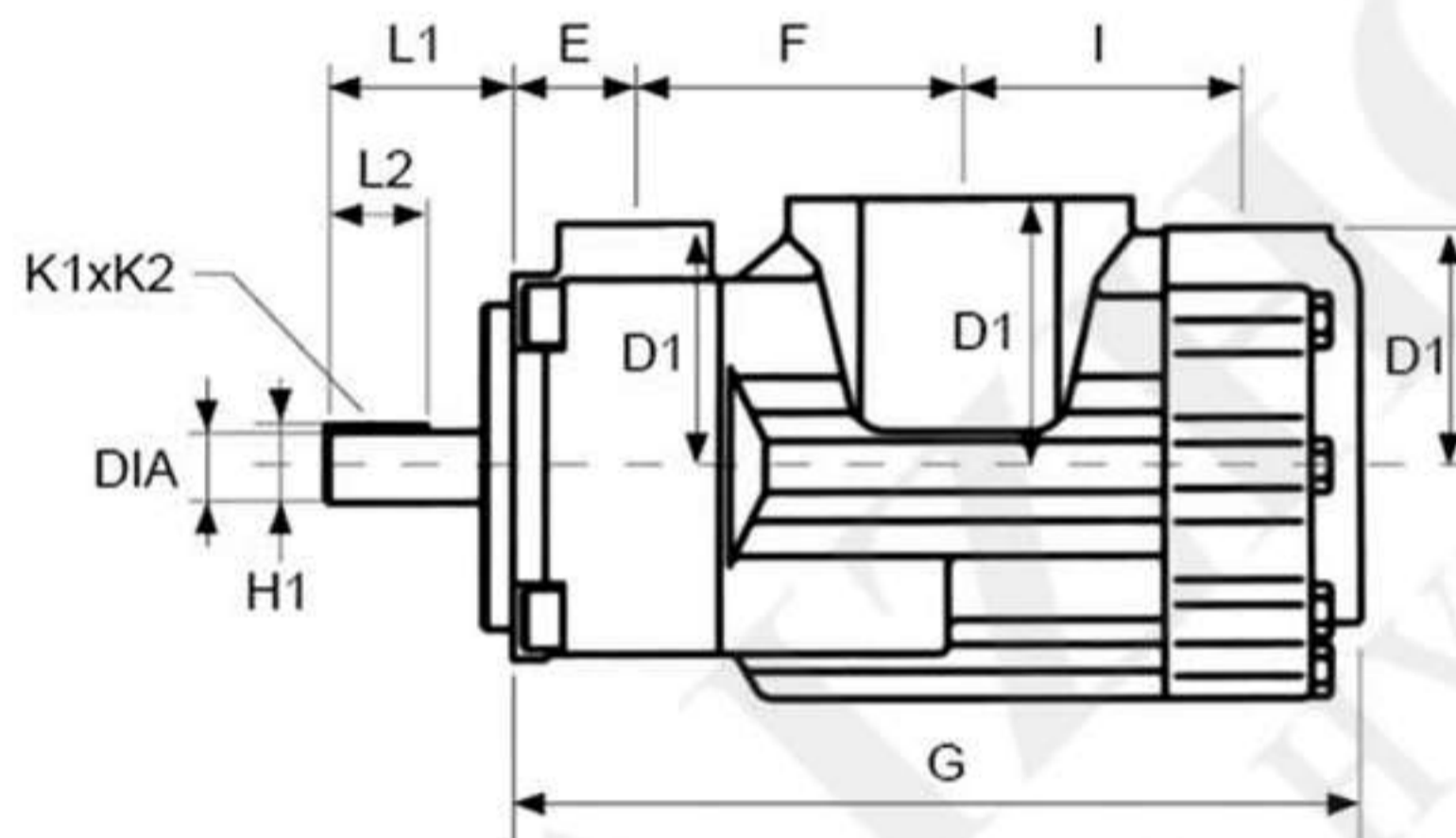
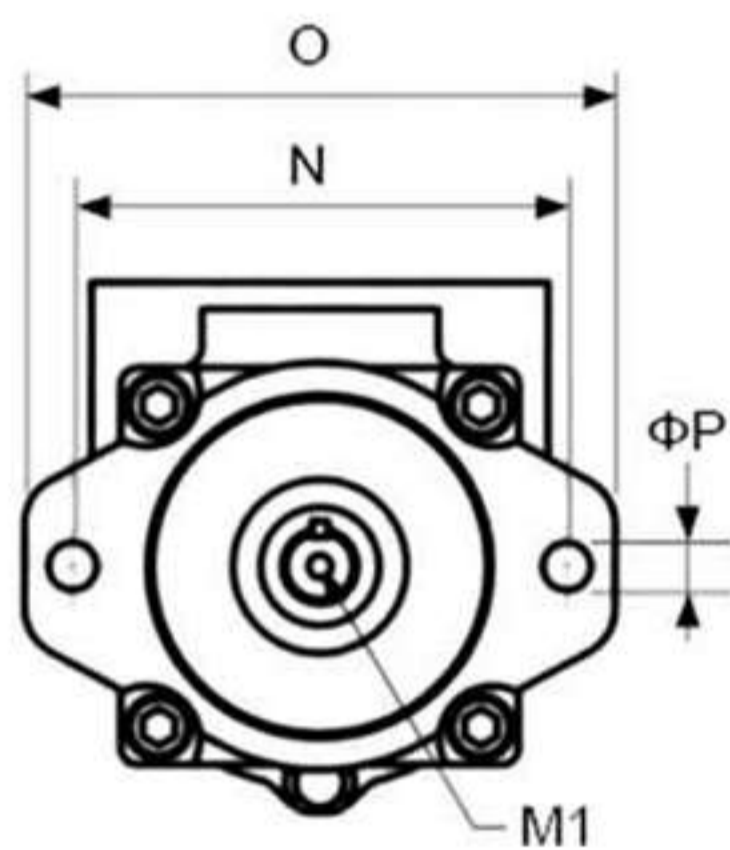
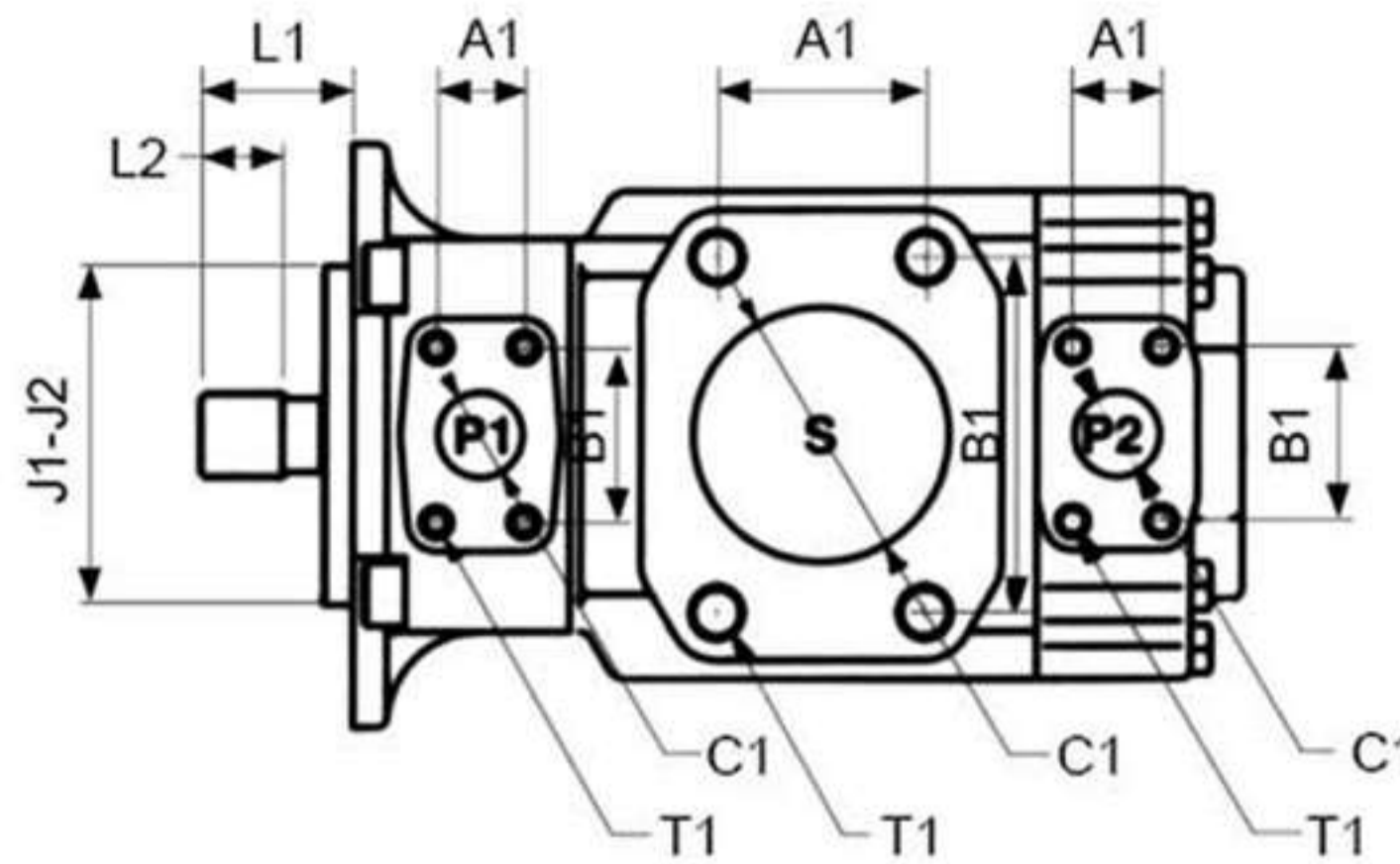
	T6EE	T6EES
E	42.9	42.9
F	167.3	167.3
G	406.8	406.8
I	157.9	157.9
J1	250.00	165.10
J2	249.93	165.05
N	224.5x224.5	224.5x224.5
O	273x273	273x273
ΦP	20.6	20.6

	代号/Code	P1	P2	S
T6CC	00(0M)	1"	1"	3"
	01(W0)	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"

油口/Oil port	法兰 Flange	安装尺寸/Install Dimensions(mm)						
		A1	B1	ΦC1	D1	T1口螺纹Thread		
T6CC	P1	1"	F08	26.2	52.4	25.4	76.2	3/8"-16UNCx19.0 (M10x19)
	P2	3/4"	F06	22.2	47.6	19.0	76.2	3/8"-16UNCx19.0(M10x19)
		1"	F08	26.2	52.4	25.4	74.7	
	S	2-1/2"	F20	50.8	88.9	63.5	84.1	1/2"-13UNCx23.9(M12x24)
3"		F24	61.9	106.4	76.2	84.1	5/8"-11UNCx28.4(M12x28)	
T6DC	P1	1-1/4"	F10	30.2	58.7	31.8	82.6	7/16"-14UNCx22.3(M12x22)
	P2	3/4"	F06	22.2	47.6	19.0	74.7	3/8"-16UNCx19.0(M10x19)
		1"	F08	26.2	52.4	25.4	74.7	
	S	3"	F24	61.9	106.4	76.2	88.9	5/8"-11UNCx28.4(M16x28.4)
T6EC	P1	1-1/2"	F12	35.7	69.9	38.1	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
T6ED	P1	1-1/2"	F12	35.7	69.9	38.1	98.6	1/2"-13UNCx23.4
	P2	1-1/4"	F10	30.2	58.7	31.8	82.6	7/16"-14UNCx24.0
	S	4"	F32	77.8	130.2	101.6	102.4	5/8"-11UNCx30.0
T6EE(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

## 安装连接尺寸/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
ΦP	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
ΦP	18.0	17.5	17.5

