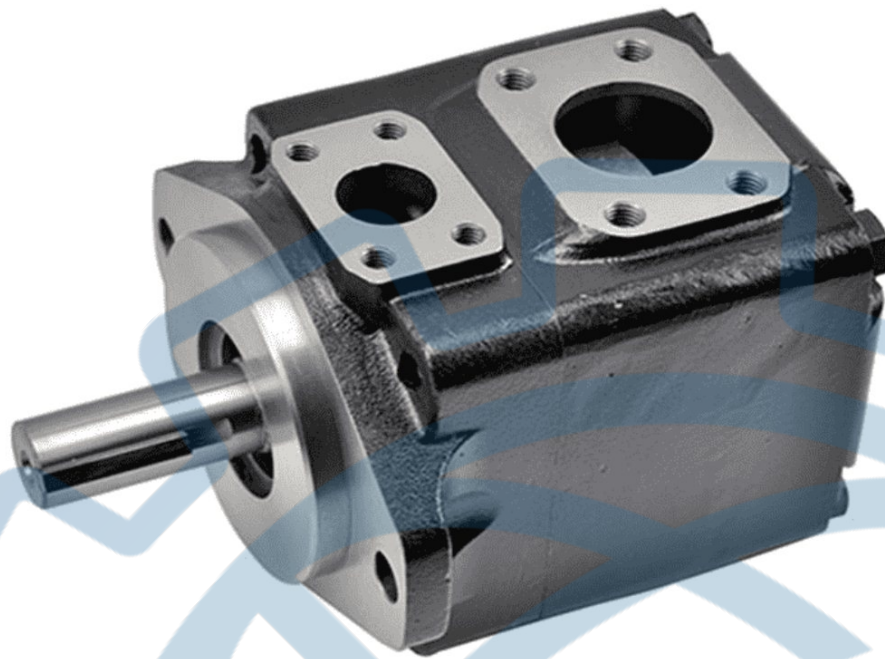


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T系列柱销式单叶片泵 T Series Single Vane Pump



液压符号
Hydraulic signs



描述Introduction

T6/T67/T7系列柱销叶片泵具有体积小、流量大、压力高、噪音低、寿命长、容积效率高等特点。采用双唇叶片设计，两唇与定子交变接触。该泵具有规格齐全、性能优良可靠、结构简单合理、安装维修方便等特点，可广泛应用于塑料机械、压铸机械、冶金机械、冶炼机械、压力机械、工程机械、船舶机械及各种液压系统等领域。

T6/T67/T7 series pin vane pump has the characteristics of small volume, large flow, high pressure, low noise, long life and high volume efficiency. Double lip blade design, two lips and stator alternating contact. The pump has complete specifications, excellent performance and reliable, simple and reasonable structure, easy installation and maintenance characteristics, can be widely used in plastic machinery, die casting machinery, metallurgical machinery, smelting machinery, pressure machinery, engineering machinery, Marine machinery and various hydraulic systems and other fields.

型号代码Ordering Code

T6C	042	-1	R	00	-A	1
系列 Series	排量代号 Displacement code	轴伸形式 Shaft type	旋转方向 Rotation	出油口位置 Outlet Port positions	设计号 Design number	密封等级 Sealing Class
T7B	B02、B03、B04、B05、B06、B07、 B08、B10、B12、B15	见轴 伸尺寸 See shaft size	从泵轴端看 View from shaft end R-顺时针 clockwise; L-逆时针 counter clockwise;	从泵轴端看 (View from cover end) 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 : 丁晴 橡胶 NBR; 5-S5 : 氟橡 胶FPM;
T7D	B14、B17、B20、B22、B24、B28、 B31、B35、B38、B42					
T7E	042、045、050、052、054、057、 062、066、072、085					
T6C	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、 022/B22、025/B25、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

003/B03: In displacement code, 0 means single steering side plate structure, B means double steering side plate structure



技术参数Specification

系列号 Series	排量代号 Flow Code	理论排量 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 Anti-wear Hydraulic Oil		石油基液压油 (非抗磨) &磷酸酯液 General hydraulic oil & Phosphate ester fluid		水乙二醇&油包水乳 液 Water glycol fluid &Water in oil emulsions		石油基液压油; 抗磨液压油 General hydraulic oil ;	水乙二醇; 油 包水乳化液 Water glycol fluid & Water in oil emulsions	
			间歇 Intermittent	连续 Continuous	间歇 Intermittent	连续 Continuous	间歇 Intermittent	连续 Continuous	Anti-wear hydraulic oil		
T6C	003	10.8									600
	005	17.2									
	006	21.3									
	008	26.4									
	010	34.1									
	012	37.1	28	24.5		17.5			2800		
	014	46			21		17.5	14		1800	
	017	58.3									
	020	63.8									
	022	70.3									
	025	79.3									
	028	88.8									
	031	100	21	16		16			2500		
T6D	014	47.6									600
	017	58.2									
	020	66									
	024	79.5									
	028	89.7									
	031	98.3	25	21	21	17.5	17.5	14	2500		
	035	111									
	038	120.3									
	042	136									
	045	145									
	050	158	21	16		16			2200		
061	190.5	12	8	8	8	7.5	7.5				
T6E	042	132.3									600
	045	142.4									
	050	158.5									
	052	164.8									
	057	179.8	25	21	21	17.5	17.5	14	2200	1800	
	062	196.7									
	066	231.3									
	072	227.1									
	085	269	12	8	12	8	7.5	7.5	2000		