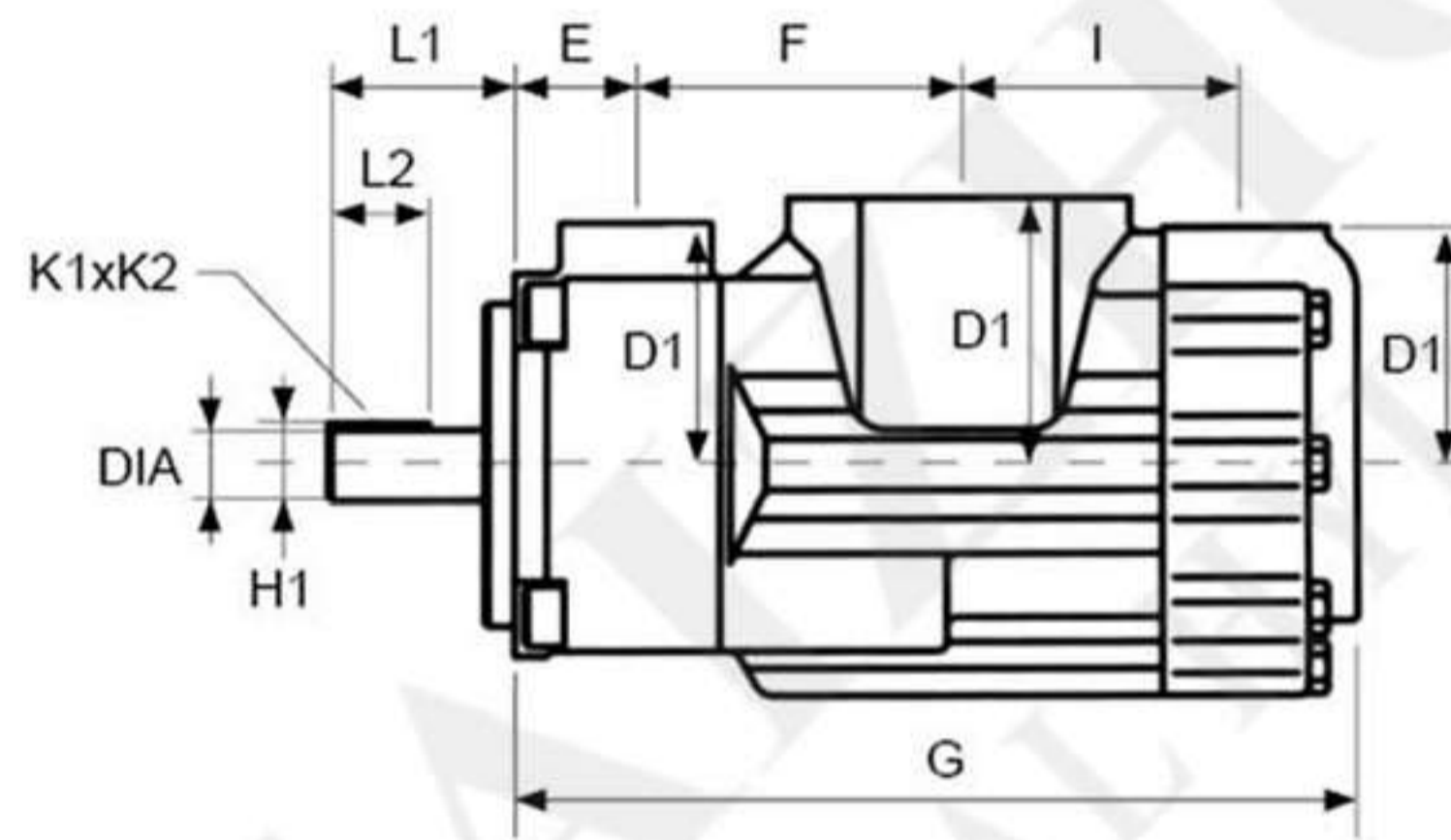
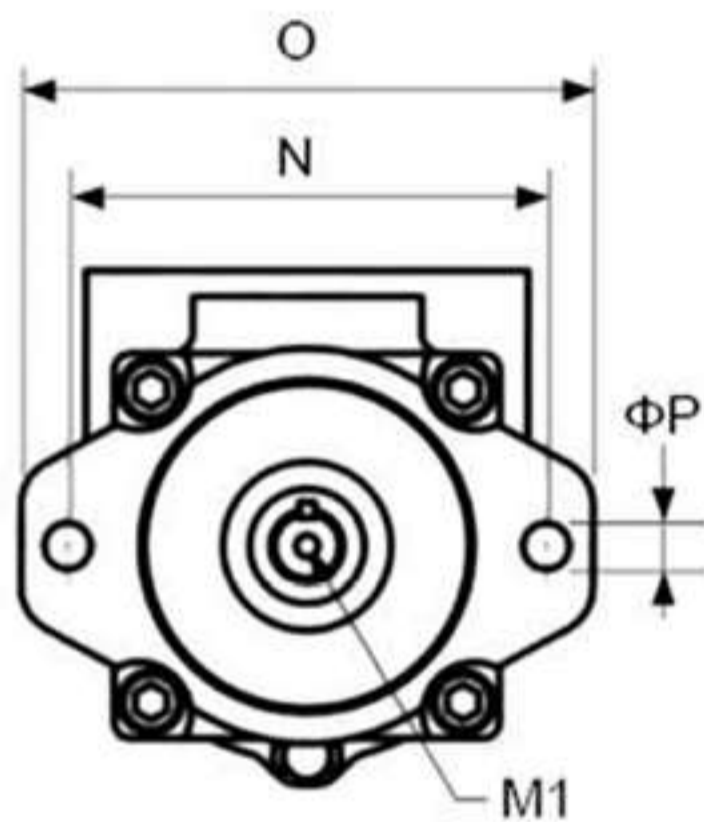
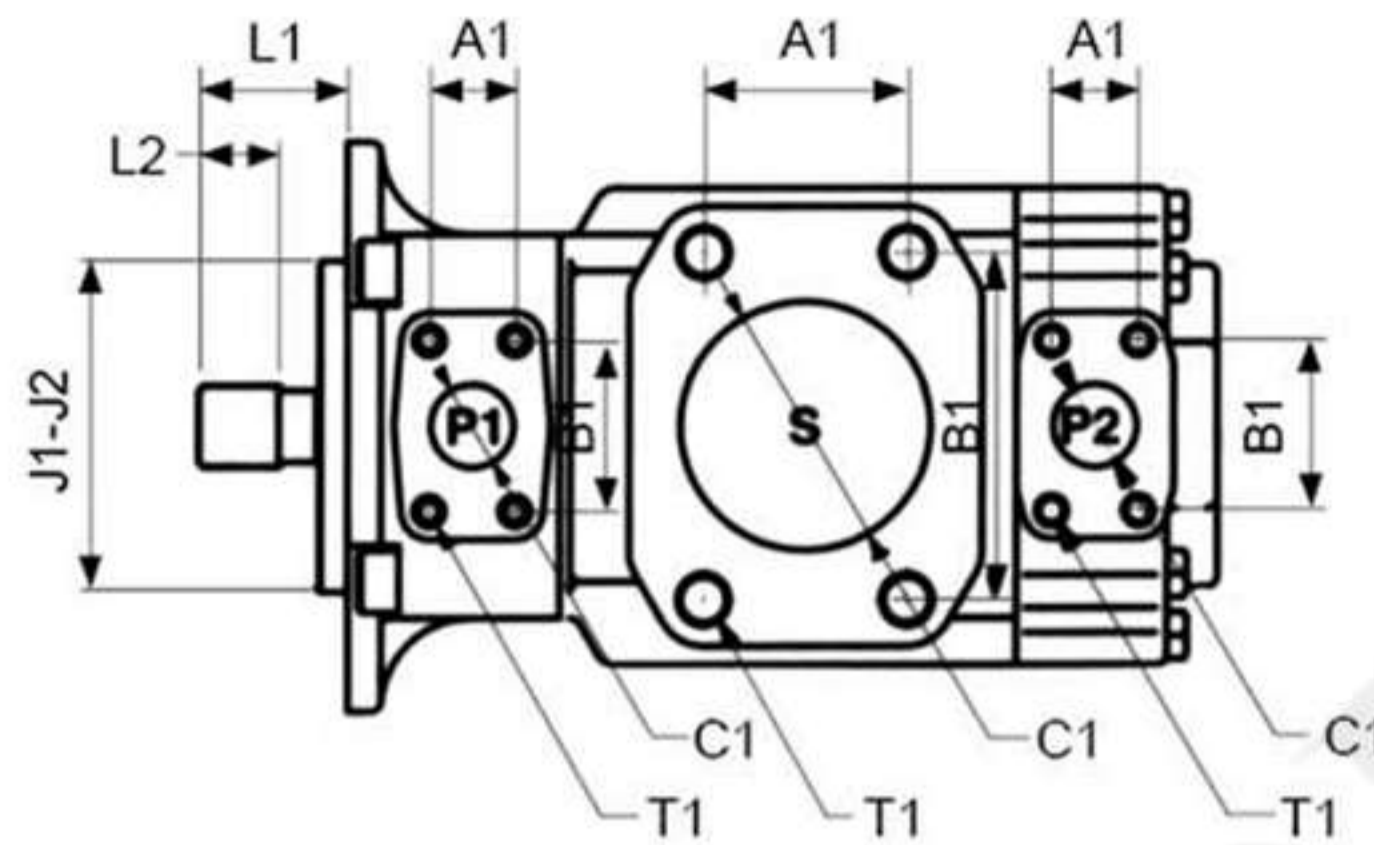
	T7EB	T7EBS	T67EB
E	52.3	52.3	52.3
F	118.5	118.5	118.5
G	331.6	331.6	331.6
I	136.7	136.7	136.7
J1	125.00	127.00	127.00
J2	124.94	126.95	126.95
N	180.0	181.0	181.0
O	213.0	213.0	213.0
ΦP	18.0	17.5	17.5

	代号/Code	P1	P2	S
T7BB(S)	00(0M)	1"	3/4"	2-1/2"
	01(M1)	3/4"	3/4"	2-1/2"

油口/Oil port		法兰 Flange	安装尺寸/Install Dimensions(mm)					
			A1	B1	ΦC1	D1	T1口螺纹Thread	
T7BB(S)	P1	1"	F08	26.2	52.4	25.4	76.2	3/8"-16UNCx19.0 (M10x19)
		3/4"	F06	22.2	47.6	19.0	76.2	
	P2	3/4"	F06	22.2	47.6	19.0	76.2	
	S	2-1/2"	F20	50.8	88.9	63.5	84.1	1/2"-13UNCx23.9(M12x24)
T7DB(S)	P1	1-1/4"	F10	30.2	58.7	31.8	82.6	7/16"-14UNCx22.3(M12x22)
	P2	3/4"	F06	22.2	47.6	19.0	74.7	3/8"-16UNCx19.0(M10x19)
		1"	F08	26.2	52.4	25.4	74.7	
	S	3"	F24	61.9	106.4	76.2	88.9	5/8"-11UNCx29(M16x29)
T67CB	P1	1"	F08	26.2	52.4	25.4	76.2	3/8"-16UNCx19.0
	P2	3/4"	F06	22.2	47.6	19.0	76.2	3/8"-16UNCx19.0
	S	2-1/2"	F20	50.8	88.9	63.5	84.1	1/2"-13UNCx23.9
T67DB	P1	1-1/4"	F10	30.2	58.7	31.8	82.6	7/16"-14UNCx22.3
	P2	3/4"	F06	22.2	47.6	19.0	76.2	3/8"-16UNCx19.0
	S	3"	F24	61.9	106.4	76.2	88.9	1/2"-13UNCx23.9
T67EB	P1	1-1/2"	F12	35.7	69.9	38.1	98.6	1/2"-13UNCx23.4
	P2	3/4"	F06	22.2	47.6	19.0	76.2	3/8"-16UNCx19.0
	S	3-1/2"	F28	69.9	120.7	88.9	102.4	5/8"-11UNCx24.0
T7EB(S)	P1	1-1/2"	F12	35.7	69.9	38.1	98.6	1/2"-13UNCx23.4
	P2	3/4"	F06	22.2	47.6	19.0	74.7	3/8"-16UNCx19.0
	S	3-1/2"	F28	69.9	120.7	88.9	102.4	5/8"-11UNCx29.5