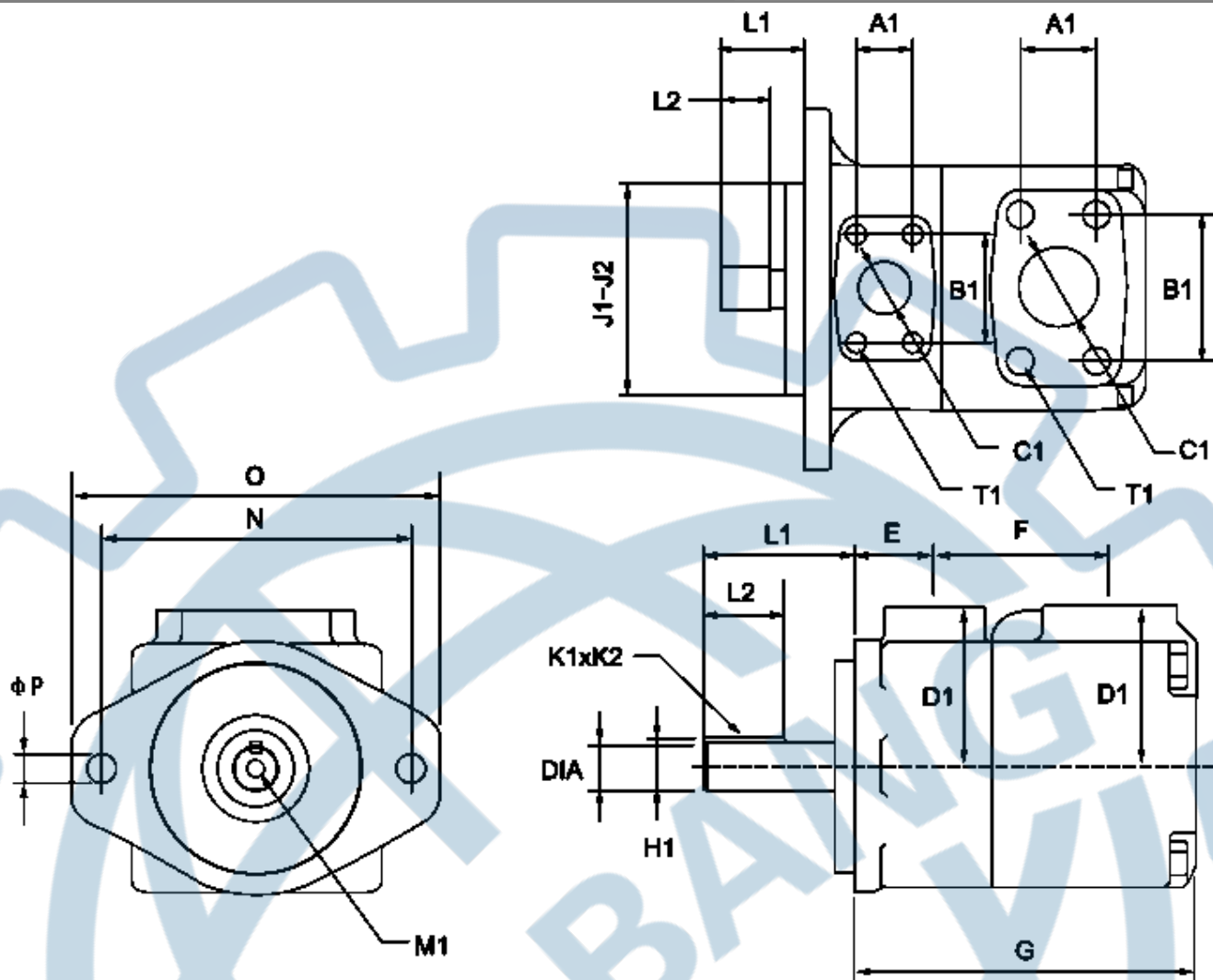
技术参数Specification

系列号 Series	排量代号 Flow Code	理论排量 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 Anti-wear Hydraulic Oil		石油基液压油 (非抗磨) &磷酸酯液 General hydraulic oil & Phosphate ester fluid		水乙二醇&油包水乳 液 Water glycol fluid &Water in oil emulsions		石油基液压油; 抗磨液压油 General hydraulic oil	水乙二醇; 油 包水乳化液 Water glycol fluid & Water in oil emulsions	
			间歇 Intermittent	连续 Continuous	间歇 Intermittent	连续 Continuous	间歇 Intermittent	连续 Continuous	间歇 Intermittent	连续 Continuous	
T7B(S)	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									
	B15	50.0									
T7D(S)	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									
	B38	120.6									
	B42	137.5									
T7E(S)	042	132.3	25	21	21	17.5	17.5	14	2200	1800	600
	045	142.4									
	050	158.5									
	052	164.8									
	054	171.0									
	057	183.8									
	062	196.7									
	066	231.3									
	072	227.1									
	085	268.7									
			9	7.5	7.5	7.5	7.5	7.5	2000		



单泵外形安装尺寸 Single Pump Outline Dimension

T6C
T6D
T6E
T7B
T7D
T7E



系列号	E	F	G	J1	J2	N	O	ΦP
T6C	38.1	82.3	161.6	101.60	101.55	146.1	174.5	14.3
T6D	38.1	87.4	184.9	127.00	126.095	181.0	212.4	17.5
T6E	52.3	110.0	225.3	127.00	126.095	181.0	213.0	17.5
T7B	38.1	82.3	168.5	100.00	99.967	140.0	174.5	14.0
T7D	38.1	87.4	184.9	125.00	124.937	180.0	212.4	18.0
T7E	52.3	110.0	225.3	125.00	124.937	180.0	213.0	18.0

型号Model	轴伸代号 Shaft Cold	最大扭矩	L1	L2	DIA	K1xK2	H1	M
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 J498-b 1级 · 16/32 · 13牙			-
	4	▲	45.5	24.5	SAE J498-b 1级 · 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 J498-b 1级 · 12/24 · 14牙			-
	4	▲	77.7	48.0	SAE J498-b 1级 · 12/24 · 14牙			-



型号Model	轴伸代号 Shaft Code	最大扭矩	L1	L2	DIA	K1×K2	H1	M
T6E	1	▲	90.9	50.8	38.100/38.050	9.52×9.47	42.36	M10×20
	2	577	61.9	38.1	31.750/31.700	7.94×7.89	35.27	-
	3	▲	55.2	38.0	SAE J498-b 1级 · 12/24 · 14牙			-
	4	▲	62.2	31.5	SAE J498-b 1级 · 12/24 · 17牙			-
T7B	1	▲	71.4	38.1	22.225/22.200	6.35×6.30	24.95	M8×16
	2	▲	70.0	40.0	25.065/24.935	8.00×7.00	28.22	-
	3	▲	40.7	24.5	SAE J498-b 1级 · 16/32 · 13牙			-
	4	▲	45.5	24.5	SAE J498-b 1级 · 16/32 · 15牙			-
T7D	1	▲	83.6	49.3	31.750/31.700	7.94×7.89	35.27	M10×20
	2	▲	73.2	8.1	31.750/31.700	7.94×7.89	35.27	-
	3	▲	55.2	38.0	SAE J498-b 1级 · 12/24 · 14牙			-
	4	▲	77.7	48.0	SAE J498-b 1级 · 12/24 · 14牙			-
	5	▲	87.4	50.0	32.018/32.002	10.00×8.00	35.3	M10×20
T7E	1	▲	90.9	50.8	38.100/38.050	9.52×9.47	42.36	M10×20
	2	▲	61.9	38.1	31.750/31.700	7.94×7.89	35.27	-
	3	▲	55.2	38.0	SAE J498-b 1级 · 12/24 · 14牙			-
	4	▲	62.2	31.5	SAE J498-b 1级 · 12/24 · 17牙			-
	5	▲	90.0	60.0	38.018/38.002	10.00×8.00	41.3	M10×20

油口Oil port		法兰 Flange	安装尺寸Installation Dimension					
			A1	B1	ΦC1	D1	T1口螺纹 Thread	
T6C	P	1"	F08	26.2	52.4	25.4	76.2	3/8-16UNC×19.0
	S	1-1/2"	F12	35.7	69.9	38.1	76.2	1/2-13UNC×22.4
T6D	P	1-1/4"	F10	30.2	58.7	31.8	82.6	7/16-14UNC×22.3
	S	2"	F16	42.9	77.8	50.8	82.6	1/2-13UNC×23.9
T6E	P	1-1/2"	F12	35.7	69.9	38.1	98.6	1/2-13UNC×23.4
	S	3"	F24	61.9	106.4	76.2	98.6	5/8-11UNC×24.0
T7B	P	01:3/4"	F06	22.2	47.6	19.0	76.2	3/8-16UNC×19.1
		00 : 1"	F08	26.2	52.4	25.4		
	S	1-1/2"	F12	35.7	69.9	38.1	76.2	1/2-13UNC×22.4
T7D	P	1-1/4"	F10	30.2	58.7	31.8	82.6	7/16-14UNC×22.3
	S	2"	F16	42.9	77.8	50.8	82.6	1/2-13UNC×23.9
T7E	P	1-1/2"	F12	35.7	69.9	38.1	98.6	1/2-13UNC×23.4
	S	3"	F24	61.9	106.4	76.2	98.6	5/8-11UNC×24.0



工作性能 Operation Performance

系列 Series	理论排量 theoretical displacement ml/r	转速 speed r/min	流量Flow						功率Power					
			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	10.1	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	10.1	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	10.1	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	3.1	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	34.4
		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

系列 Series	理论排量 theoretical displacement ml/r	转速 speed r/min	流量Flow						功率Power					
			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	106.3	104.0	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	-	-



工作性能 Operation Performance

系列Series	理论排量 theoretical displacement ml/r	转速 speed r/min	流量Flow						功率Power			
			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
			L/min	L/min	L/min	L/min	L/min	L/min	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	10.1	18.5	27.0	30.7
		1800	85.7	91.7	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	54.6	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	92.8	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



工作性能 Operation Performance

系列 Series	理论排量 theoretical displacement ml/r	转速 speed r/min	流量 Flow						功率 Power			
			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
			L/min	L/min	L/min	L/min	L/min	L/min	KW	KW	KW	KW
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-B45	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	5.1	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	159.6	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	-



工作性能 Operation Performance

系列Series	理论排量 theoretical displacement ml/r	转速 speed r/min	流量Flow						功率Power			
			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
			L/min	L/min	L/min	L/min	L/min	L/min	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	-	-	-



工作性能 Operation Performance

系列Series	理论排量 theoretical displacement ml/r	转速 speed r/min	流量Flow						功率Power			
			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
			L/min	L/min	L/min	L/min	L/min	L/min	KW	KW	KW	KW
T7B(S)-B02	5.8	1000	5.8	4.9	4.2	3.3	-	-	-	0.2	0.9	1.7
		1200	7.0	6.1	5.4	4.5	4.0	-	-	0.4	1.3	2.2
		1500	8.7	7.8	7.1	6.2	5.7	5.2	4.7	0.6	1.7	2.8
		1800	10.4	9.5	8.8	7.9	7.4	6.9	6.4	0.7	2.0	3.4
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
		1200	11.8	10.9	10.2	9.3	8.8	8.3	7.8	0.4	1.8	3.3
		1500	14.7	13.8	13.1	12.2	11.7	11.2	10.7	10.7	2.4	4.2
		1800	17.6	16.7	16.0	15.1	14.6	14.1	13.6	0.8	2.8	5.1
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
		1200	15.4	14.5	13.8	12.9	12.4	11.9	11.4	0.5	2.2	4.2
		1500	19.2	18.3	17.6	16.7	16.2	15.7	15.2	0.7	2.9	5.3
		1800	23.0	22.1	21.4	20.5	20.0	19.5	19.0	0.9	3.4	6.4
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
		1200	19.1	18.2	17.5	16.6	16.1	15.6	15.1	0.5	2.7	5.0
		1500	23.9	23.0	22.3	21.4	20.9	20.4	19.9	0.8	3.4	6.4
		1800	28.6	27.7	27.0	26.1	25.6	25.1	24.6	0.9	4.1	7.7
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
		1200	23.8	22.9	22.2	21.3	20.8	20.3	19.8	0.6	3.2	6.1
		1500	29.7	28.8	28.1	27.2	26.7	26.2	25.7	0.8	4.1	7.7
		1800	35.6	34.7	34.0	33.1	32.6	32.1	31.6	1.0	4.9	9.3
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
		1200	27.0	26.1	25.4	24.5	24.0	23.5	23.0	0.6	3.6	6.9
		1500	33.8	32.9	32.2	31.3	30.8	30.3	29.8	0.9	4.6	8.7
		1800	40.5	39.6	38.9	38.0	37.5	37.0	36.5	1.1	5.5	10.5
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
		1200	29.9	29.0	28.3	27.4	26.9	26.4	25.9	0.6	3.9	7.6
		1500	37.4	36.5	35.8	34.9	34.4	33.9	33.4	0.9	5.0	9.5
		1800	44.8	43.9	43.2	42.3	41.8	41.3	40.8	1.1	6.0	11.5
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
		1200	38.2	37.3	36.6	35.7	35.2	34.7	34.2	0.7	4.9	9.5
		1500	47.7	46.8	46.1	45.2	44.7	44.2	43.7	1.1	6.2	11.9
		1800	57.2	56.3	55.6	54.7	54.2	53.7	53.2	1.3	7.4	14.4
T7B(S)-B12	41.0	1000	41.0	40.1	39.4	38.5	38.0	37.5	-	0.6	5.0	9.9
		1200	49.2	48.3	47.6	46.7	46.2	45.7	-	0.9	6.2	12.1
		1500	61.5	60.6	59.9	59.0	58.5	58.0	-	1.2	7.8	15.2
		1800	73.8	72.9	72.2	71.3	70.8	70.3	-	1.5	9.4	18.2
T7B(S)-B15	50.0	1000	50.0	49.1	48.4	47.5	47.0	46.5	-	0.7	6.0	12.0
		1200	60.0	59.1	58.4	57.5	57	56.5	-	1.0	7.4	14.6
		1500	75.0	74.1	73.4	72.5	72.0	71.5	-	1.4	9.4	18.3
		1800	90.1	89.1	88.4	87.5	87.0	86.5	-	1.7	11.3	22.0



工作性能 Operation Performance

系列Series	理论排量 theoretical displacement ml/r	转速speed r/min	流量Flow			功率Power		
			P=0Mpa	P=14Mpa	P=30Mpa	P=0Mpa	P=14Mpa	P=30Mpa
			L/min	L/min	L/min	KW	KW	KW
T7D(S)-B14	44.0	1000	44.0	37.4	29.9	1.5	16.6	34.2
		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	40.0	1.7	20.4	42.4
		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	1.9	24.3	50.7
		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	2.0	25.8	53.9
		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	2.2	29.5	62.0
		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	2.3	32.7	68.7
		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	2.5	35.9	75.6
		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	-	2.7	40.8	-
		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	-	2.9	43.4	-
		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	-	3.2	49.3	-
		1200	165.0	158.4	-			
		1500	206.3	199.7	-			
		1800	247.5	240.9	-			

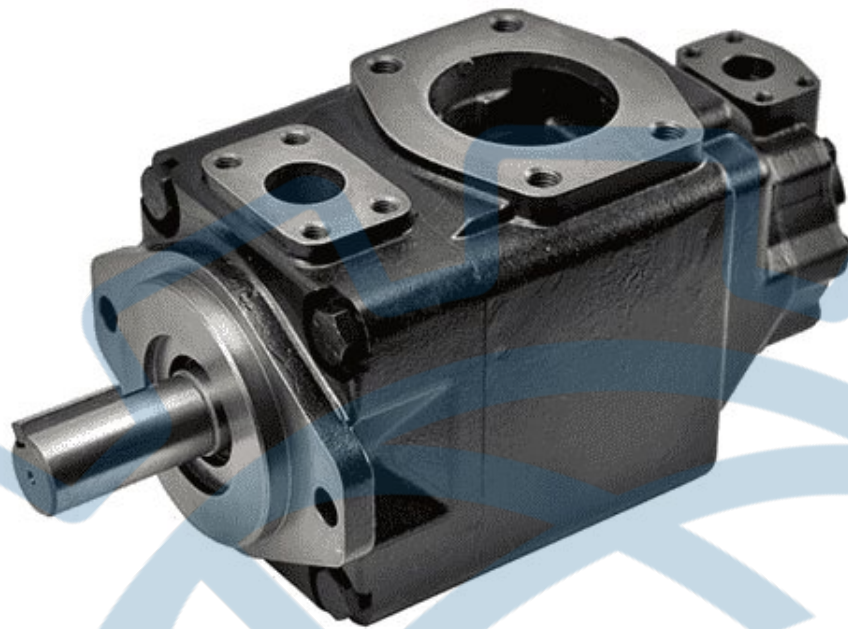


工作性能 Operation Performance

系列Series	理论排量 theoretical displacement ml/r	转速speed r/min	流量Flow			功率Power		
			P=0Mpa	P=14Mpa	P=30Mpa	P=0Mpa	P=14Mpa	P=30Mpa
			L/min	L/min	L/min	KW	KW	KW
T7E(S)-042	132.3	1000	132.3	122.3	115.2	5.2	49.4	82.6
		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	5.4	52.9	88.7
		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	5.7	58.5	50.7
		1200	190.2	180.2	173.1			
		1500	237.7	227.1	220.6			
		1800	285.3	275.3	268.2			
T7E(S)-052	164.8	1000	164.8	154.8	147.7	5.8	60.8	102.1
		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	5.9	63.0	105.8
		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	6.1	67.3	113.2
		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	6.4	71.9	121.3
		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	6.7	77.7	131.2
		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	210.1	6.9	82.6	139.5
		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	-	-	9.1	-	-
		1200	322.4	-	-			
		1500	483.7	-	-			
		1800						



T系列柱销式双联叶片泵 T Series Double Vane Pump



液压符号
Hydraulic Symbol



描述Introduction

T6/T67/T7系列柱销叶片泵具有体积小、流量大、压力高、噪音低、寿命长、容积效率高等特点。采用双唇叶片设计，两唇与定子交变接触。该泵具有规格齐全、性能优良可靠、结构简单合理、安装维修方便等特点，可广泛应用于塑料机械、压铸机械、冶金机械、冶炼机械、压力机械、工程机械、船舶机械及各种液压系统等领域。

T6/T67/T7 series pin vane pump has the characteristics of small volume, large flow, high pressure, low noise, long life and high volume efficiency. Double lip blade design, two lips and stator alternating contact. The pump has complete specifications, excellent performance and reliable, simple and reasonable structure, easy installation and maintenance characteristics, can be widely used in plastic machinery, die casting machinery, metallurgical machinery, smelting machinery, pressure machinery, engineering machinery, Marine machinery and various hydraulic systems and other fields.