## 安装连接尺寸/Installation Dimensions

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



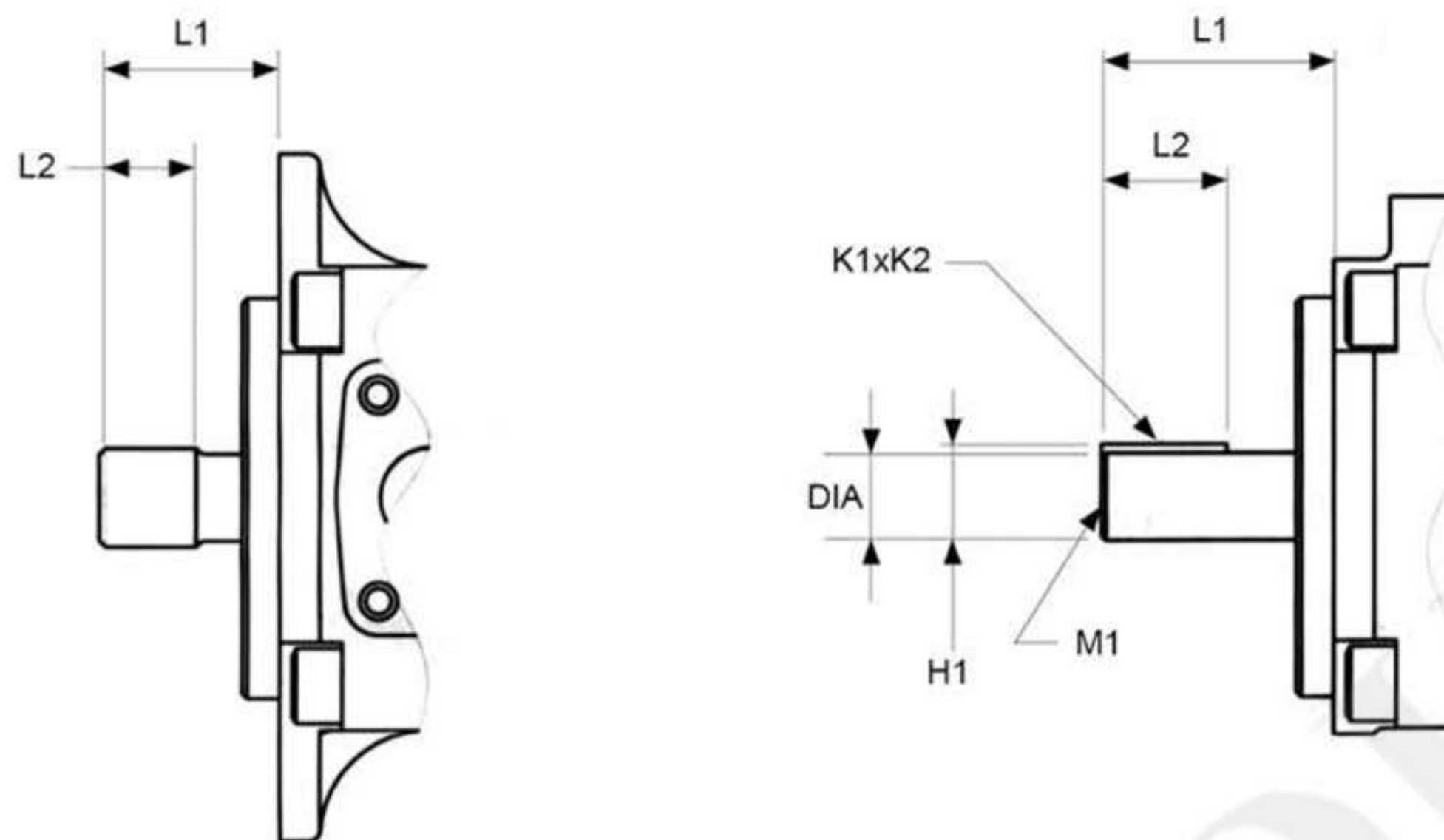
	T7DD	T7DDS	T67DC
E	38.3	38.3	38.1
F	148.3	148.3	114.3
G	347.7	347.7	286.0
I	134.2	134.2	109.5
J1	125.000	127.00	127.00
J2	124.937	126.95	126.95
N	180.0	181.0	181.0
O	213.0	213.0	212.4
ΦP	14.0	14.3	17.5

	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
ΦP	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
ΦP	20.6	20.6

油口/Oil port	法兰 Flange	安装尺寸/Install Dimensions(mm)						
		A1	B1	ΦC1	D1	T1口螺纹 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

## 安装连接尺寸/Installation Dimensions

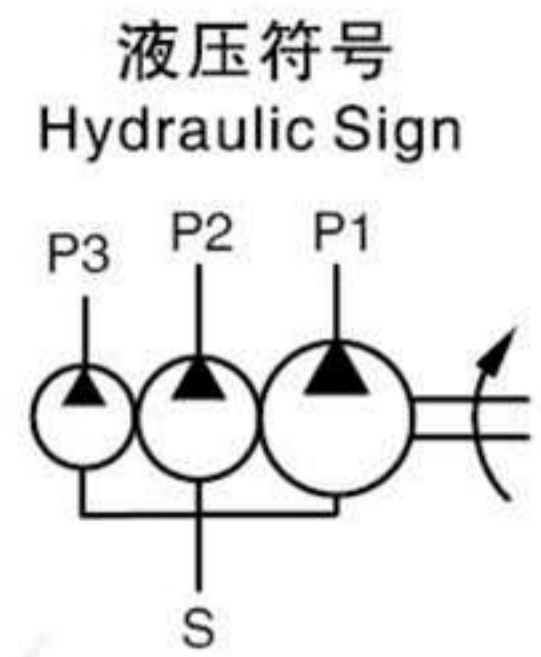
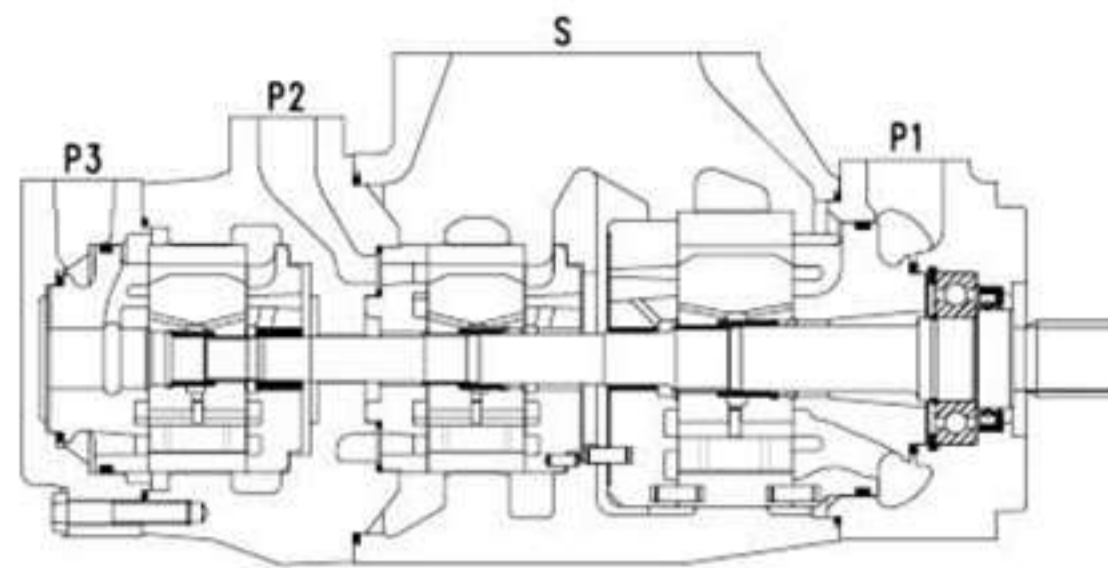


轴伸/Shaft extension

型号 Model	轴伸尺寸 Shaft code	最大扭矩 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	-
T7BBS	1	238	58.2	31.7	22.225/22.200	4.76x4.71	24.53	-
	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
T7DDS	1	●	84.0	49.3	31.75/31.70	7.94x7.89	35.27	M10x20
	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			-
T7EB, T7ED	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
T7EES	1	●	90.9	63.5	38.100/38.075	9.52x9.47	42.36	M10x20
	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			-
T67CB, T6CC	1	238	58.2	31.7	22.225/22.200	4.76x4.71	24.53	-
	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			-
T67DB, T67DC, T6DC	1	721	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 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
T67EB, T67EC, T6EC, T6ED	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	●	55.7	38.0	SAE J498b class1, Diametral pitch 12/24, 14T			-
	4	●	62.2	31.5	SAE J498b class1, Diametral pitch 12/24, 17T			-

- 能在最大流量，最高压力下工作  
Work at maximum flow and pressure.

# T6, T67, T7 系列三联泵 Series Treble pumps



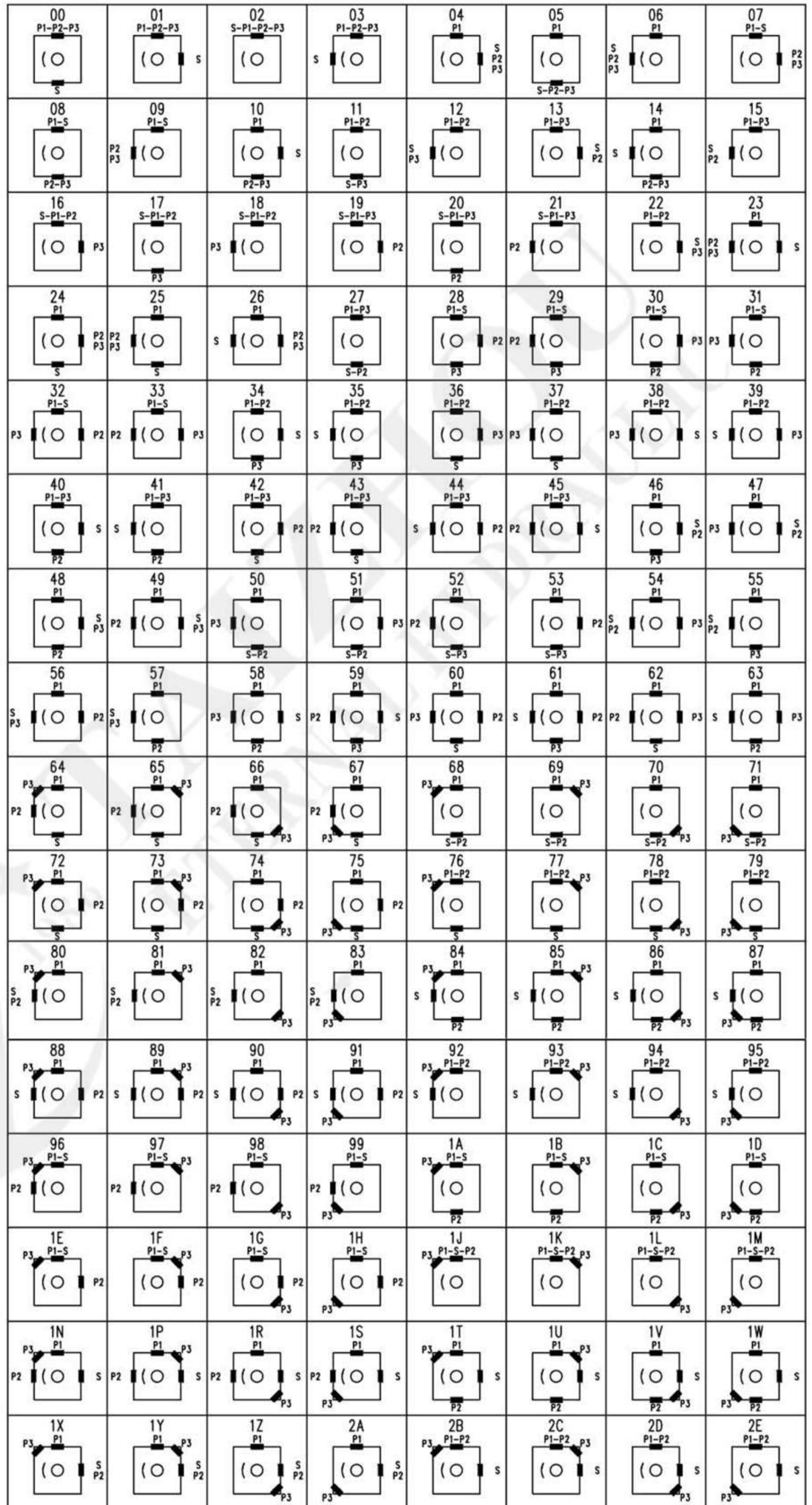
## 型号说明/Model Designation

T6DCC	(M)	-042	-017	-010	-1	R	02	-A	1	01
系列号 Series	类别代号 Type Code	轴端泵排量代号 Flow-shaft end Pump	中间泵排量代号 Flow-mid pump	盖端泵排量代号 Flow-cover end pump	轴伸形式 Shaft type	旋转方向 Rotation	油口位置 Port positions	设计号 Design number	密封等级 Sealing Level	油口尺寸 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						无此选项 NO
T67DCB (S)	无: 工业用型	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		从泵的轴端看				
T6DCC	M: 车用型 S: 车用型 采用SAE J744c 安装法兰	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		R-顺时针 旋转 L-逆时针 旋转				00、01, 见安装连接 尺寸 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	见轴伸 尺寸 See size of shaft	Viewed from shaft end of pump R- right hand for clockwise L- left hand for counter- clockwise	见下图 see picture below	A	1-S1, 丁腈橡胶 NBR Nitrile rubber 5-S5, 氟橡胶 Fluororubber	无此选项 NO
T6DDC	M: truck type S: truck type use SAE SAE C 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, 见安装连接 尺寸 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						无此选项 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, 见安装连接 尺寸 See installation dimensions

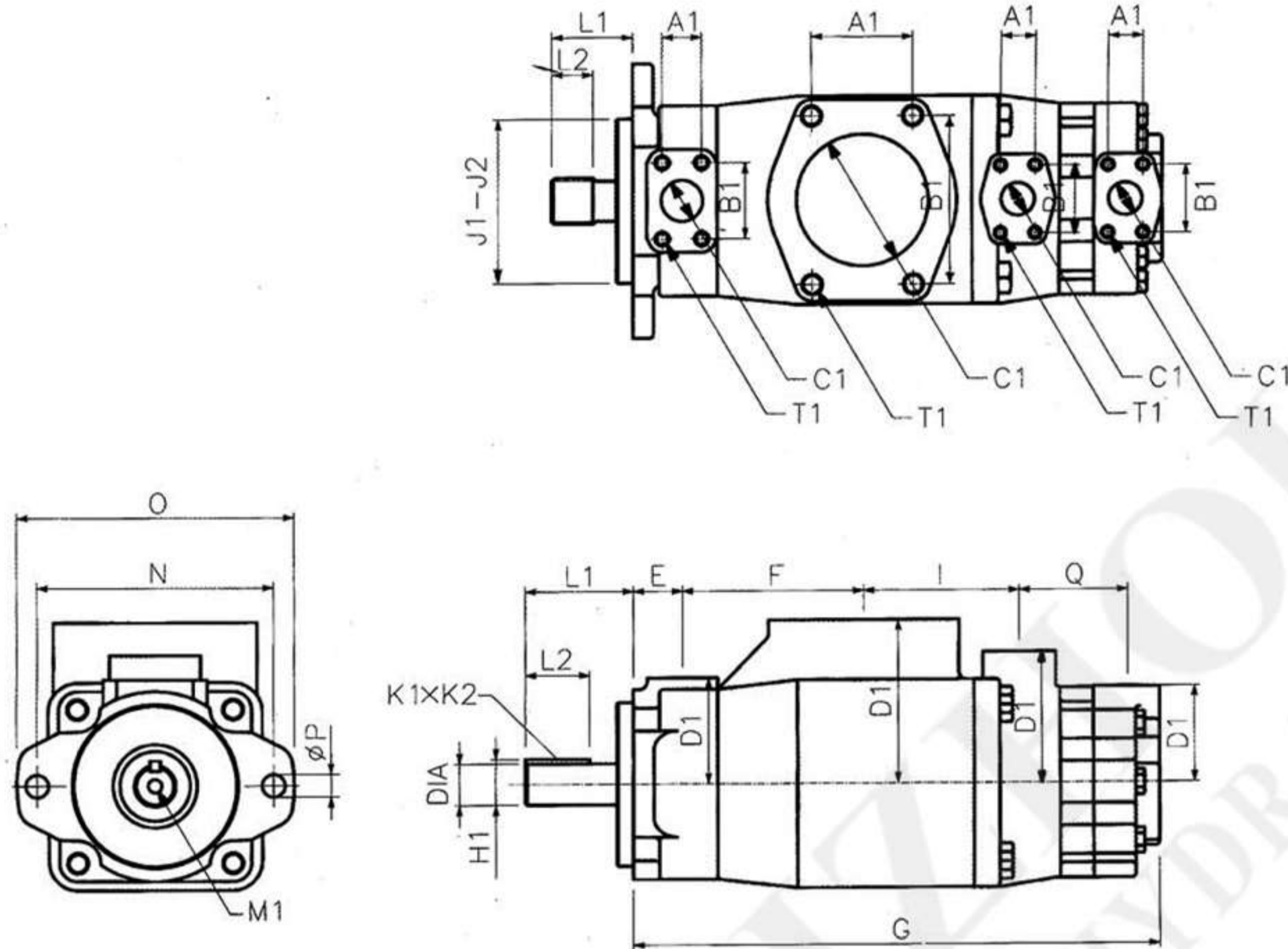
**003/B03** 排量代号中0表示单转向型配流侧板结构, B表示双转向型配流侧板结构; 与相应系列、规格的T6单泵性能参数一致, 详见T6系列单泵的性能参数  
In displacement code, 0 means single steering valve plate structure, B means the two steering valve plate structure.  
The data of relevant series ,model are unanimous.Please see T6 series-single pumps data

### 油口位置(从泵的轴端看)/Port positions(Viewed from shaft end of pump)

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



安装连接尺寸/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
ΦP	17.5
Q	84.4

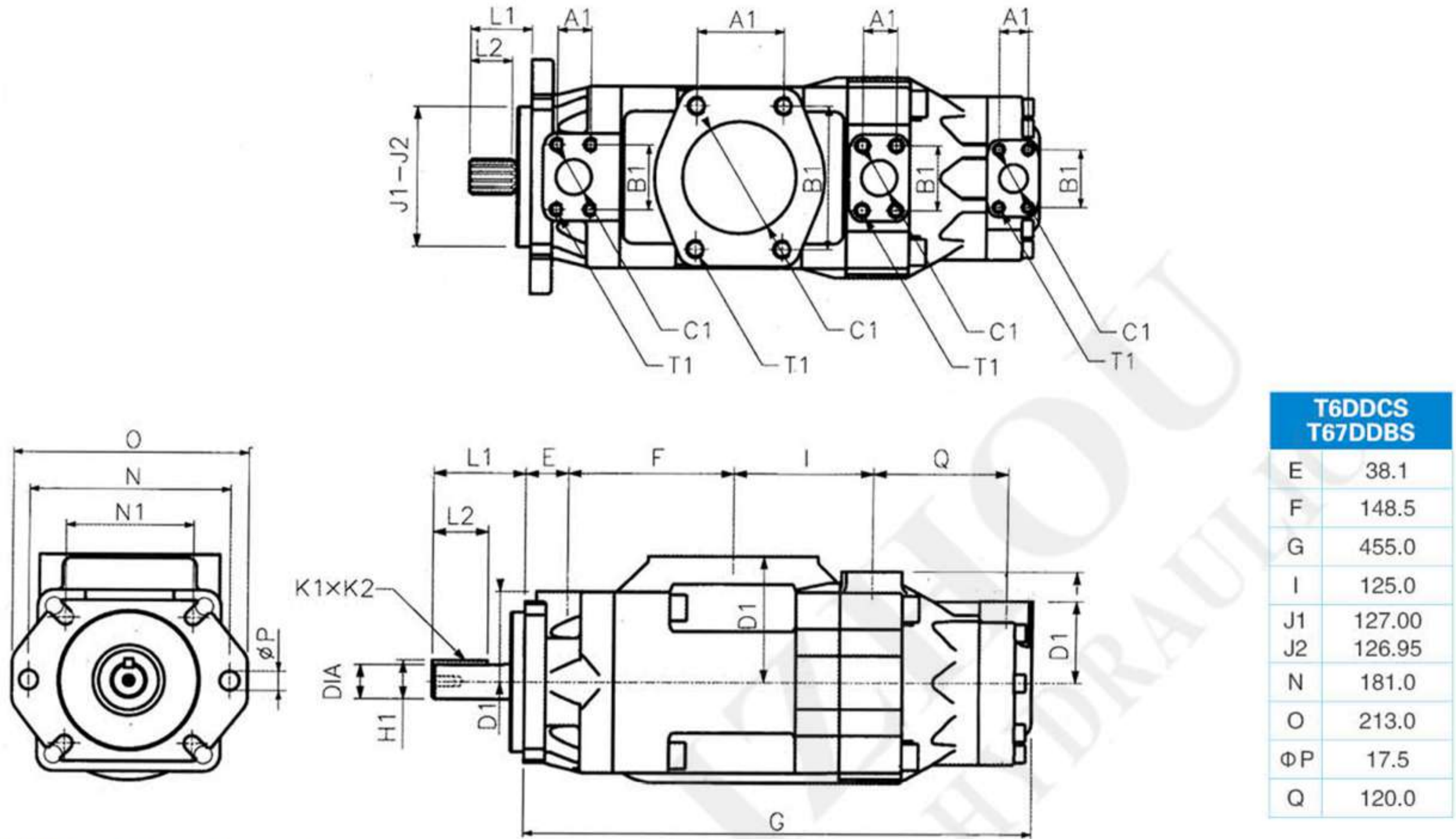
轴伸/Shaft extension

型号 Model	轴伸代号 Shaft code	最大扭矩 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级class, 径节Diametral pitch12/24, 14T		-	-
	4	●	61.0	31.5	SAE J498b 1级class, 径节Diametral pitch12/24, 17T		-	-
T6DCC	5	●	76.0	48.0	SAE J498b 1级class, 径节Diametral pitch12/24, 14T		-	-

● 能在最大流量，最高压力下工作。  
work at maximum flow and pressure.

油口/Oil port	法兰 Flange	安装尺寸/Install Dimensions(mm)						
		A1	B1	ΦC1	D1	T1口螺纹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

安装连接尺寸/Installation Dimensions



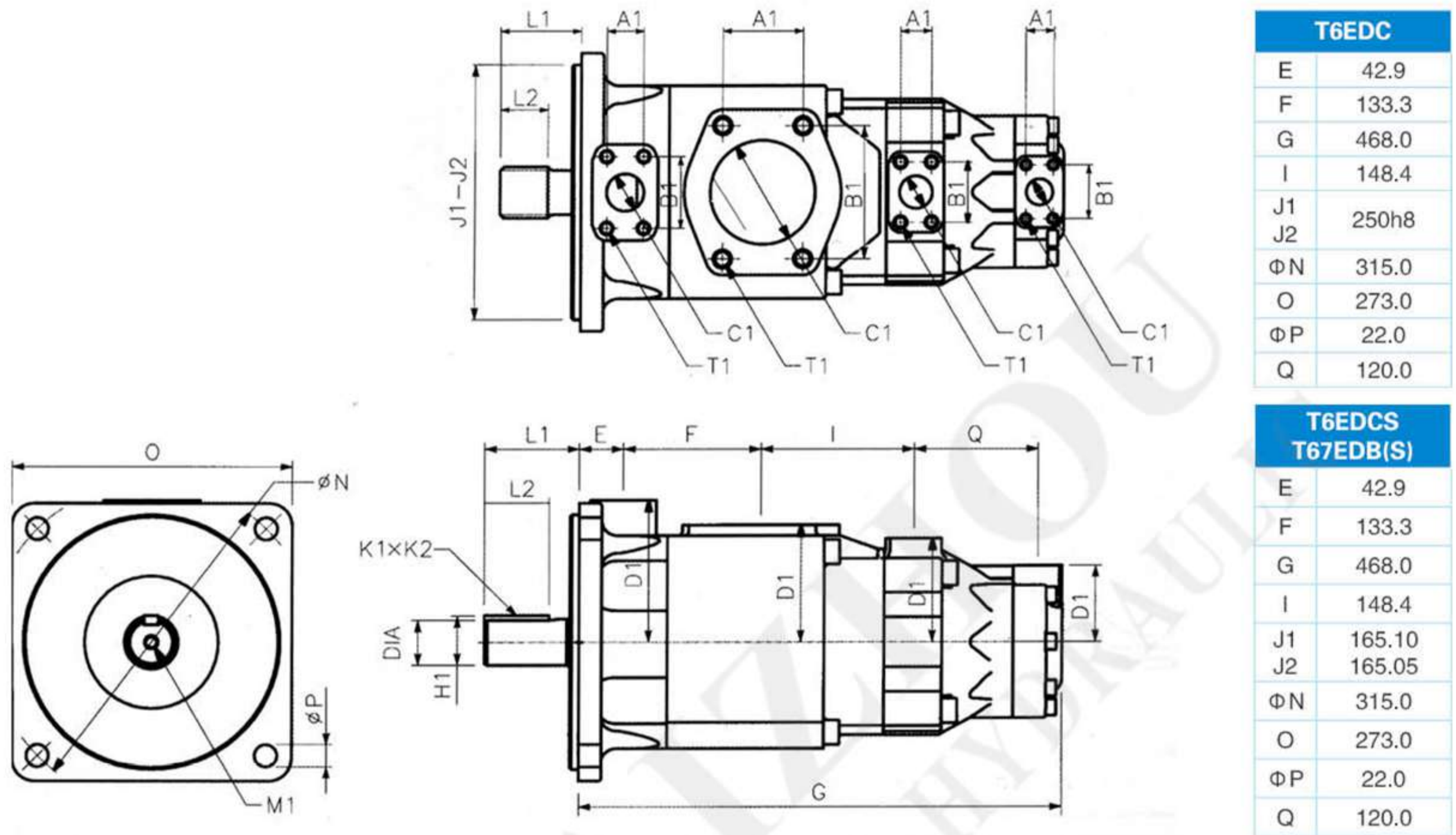
轴伸/Shaft extension

型号Model	轴伸代号 Shaft code	最大扭矩 Max torque (N.m)	L1	L2	DIA	K1xK2	H1	M1
T67DDBS 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级class, 径节Diametral pitch 12/24, 14T			-
	4	●	62.0	31.5	SAE J498b 1级class, 径节Diametral pitch 12/24, 17T			-