型号代码Ordering Code

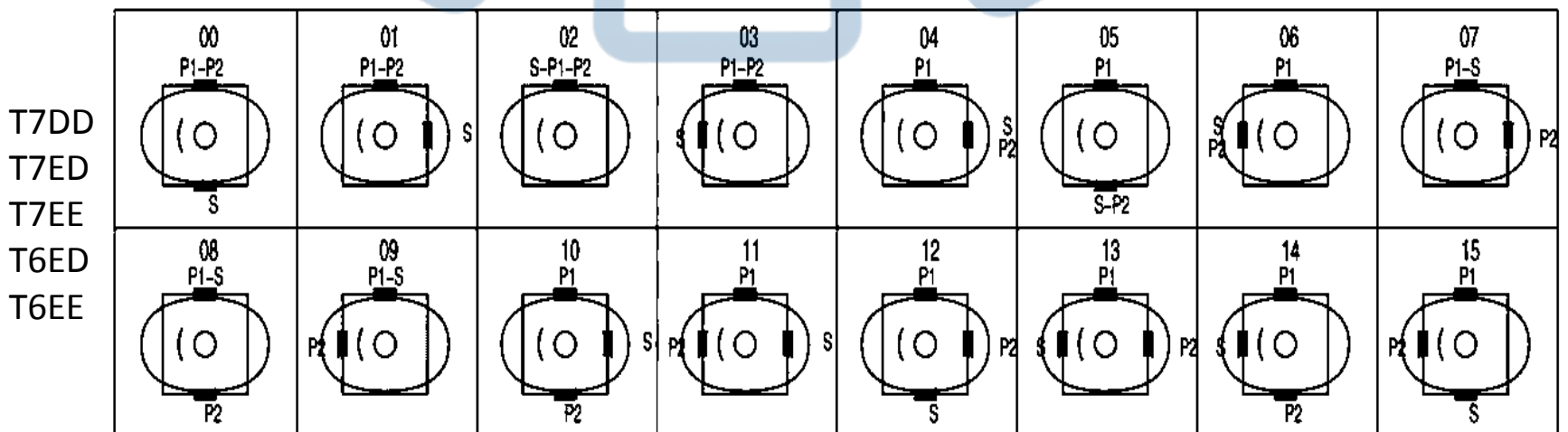
T6CC	022	022	-1	R	00	-A	1	10
系列 Series	轴端泵排量代号 Displacement-Shaft end pump	盖端泵排量代号 Displacement-cover end pump	轴伸形式 Shaft type	旋转方向 Rotation	油口位置 Port positions	设计号 Design number	密封等级 Sealing Class	油口尺寸 port size
T6CC	003、005、006、008、010、012、014、017、020、022、025、028、031	003、005、006、008、010、012、014、017、020、022、025、028、031	见轴伸尺寸 See shaft size	从泵轴端 看 View from shaft end R-顺时针 clockwise ; L-逆时针 counter clockwise ;	见下图 see chart below	A	1-S1: 丁腈 橡胶 NBR; 5-S5: 氟橡 胶 FPM;	00、01、10
T6DC	014、017、020、024、028、031、035、038、042、045、050	014、017、020、024、028、031、035、038、042、045、050						00、01、M1
T6EC	042、045、050、052、057、062、066、072、085	003、005、006、008、010、012、014、017、020、022、025、028、031						无此项 No
T6ED	042、045、050、052、057、062、066、072、085	014、017、020、024、028、031、035、038、042、045、050						00、01
T6EE	042、045、050、052、057、062、066、072、085	042、045、050、052、057、062、066、072、085						
T7BB	B02、B03、B04、B05、B06、B07、B08、B10、B12、B15	B02、B03、B04、B05、B06、B07、B08、B10、B12、B15						00、01



T6CC	022	022	-1	R	00	-A	1	10
系列 Series	轴端泵排量代号 Displacement-Shaft end pump	盖端泵排量代号 Displacement-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 Class	油口尺寸 port size
T7DB	B14、B17、B20、B22、B24、B28、B31、B35、B38、B42	B02、B03、B04、B05、B06、B07、B08、B10、B12、B15	见轴伸尺寸 See shaft size	从泵轴端看 View from shaft end R-顺时针 clockwise; L-逆时针 counter clockwise;	见下图 see chart below	A	1-S1：丁晴橡胶 NBR; 5-S5：氟橡胶 FPM;	00、01、M1
T7DD	B14、B17、B20、B22、B24、B28、B31、B35、B38、B42	B14、B17、B20、B22、B24、B28、B31、B35、B38、B42						无此项 No
T7EB	042、045、050、052、057、062、066、072、085	B02、B03、B04、B05、B06、B07、B08、B10、B12、B15						
T7ED	042、045、050、052、057、062、066、072、085	B14、B17、B20、B22、B24、B28、B31、B35、B38、B42						
T7EE	042、045、050、052、057、062、066、072、085	042、045、050、052、057、062、066、072、085						
T67CB	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						
T67DB	014/B14、017/B17、020/B20、022/B22、025/B25、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						
T67EB	042、045、050、052、057、062、066、072、085	B02、B03、B04、B05、B06、B07、B08、B10、B12、B15						
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						

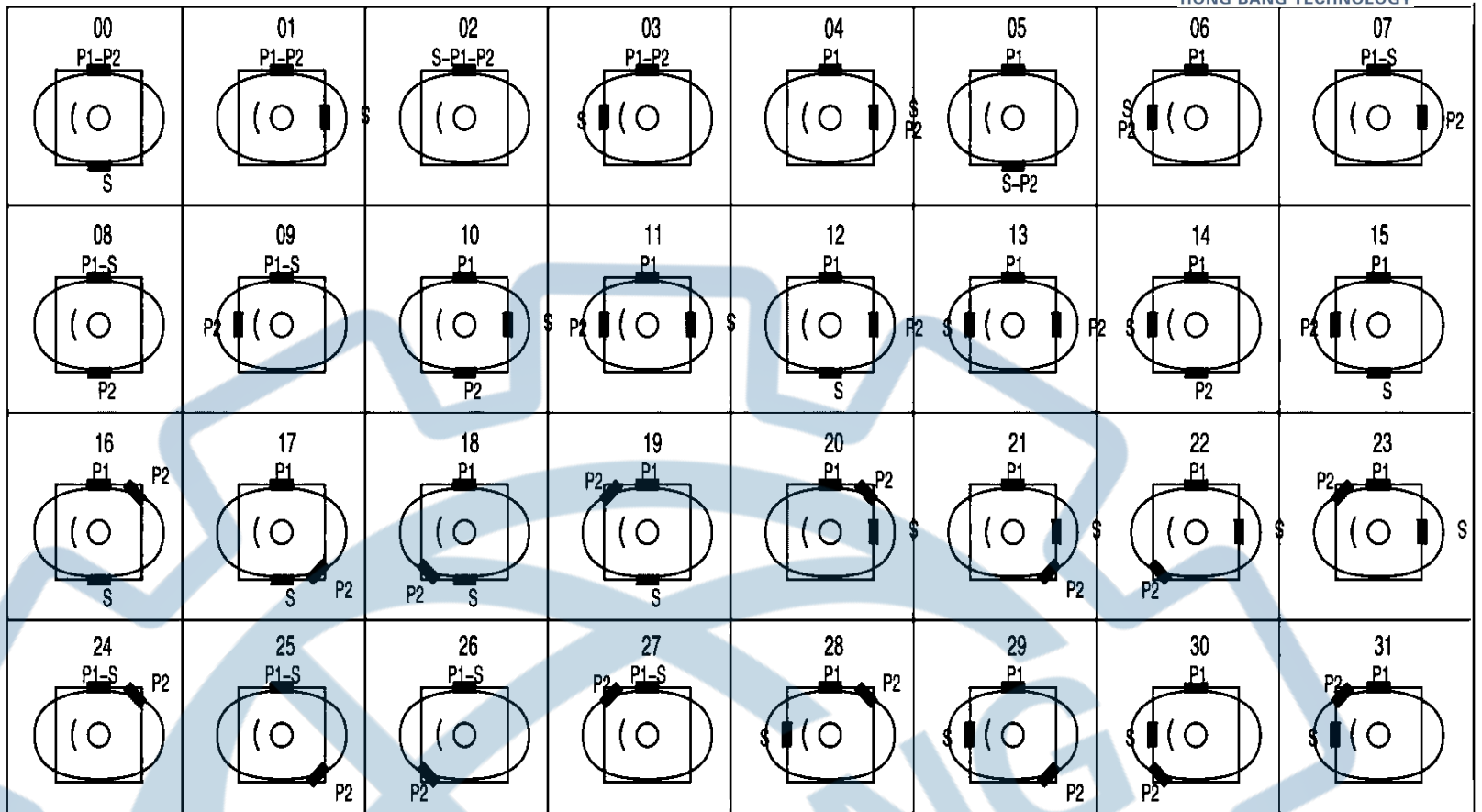
003/B03:排量代号中0表示单转向型配流侧板结构, B表示双转向型配流侧板结构
003/B03: In displacement code, 0 means single steering side plate structure, B means double steering side plate structure
与相应系列、规格的T6单泵性能参数一致, 详见T6系列单泵的性能参数
Same as equivalent T6 single pump see T6 series single pump performance for reference.