● 能在最大流量，最高压力下工作。  
work at maximum flow and pressure.

油口/Oil port	法兰 Flange	安装尺寸/Install Dimensions(mm)						
		A1	B1	ΦC1	D1	T1口螺纹Thread		
T67DDBS	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	7/16"-14UNCx22.3
	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

安装连接尺寸/Installation Dimensions



轴伸 Shaft extension

型号Model	轴伸代号 Shaft code	最大扭矩 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, 径节Diametral pitch8/16, 13T			-

● 能在最大流量，最高压力下工作。  
work at maximum flow and pressure.

油口/Oil port	法兰 Flange	安装尺寸/Install Dimensions(mm)						
		A1	B1	ΦC1	D1	T1口螺纹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, T7GGB

### 系列柱销式叶片泵 Series pin Vane Pumps

适用于工程机械特别是行走机械的高压高性能柱销式叶片泵。

主要特点为：

- 1、改进的轴承结构及矩形花键轴设计，可以由发动机或变速箱直接驱动。
- 2、双油封结构，适应行走机械的恶劣环境。
- 3、采用插装式结构，泵芯与T6C及T7B叶片泵泵芯完全互换，维修方便。

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

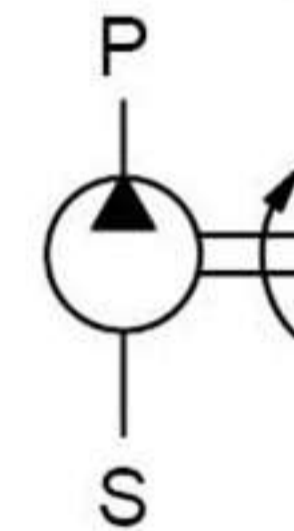
The main features:

- 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 系列单泵 Series single pumps



液压符号  
Hydraulic Sign



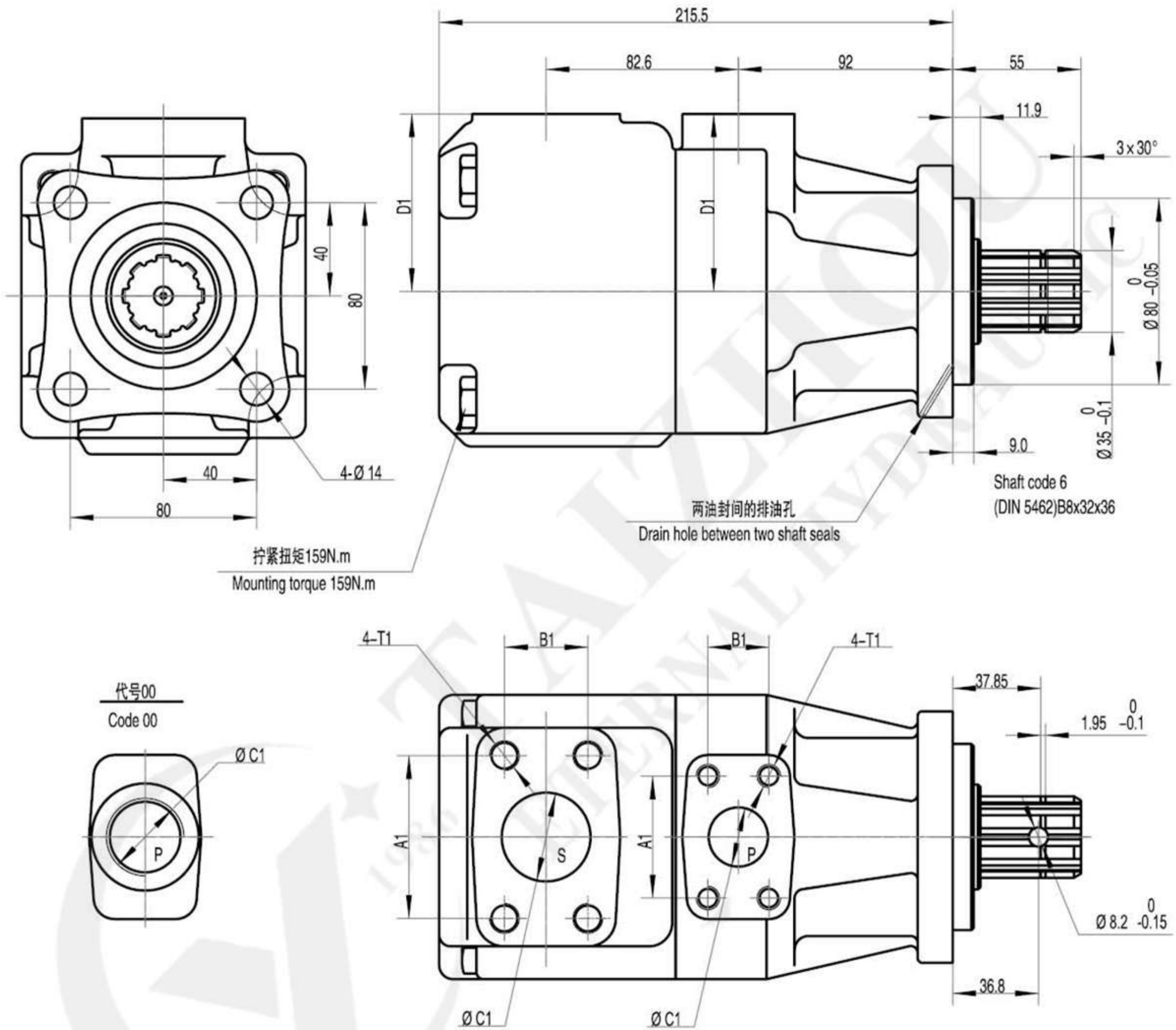
### 型号说明/Model Designation

T6GC	-B10	-6	R	00	-A	1	01
系列号 Series	排量代号 Flow code	轴伸形式 Shaft type	旋转方向 Rotation	出油口位置 Outlet Positions	设计号 Design number	密封等级 Sealing Level	油口尺寸 Port dimensions
T6GC	B03, B05, B06, B08, B10, B12, B14, B17, B20, B22, B25, B28, B31	见轴伸尺寸 See size of shaft	从泵的轴端看 Viewed from shaft end of pump R-顺时针旋转 right hand for clockwise L-逆时针旋转 left hand for counter-clockwise	(从泵的轴端看) (Viewed from shaft end of pump) 00-进油口对面 Opposite inlet port 01-进油口同侧 Inline with inlet 02-从进油口逆时针90° 90° CCW from inlet 03-从进油口顺时针90° 90° CW from inlet	A	1-S1, 丁腈橡胶 NBR Nitrile rubber	00: 法兰螺纹 Flange 1"BSPP 01: SAE法兰四螺孔 Flange SAE 4 bolts(UNC) 见安装连接尺寸 See installation dimensions
T7GB	B02, B03, B04, B05, B06, B07, B08, B10, B12, B15		5-S5, 氟橡胶 Fluororubber				

**B03** 排量代号中B表示双转向型配流侧板结构；与相应系列、规格的T6单泵性能参数一致，详见T6系列单泵的性能参数  
B means the two steering valve plate structure.  
The data of relevant series, model are unanimous. Please see T6 series-single pumps data.

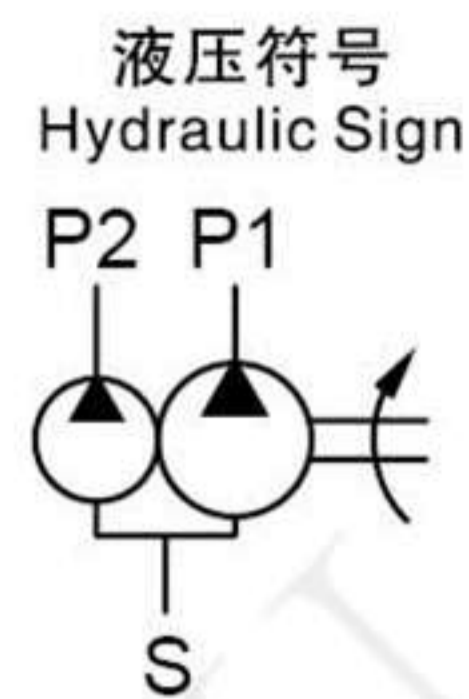
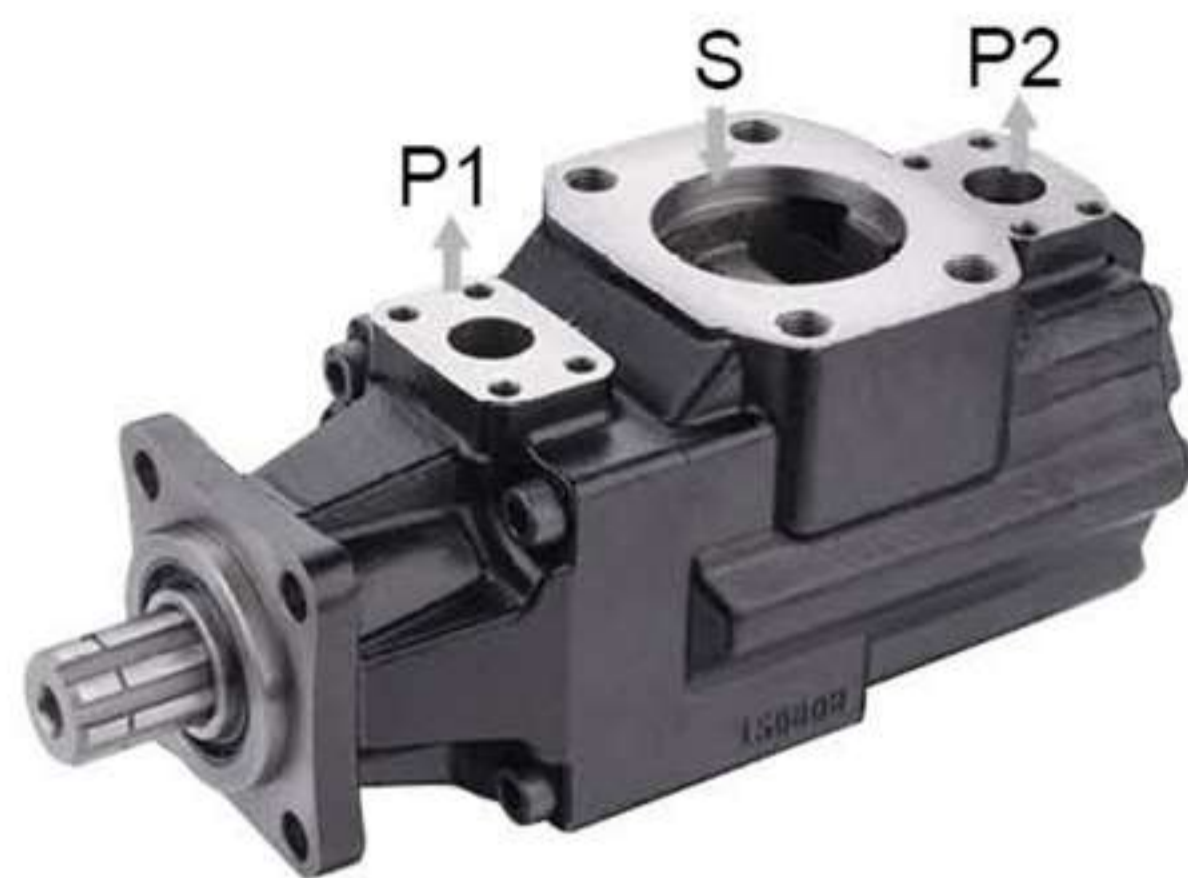
安装连接尺寸/Installation Dimensions