油口位置 Port positions (Views from shaft end pump)



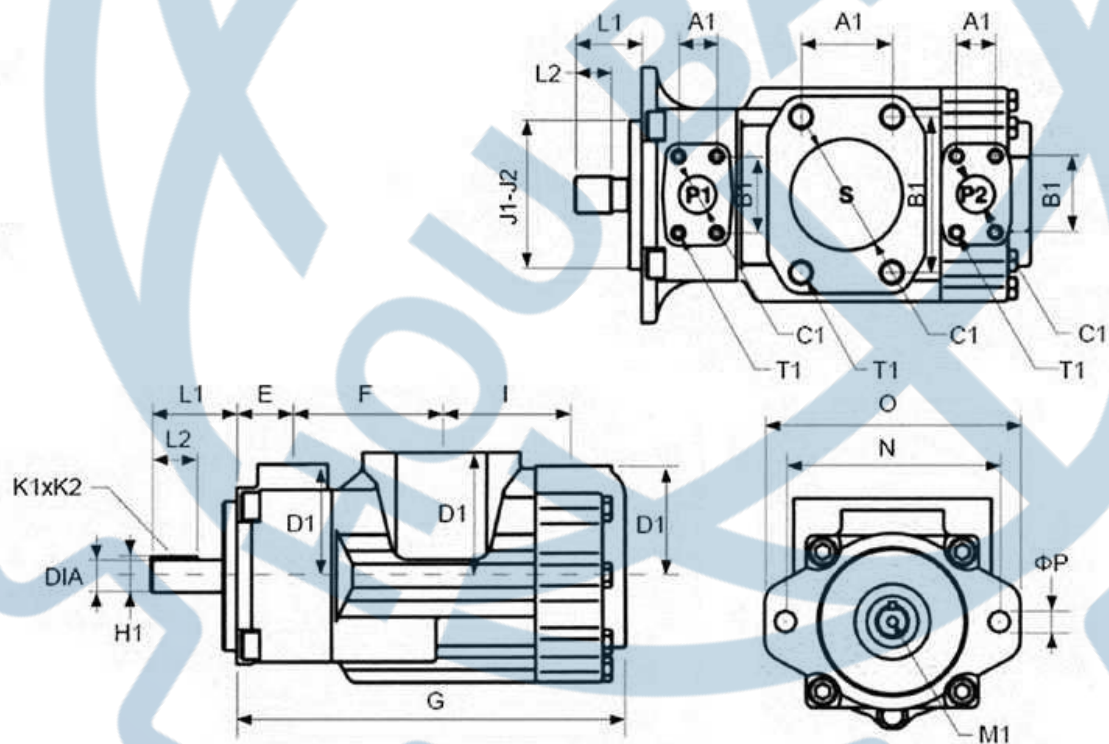


T6CC
T6DC
T6EC
T7BB
T7DB
T7EB
T67CB
T67DB
T67EB
T67EC



双联泵外形安装尺寸 Double Pump Outline Dimension

T6CC
T6DC
T6EC
T6ED
T6EE

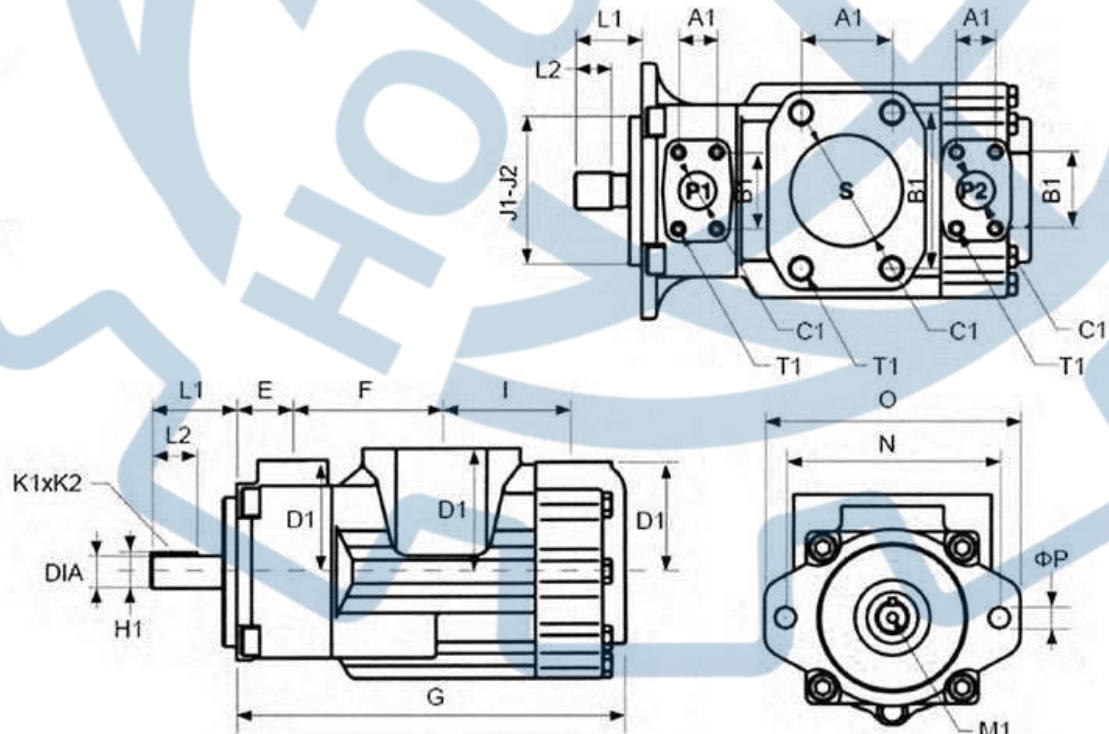


系列号SIZE	E	F	G	J1	J2	N	O	ΦP
T6CC	38.1	82.3	161.6	101.60	101.55	146.1	174.5	14.3
T6DC	38.1	87.4	184.9	127.00	126.095	181.0	212.4	17.5
T6EC	52.3	110.0	225.3	127.00	126.095	181.0	213.0	17.5
T6ED	38.1	82.3	168.5	100.00	99.967	140.0	174.5	14.0
T6EE	38.1	87.4	184.9	125.00	124.937	180.0	212.4	18.0



油口Oil port			法兰 Flange	安装尺寸Installation Dimension				
				A1	B1	ΦC1	D1	T1口螺纹Thread
T6CC	P1	1"	F08	26.2	52.4	25.4	76.2	3/8-16UNC×19.0
	P2	01:3/4"	F06	22.2	47.6	19.0		
		00 : 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	
00&01 : 3"		F24	61.9	106.4	76.2	5/8-11UNC×28.4		
T6DC	P1	00&01 : 1-1/4"	F10	30.2	58.7	31.8	82.6	7/16-14UNC×22.3
		M1 : 1-1/4"						M12×22.3
	P2	01:3/4"	F06	22.2	47.6	19.0	74.7	3/8-16UNC×19.1
		00 : 1"	F08	26.2	52.4	25.4		
		M1:3/4"	F06	22.2	47.6	19.0		M10×19
	S	00&01 : 3"	F24	61.9	106.4	76.2	88.9	5/8-11UNC×28.4
M1:3"		M16×29						
T6EC	P1	1-1/2"	F12	35.7	69.9	38.1	98.6	1/2-13UNC×23.4
	P2	1"	F08	26.2	52.4	25.4	74.7	3/8-16UNC×19.0
	S	3-1/2"	F28	69.9	120.7	88.9	102.4	5/8-11UNC×29.5
T6ED	P1	1-1/2"	F12	35.7	69.9	38.1	98.6	1/2-13UNC×23.4
	P2	1-1/4"	F10	30.2	58.7	31.8	82.6	3/8-16UNC×19.1
	S	4"	F32	77.8	130.2	101.6	102.4	5/8-11UNC×30
T6EE	P1	1-1/2"	F12	35.7	69.9	38.1	139.7	1/2-13UNC×30
	P2					37.1	98.6	1/2-13UNC×23.4
	S	4"	F32	77.8	130.2	101.6	115	5/8-11UNC×30