T6GC、T7GB



油口/Oil port		法兰 Flange	安装尺寸/Install Dimensions(mm)					
			A1	B1	ØC1	D1	T1口螺纹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 系列双联泵 Series Double Pumps



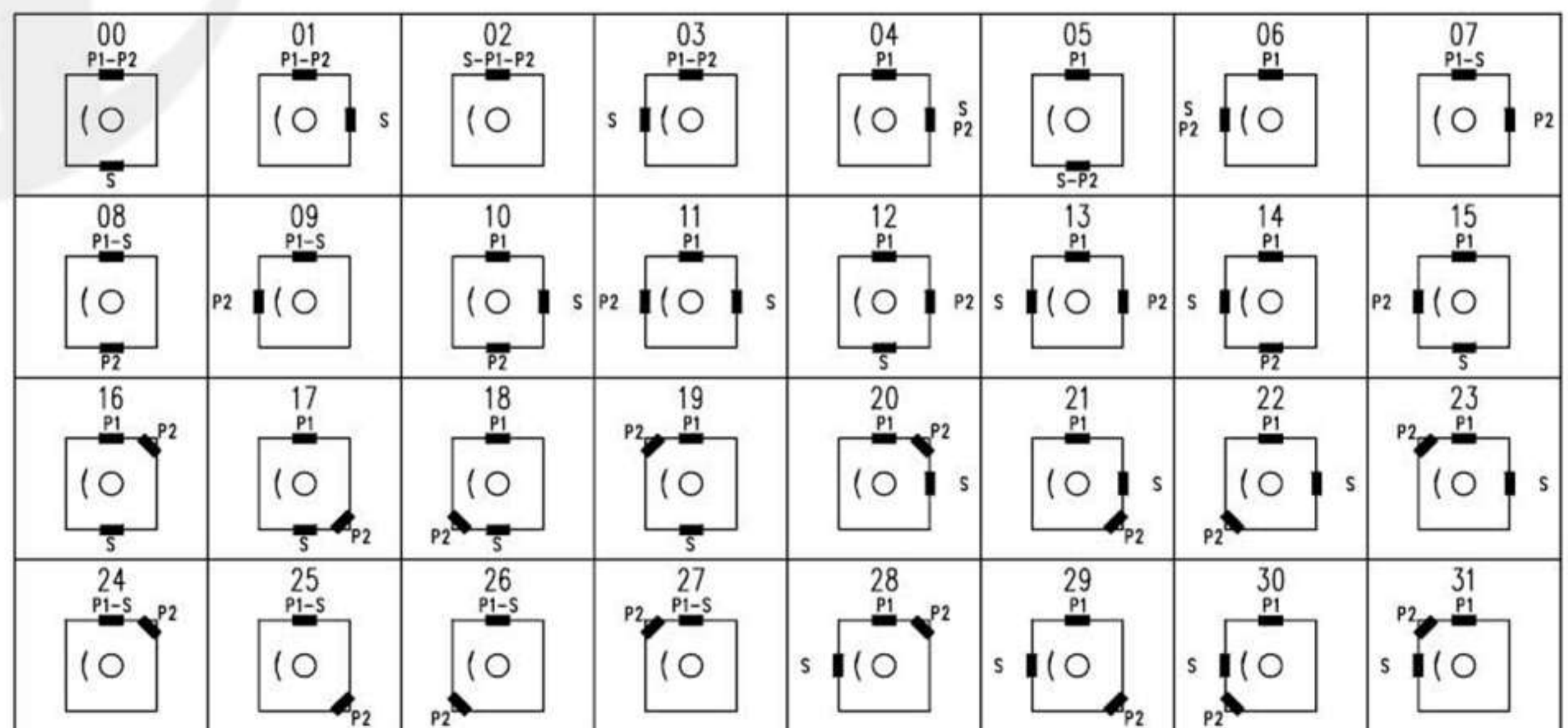
## 型号说明/Model Designation

T6GCC	-B25	-B17	-6	R	02	-B	1	10
系列号 Series	轴端泵排量代号 Flow-shaft end Pump	盖端泵排量代号 Flow-cover end Pump	轴伸形式 Shaft type	旋转方向 Rotation	油口位置 Port Positions	设计号 Design number	密封等级 Sealing Level	油口尺寸 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	见轴伸尺寸 See size of shaft	从泵的轴端看 Viewed from shaft end of pump R-顺时针旋转 right hand for clockwise L-逆时针旋转 left hand for counter- clockwise	见下图 see below	B	1-S1, 丁腈橡胶 NBR Nitrile rubber  5-S5, 氟橡胶 Fluororubber	00, 01, 10, 11 见安装连接尺寸 See installation dimensions
T67GCB	B03, B05, B06, B08, B10, B12, B14, B17, B20, B22, B25, B28, B31	B02, B03, B04, B05, B06, B07, B08, B10, B12, B15						
T7GBB	B02, B03, B04, B05, B06, B07, B08, B10, B12, B15	B02, B03, B04, B05, B06, B07, B08, B10, B12, B15						

**B03** 排量代号中B表示双转向型配流侧板结构; 与相应系列、规格的T6单泵性能参数一致, 详见T6系列单泵的性能参数  
B means the two steering valve plate structure.  
The data of relevant series, model are unanimous. Please see T6 series-single pumps data.

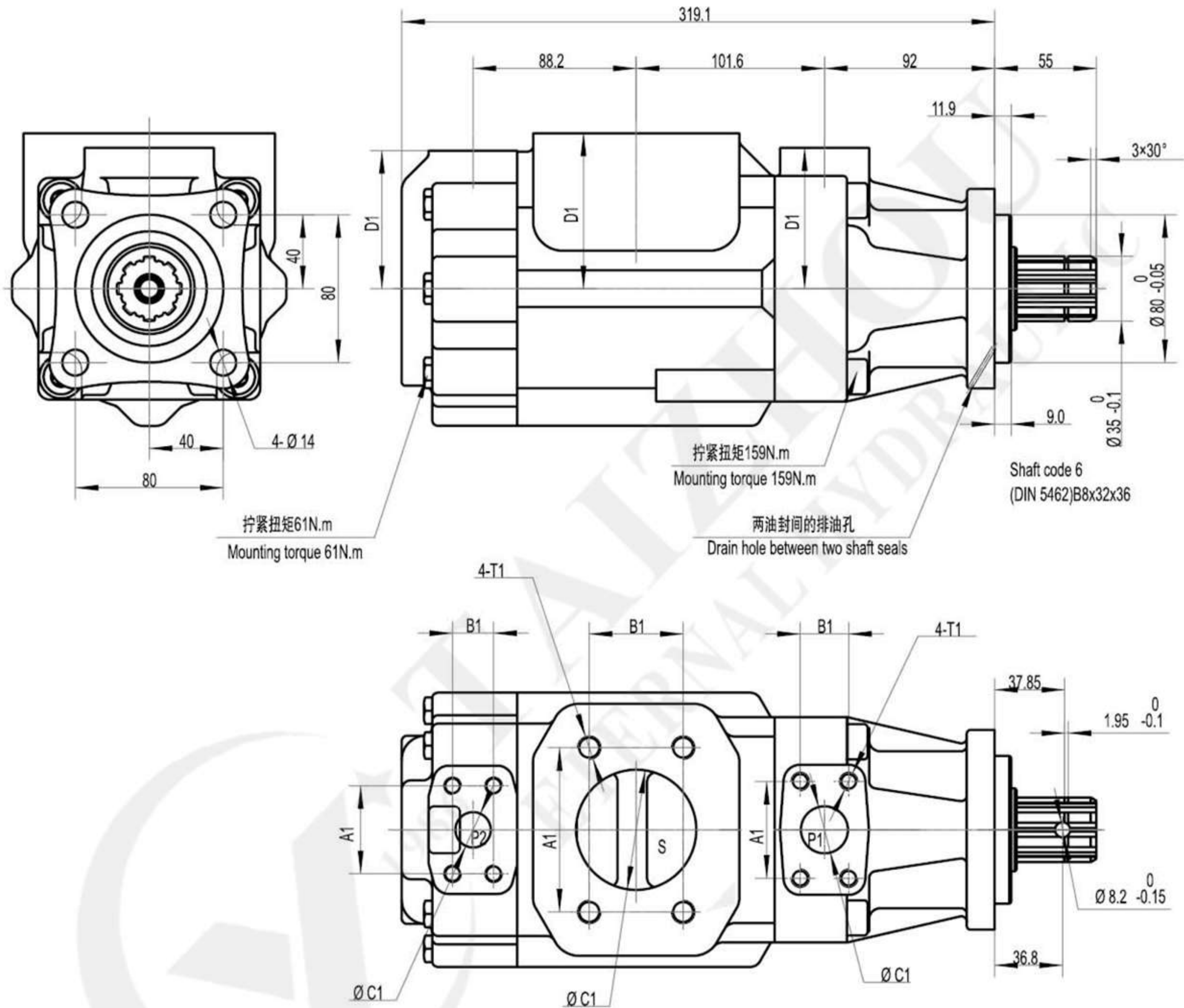
## 油口位置(从泵的轴端看)/Port positions(Viewed from shaft end of pump)

T6GCC  
T7GBB  
T67GCB



安装连接尺寸/Installation Dimensions

T6GCC、T67GCB、T7GBB



油口/Oil port		法兰 Flange	安装尺寸/Install Dimensions(mm)					
			A1	B1	ØC1	D1	T1口螺纹Thread	
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

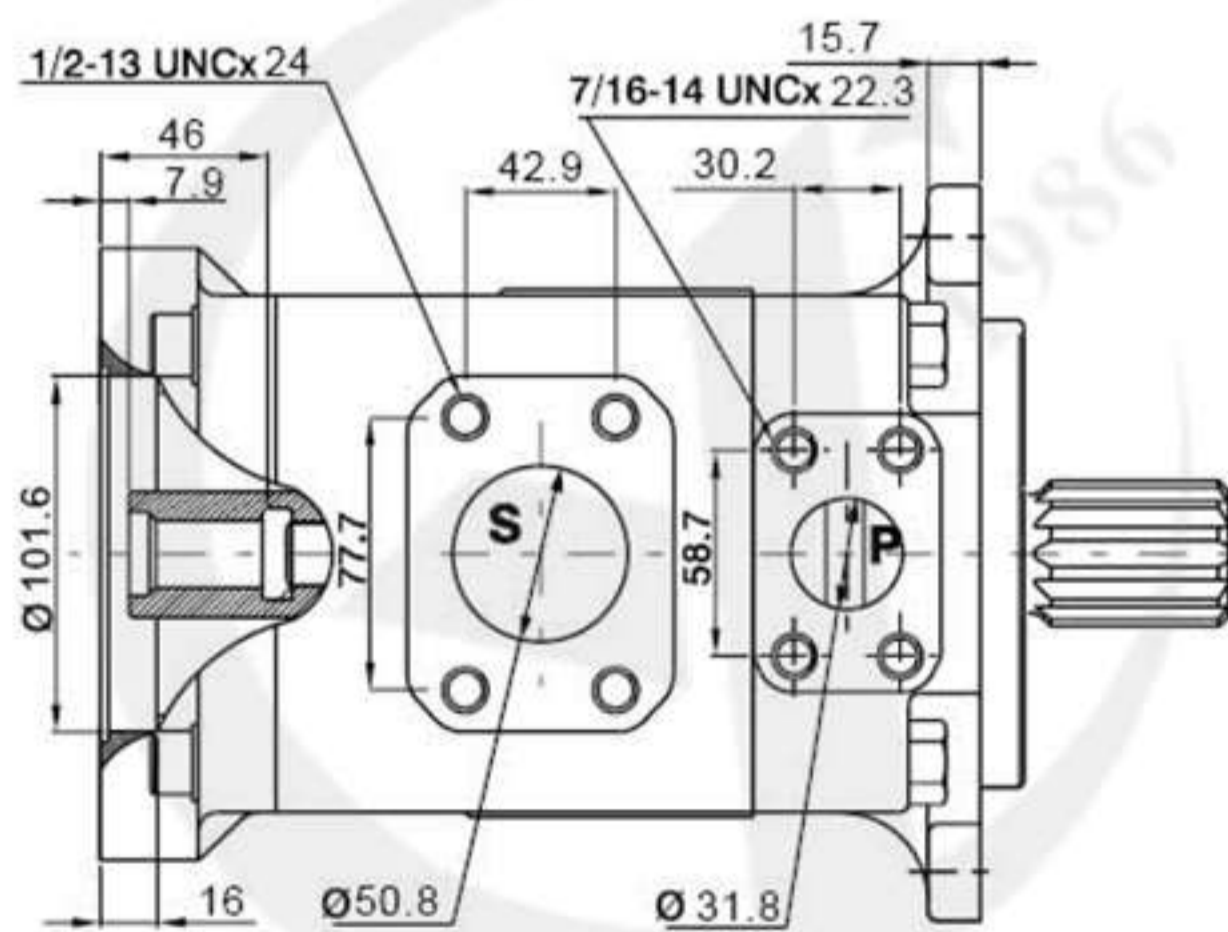
# T6DR 系列通轴式叶片泵 Series Vane Pumps



## 型号说明/Model Designation

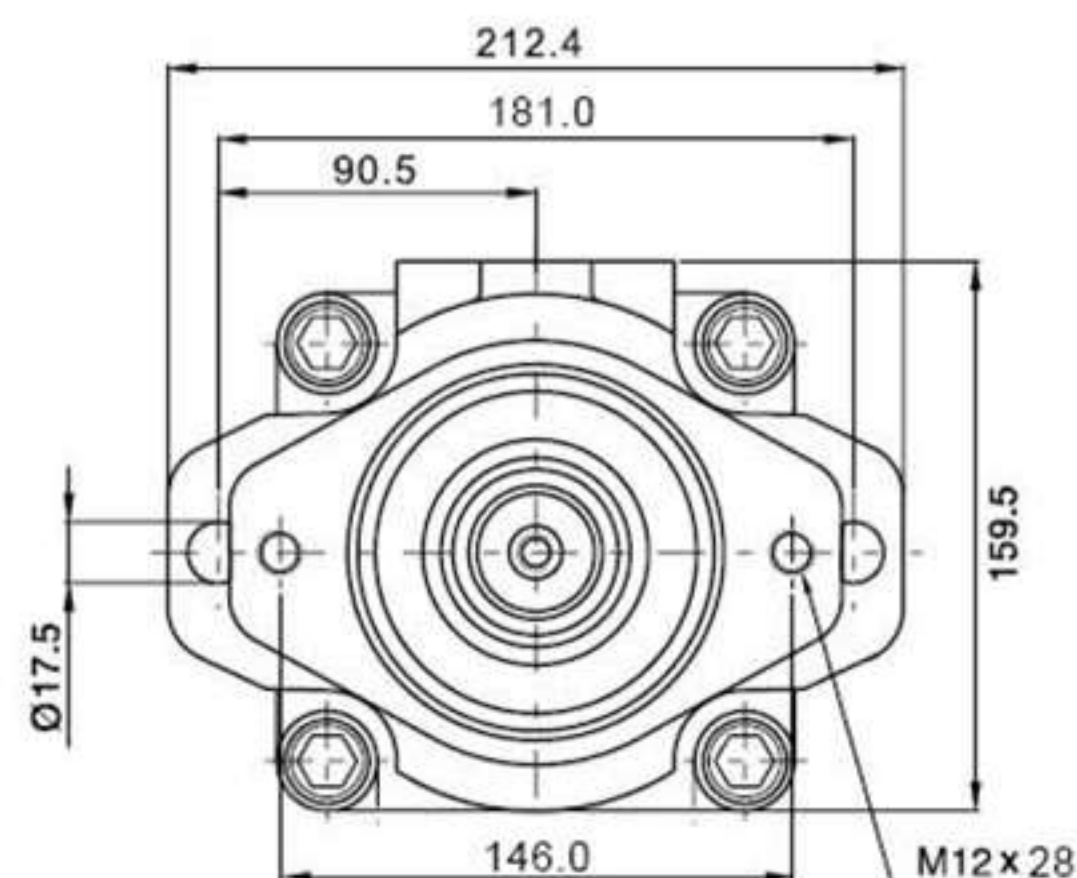
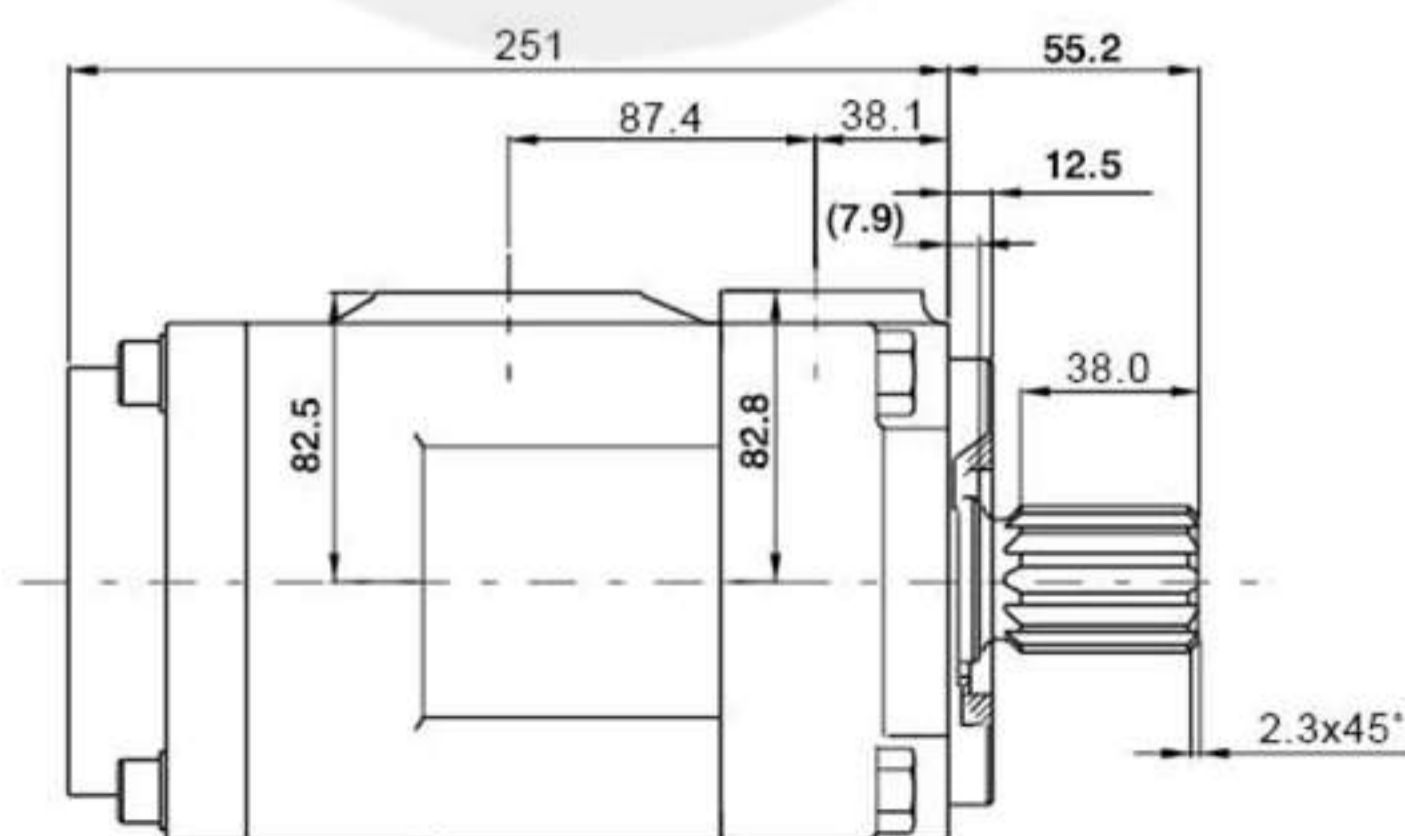
T6DR	-014	-3	R	00	B20	-A	1
系列号 Series	排量代号 Flow code	轴伸形式 Shaft type	旋转方向 Rotation	出油口位置 Outlet positions	转接口位置 Porting adaptor	设计号 Design number	密封等级 Sealing Level
T6DR	014, 017, 020, 024, 028, 031, 035, 038, 042, 045, 050, 061	3花键轴 Splined (SAE C)	(从泵的轴端看) (Viewed from shaft end of pump) R-顺时针旋转 right hand for clockwise L-逆时针旋转 left hand for counter-clockwise	(从泵的轴端看) (Viewed from shaft end of pump) 00-进油口对面 Opposite inlet port 01-进油口同侧 Inline with inlet 02-从进油口逆时针90° 90° CCW from inlet 03-从进油口顺时针90° 90° CW from inlet	B20 P  B21 P 	A	1-S1, 丁腈橡胶 NBR Nitrile rubber  5-S5, 氟橡胶 Fluororubber