T7DD
T7ED
T7EE
T67DC
T67EC

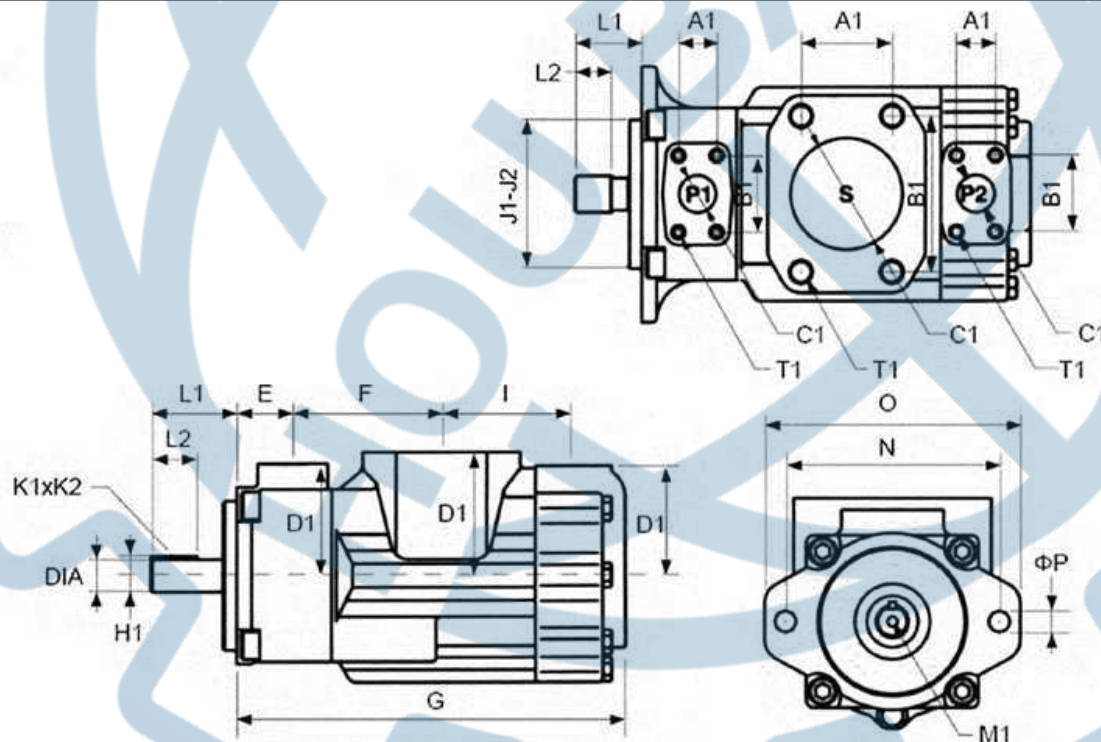


系列号SIZE	E	F	G	J1	J2	N	O	ΦP
T7DD	38.3	148.3	347.7	134.2	125.000	124.937	180.0	213.0
T7ED	52.3	133.5	361.0	148.2	125.00	124.94	180.0	213.0
T7EE	42.9	167.3	406.8	157.9	250.00	249.93	224.5×224.5	273×273
T67DC	38.1	114.3	286.0	109.5	127.00	126.95	181.0	212.4
T67EC	52.3	118.5	331.6	136.7	127.00	126.95	181.0	213.0



油口Oil port			法兰 Flange	安装尺寸Installation Dimension				
				A1	B1	ΦC1	D1	T1口螺纹 Thread
T7DD	P1	1-1/4"	F10	30.2	58.7	31.8	101.6	7/16-14UNC×22.3
	P2							
	S	4"	F32	77.8	130.2	101.6	114.9	5/8-11UNC×30
	P1	1-1/4"	F10	30.2	58.7	31.8	101.6	7/16-14UNC×22.3
T7ED	P1	1-1/2"	F12	35.7	69.9	38.1	98.6	1/2-13UNC×23.4
	P2	1-1/4"	F10	30.2	58.7	31.8	101.6	7/16-14UNC×22.4
	S	4"	F32	77.8	130.2	101.6	102.4	5/8-11UNC×30
T7EE	P1	1-1/2"	F12	35.7	69.9	38.1	139.7	1/2-13UNC×30
	P2	1-1/2"	F12	35.7	69.9	38.1	98.6	1/2-13UNC×23.4
	S	4"	F32	77.8	130.2	101.6	115	5/8-11UNC×30
T7DC	P1	1-1/4"	F10	30.2	58.7	31.8	82.6	7/16-14UNC×22.3
	P2	1"	F08	26.2	52.4	25.4	74.7	3/8-16UNC×19.0
	S	3"	F24	61.9	106.4	76.2	88.9	5/8-11UNC×28.5
T7EC	P1	1-1/2"	F12	35.7	69.9	38.1	98.6	1/2-13UNC×23.4
	P2	1"	F08	26.2	52.4	25.4	74.7	3/8-16UNC×19.0
	S	3-1/2"	F28	69.9	120.7	88.9	102.4	5/8-11UNC×29.5

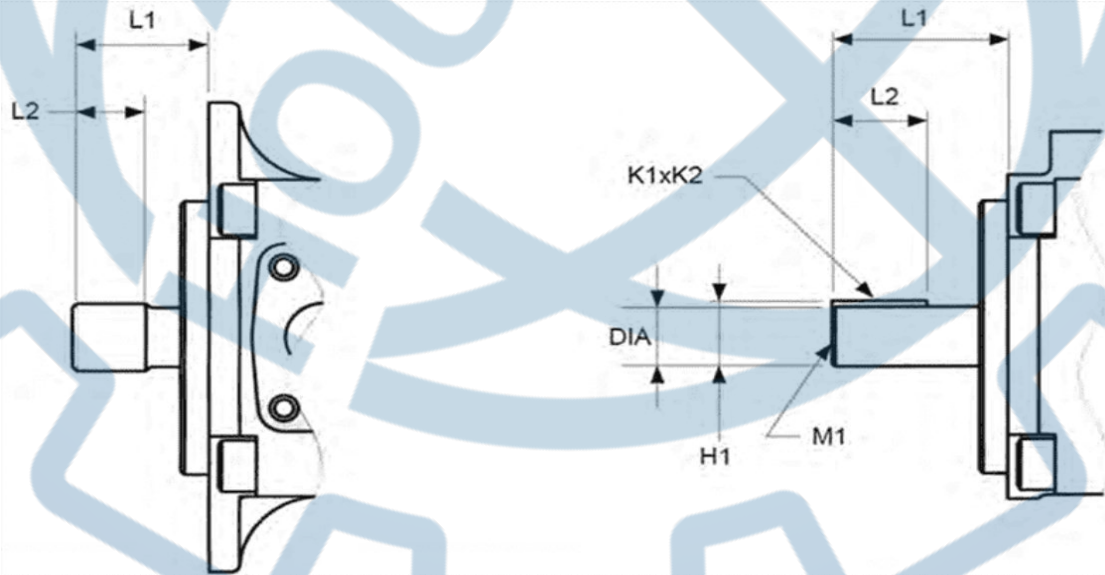
T7BB
T7DB
T7EB
T67CB
T67EB



系列号SIZE	E	F	G	J1	J2	N	O	ΦP
T7BB	52.3	110.0	225.3	125.00	124.937	180.0	213.0	18.0
T7DB	114.3	286.0	109.5	125.00	124.94	180.0	212.4	18.0
T7EB	52.3	118.5	331.6	136.7	125.00	124.94	180.0	213.0
T67CB	101.6	265.6	88.2	101.6	101.55	146.0	174.5	14.3
T67EB	52.3	118.5	331.6	136.7	127.00	126.95	180.0	213.0