## 安装连接尺寸/Installation Dimensions

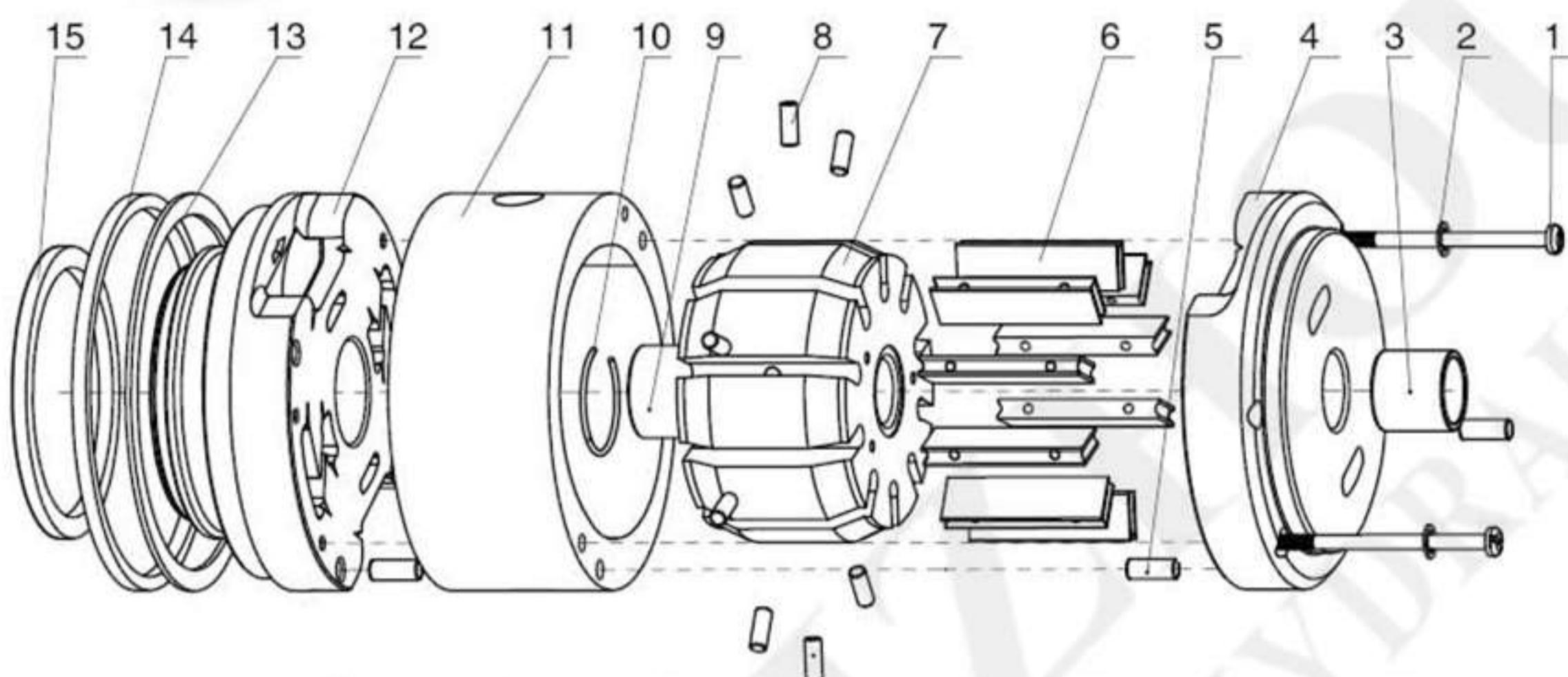
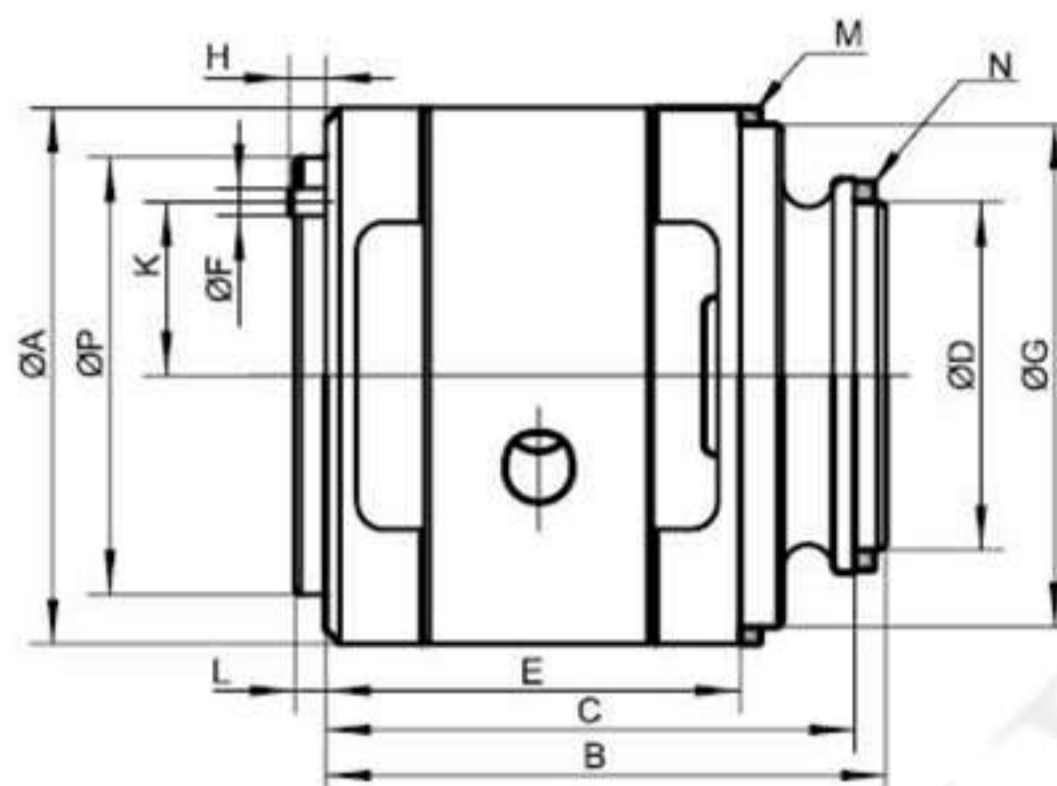


### Shaft code 3

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



# T6, T7 系列泵芯 Series cartridge



序号 NO.	名称 Part	数量 Qty
1	一字槽盘头螺钉 slotted pan head screw	2
2	内齿锁紧垫圈 internal tooth seal kit	2
3	滑动轴承 sliding bearing	1
4	侧板 inlet support plate	1
5	销 Pin	3

序号 NO.	名称 Part	数量 Qty
6	叶片 kit vane	10 or 12
7	转子 rotor	1
8	柱销 Pins	10 or 12
9	密封套 Seal bush	1
10	孔用钢丝挡圈 Roundwire snap rings for hole	1

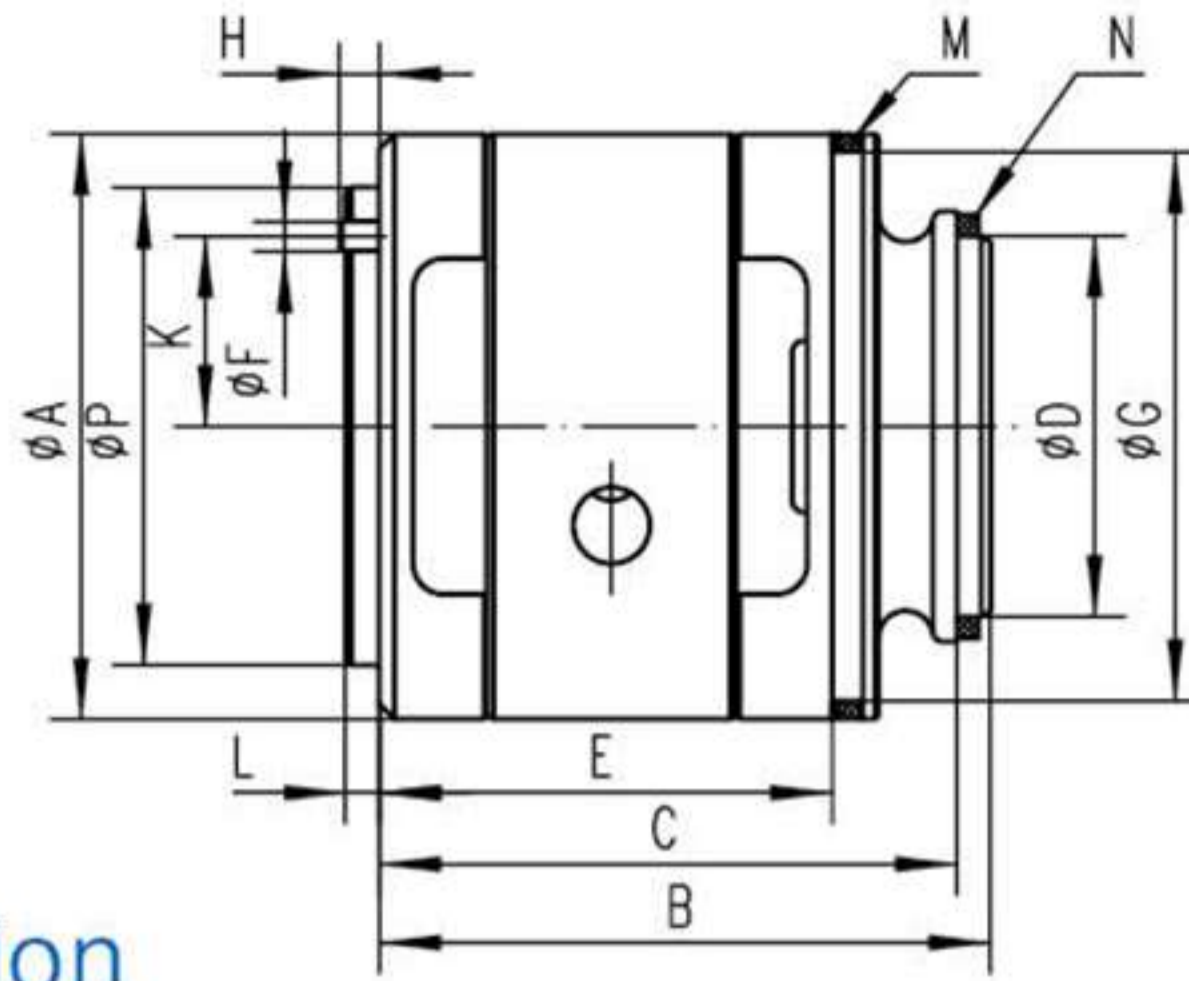
序号 NO.	名称 Part	数量 Qty
11	定子 cam ring	1
12	压力侧板 outlet support plate	1
13	挡圈 retainer	1
14	矩形密封圈 rectangle seal kit	1
15	矩形密封圈 rectangle seal kit	1

## 型号说明/Model Designation

前泵芯 泵芯名称 Cartridge name	T6DC 系列号 Series	-045 排量代号 Flow code	R 旋转方向 Rotation	1 密封等级 Sealing Level
单泵芯 前泵芯 (双联泵或三联泵轴端泵芯)	T7B(S), T7BB(S), T67CB, T67DB, T67EB, T67DBB, T67DCB, T67DDBS, T67EDB	B02, B03, B04, B05, B06, B07, B08, B10, B12, B15	从泵的轴端看 Viewed from shaft end of pump	1-S1, 丁腈橡胶 NBR Nitrile rubber
	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		
中泵芯 (三联泵中间泵芯)	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	R-顺时针旋转 right hand for clockwise	5-S5, 氟橡胶 Fluororubber
后泵芯 (双联泵或三联泵盖端泵芯)	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	L-逆时针旋转 left hand for counter-clockwise	
	T6E, T6EC, T67EB, T6ED, T6EDC(S), T67EDB	042, 045, 050, 052, 057, 062, 066, 072, 085		

**003/B03** 排量代号中0表示单转向型配流侧板结构, B表示双转向型配流侧板结构; 与相应系列、规格的T6单泵性能参数一致, 详见T6系列单泵的性能参数。  
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.

# T6/T7系列柱销式叶片泵 T6/T7 Series Pin Vane Pump



## 型号说明/Model Designation

泵芯名称 Cartridge name	滑动轴承内径 Sliding bearing diameter	φA	B	C	φD	E	φF	φG	H	K	M(橡胶平垫 Rubber washer)	N(橡胶平垫 Rubber washer)	φP	L
单泵芯T6C, T7B(S)	φ15.90													
前泵芯T6CC, T67CB, T7BB(S)	无滑动轴承													
后泵芯T6CC, T7BB(S), T67CB, T6DCC, T67DBB, T67DCB, T6DDCS, T67DDBS, T6EDC(S), T67EDB	φ19.05	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
后泵芯T6DC, T7DB(S), T7EB(S), T67DB, T67DC, T6EC, T67EC, T67EB	φ22.225													
中泵芯T6DCC, T67DBB, T67DCB	无滑动轴承	95.25	83.4	77.3	52.6	-	4.8	-	4.8	43.7	89x2.4	52x2.4	77.7	5.5
单泵芯T6D, T7D(S), 前泵芯T6DCC, T67DBB, T67DCB	φ22.225													
前泵芯T6DC, T67DB, T7DB(S), T7DD(S), T67DC, T6DDCS, T67DDBS	无滑动轴承	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		
后泵芯T6ED, T7DD(S) 中泵芯T6EDC(S), T67EDB	φ28.6													
中泵芯T6DDCS, T67DDBS 后泵芯T7DD(S)	φ22.225													无此台阶
单泵芯T6E, T7E(S)	φ28.6													
前泵芯T6ED, T6EC, T67EB, T7EB(S), T7ED(S), T7EE(S), T6EDC(S), T67EDB, T67EC	无滑动轴承	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		

泵芯名称 Cartridge name	转子内花键齿廓参数 Inside spline tooth outline parameter of rotor				
	齿数 Number of teeth	径节 Pitch	压力角 Pressure angle	大径 Major diameter	小径 Minor diameter
前泵芯T6CC, T7BB(S), T67CB 中泵芯T6DCC, T67DBB, T67DCB	32	40/80	45°	21.41	19.9
单泵芯T6C, T7B(S) 后泵芯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
单泵芯T6D 前泵芯T6DC, T67DB, T6DCC, T67DBB, T67DCB, T6DDCS, T67DDBS, 中泵芯T6EDC(S), T67EDB 后泵芯T6ED, T7ED(S), T7EE(S)	25	24/48	45°	28.19	25.8
中泵芯T6DDCS, T6DDBS	20	24/48	45°	22.89	20.5
单泵芯T6E, T7E(S) 前泵芯T6EC, T67EB, T6ED, T6EDC(S), T67EDB	34	24/48	45°	37.72	35.4