油口Oil port			法兰 Flange	安装尺寸Installation Dimension				
				A1	B1	ΦC1	D1	T1口螺纹 Thread
T7BB	P1	01:3/4"	F06	22.2	47.6	19.0	76.2	3/8-16UNC×19.0
		00:1"	F08	26.2	52.4	25.4		
	P2	3/4"	F06	22.2	47.6	19.0		
	S	2-1/2"	F20	50.8	88.9	63.5	84.1	
T7DB	P1	01:1/4"	F10	30.2	58.7	31.8	82.6	7/16-14UNC×22.3
		M1:1-1/4"	F10					M12×22.3
	P2	01:3/4"	F06	22.2	47.6	19.0	74.7	3/8-16UNC×19.0
		00:1"	F08	26.2	52.4	25.4		M10×19
		M1 : 3/4"	F06	22.2	47.6	19.0		5/8-11UNC×29
	S	3"	F24	61.9	106.4	76.2	88.9	5/8-11UNC×29
M1"3"		F24	M16×29					
T7EB	P1	1-1/2"	F12	35.7	69.9	38.1	98.6	1/2-13UNC×23.4
	P2	3/4"	F06	22.2	47.6	19.0	74.7	3/8-16UNC×19.0
	S	3-1/2"	F28	69.9	120.7	88.9	102.4	5/8-11UNC×29.5
T67CB	P1	1"	F08	26.2	52.4	25.4	76.2	3/8-16UNC×19.0
	P2	3/4"	F06	22.2	47.6	19.0		
	S	2-1/2"	F20	50.8	88.9	63.5	84.1	
T67EB	P1	1-1/2"	F12	35.7	69.9	38.1	98.6	1/2-13UNC×23.4
	P2	3/4"	F06	22.2	47.6	19.0	74.7	3/8-16UNC×19.0
	S	3-1/2"	F28	69.9	120.7	88.9	102.4	5/8-11UNC×24.0



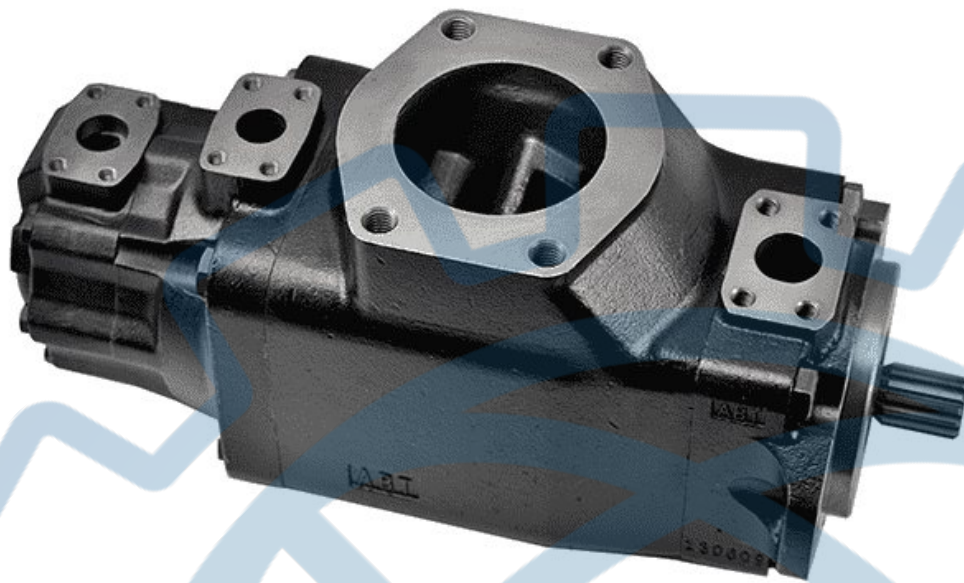
型号 Model	轴伸代号 shaft Cold	最大扭矩	L1	L2	DIA	K1×K2	H1	M1
T7BB	1	238	58.2	31.7	22.225/22.200	4.76×4.71	24.53	-
	2	357	71.4	38.1	25.400/25.370	6.35×6.30	28.22	M8×16
	3	▲	40.7	24.5	SAE J498-b 1级 · 16/32 · 13牙			-
	4	▲	45.5	24.5	SAE J498-b 1级 · 16/32 · 15牙			
	5	▲	70.0	40.0	25.000/24.993	8.00×7.00	28.22	



型号 Model	轴伸代号 shaft Cold	最大扭矩	L1	L2	DIA	K1×K2	H1	M1
T7DB	1	▲	83.6	49.3	31.750/31.700	7.94×7.89	35.27	M10×20
	2	▲	73.2	38.1				
	3	▲	55.2	38.0	SAE J498-b 1级 · 12/24 · 14牙			-
	4	▲	77.7	48.0	SAE J498-b 1级 · 12/24 · 14牙			-
	5	▲	87.9	50.0	32.018/32.002	10.00×8.00	35.0	M10×20
T7DD	1	▲	84.0	49.3	31.750/31.700	7.94×7.89	35.27	M10×20
	2	▲	91.0	50.8	38.100/38.050	9.52×9.47	40.36	M10×20
	3	▲	56.0	38.0	SAE J498-b 1级 · 12/24 · 14牙			-
	4	▲	46.0	24.5	SAE J498-b 1级 · 12/24 · 15牙			-
	5	▲	68.0	50.0	31.018/38.002	10.00×8.00	41.3	M10×20
T7EB T7ED	1	▲	90.9	50.8	38.100/38.050	9.52×9.47	42.36	M10×20
	2	▲	61.9	38.1	31.750/31.700	7.94×7.89	35.27	M10×20
	3	▲	55.9	38.1	SAE J498-b 1级 · 12/24 · 14牙			-
	4	▲	62.2	31.5	SAE J498-b 1级 · 12/24 · 17牙			-
	5	▲	90.0	50.0	31.018/38.002	10.00×8.00	41.3	M10×20
T7EE	1	▲	90.9	63.5	38.100/38.075	9.52×9.47	42.36	M10×20
	2	▲	92.0	63.0	45.000/44.975	14.00×9.00	48.5	M12×24
	3	▲	62.2	31.5	SAE J498-b 1级 · 12/24 · 17牙			-
	4	▲	75.0	48.8	SAE J498-b 1级 · 8/16 · 13牙			-
T67CB T6CC	1	238	58.2	31.7	22.225/22.200	4.76×4.71	24.53	-
	2	357	71.4	38.1	25.400/25.370	6.35×6.30	28.22	M8×16
	3	545	45.5	24.5	SAE J498-b 1级 · 16/32 · 15牙			-
	5	343	40.7	24.5	SAE J498-b 1级 · 16/32 · 13牙			-
T67DB T67DC T6DC	1	721	83.6	49.3	31.750/31.700	7.94×7.89	35.27	M10×20
	2	577	73.2	38.1	31.750/31.700	7.94×7.89	35.27	M10×20
	3	▲	55.2	38.0	SAE J498-b 1级 · 12/24 · 14牙			-
	4	▲	77.7	48.0	SAE J498-b 1级 · 12/24 · 14牙			-
	5	▲	83.4	60.0	34.900/34.875	7.94×7.89	38.42	M8×16
T67EB T67EC T6EC T6ED	1	▲	90.9	50.8	38.100/38.050	9.52×9.47	42.36	M10×20
	2	577	61.9	38.1	31.750/31.700	7.94×7.89	35.27	M10×20
	3	▲	55.7	38.0	SAE J498-b 1级 · 12/24 · 14牙			-
	4	▲	62.2	31.5	SAE J498-b 1级 · 12/24 · 17牙			-



T系列柱销式三联叶片泵 T Series Triple Vane Pump



液压符号
Hydraulic sign



描述Introduction

T6/T67/T7系列柱销叶片泵具有体积小、流量大、压力高、噪音低、寿命长、容积效率高等特点。采用双唇叶片设计，两唇与定子交变接触。该泵具有规格齐全、性能优良可靠、结构简单合理、安装维修方便等特点，可广泛应用于塑料机械、压铸机械、冶金机械、冶炼机械、压力机械、工程机械、船舶机械及各种液压系统等领域。

T6/T67/T7 series pin vane pump has the characteristics of small volume, large flow, high pressure, low noise, long life and high volume efficiency. Double lip blade design, two lips and stator alternating contact. The pump has complete specifications, excellent performance and reliable, simple and reasonable structure, easy installation and maintenance characteristics, can be widely used in plastic machinery, die casting machinery, metallurgical machinery, smelting machinery, pressure machinery, engineering machinery, Marine machinery and various hydraulic systems and other fields.

型号代码Ordering Code

T6DCC	022	022	022	-1	R	00	-A	1	10
系列 Series	轴端泵排量代号 Flow-Shaft end pump	中间泵排量 Displacement-middle 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 Class	油口尺寸 port size
T6DCC	014/B14、017/B17、020/B20、022/B22、025/B25、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	见轴伸尺寸 See shaft size	从泵轴端看 View from shaft end R-顺时针 clockwise; L-逆时针 counter clockwise;	见下图 see chart below	A	1-S1：丁晴橡胶 NBR; 5-S5：氟橡胶 FPM;	00、01
T6DDC	014/B14、017/B17、020/B20、022/B22、025/B25、028/B28、031/B31、035/B35、038/B38、042/B42、045/B45、050/B50、061	014/B14、017/B17、020/B20、022/B22、025/B25、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	见轴伸尺寸 See shaft size	从泵轴端看 View from shaft end R-顺时针 clockwise; L-逆时针 counter clockwise;	见下图 see chart below	A	1-S1：丁晴橡胶 NBR; 5-S5：氟橡胶 FPM;	00、01

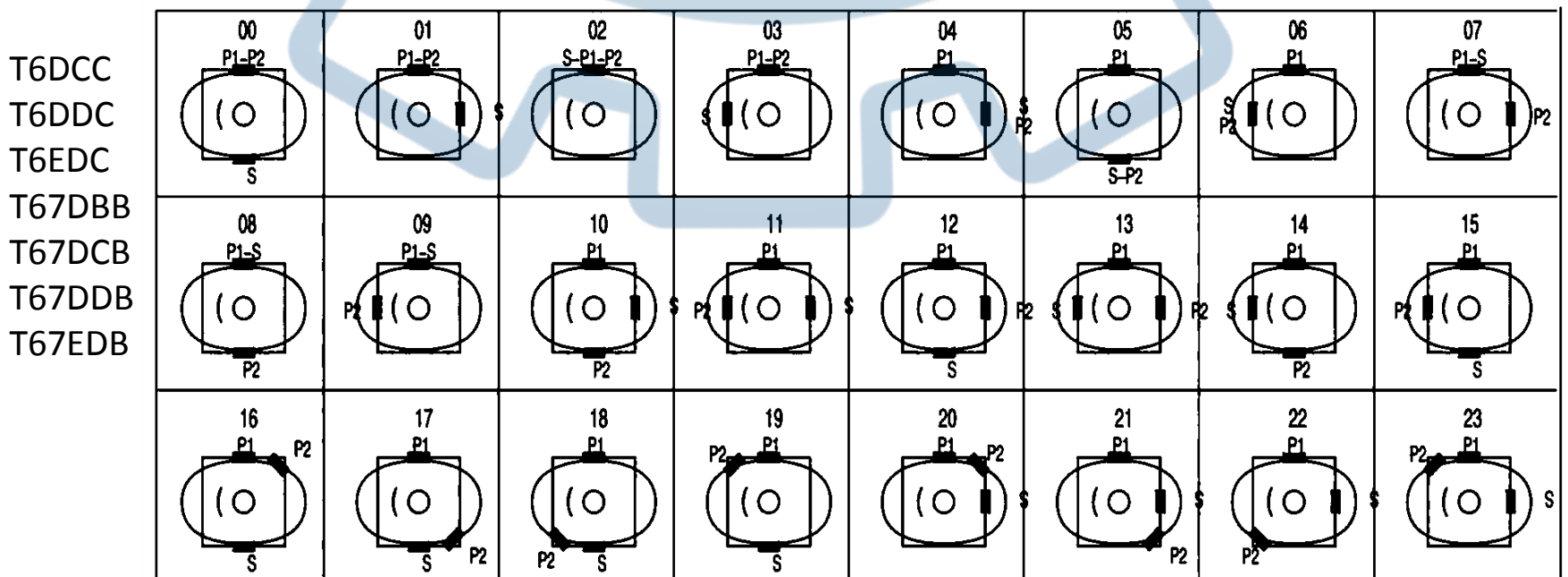
003/B03:排量代号中0表示单转向型配流侧板结构，B表示双转谢型配流侧板结构

003/B03: In displacement code, 0 means single steering side plate structure, B means double steering side plate structure



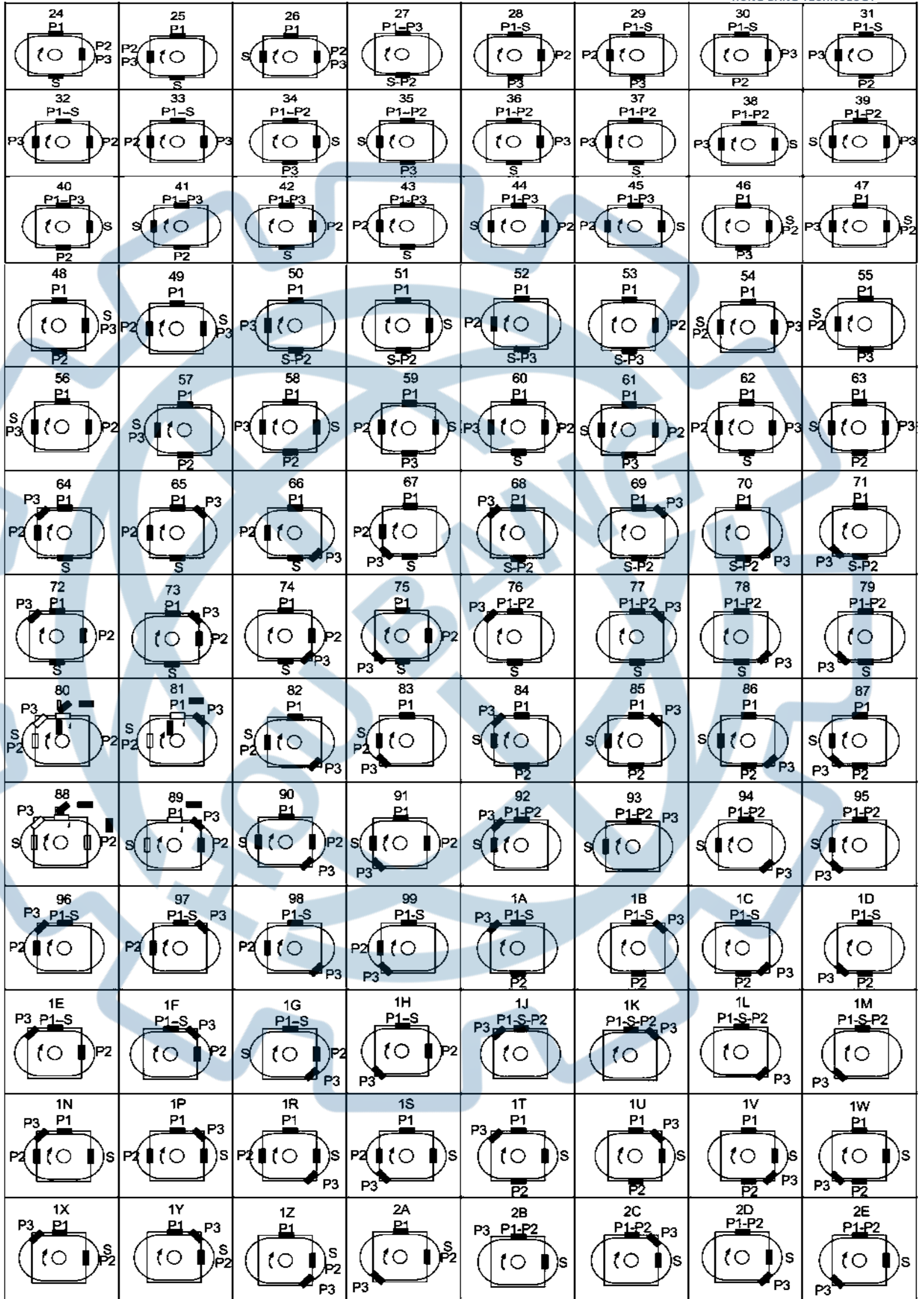
T6CC	022	022	022	-1	R	00	-A	1	10
系列 Series	轴端泵排量代号 Flow-Shaft and pump	中间泵排量 Displacement- middle pump	盖端泵排量代号 Flow-cover and pump	轴伸形式 Shaft type	旋转方向 Rotation	油口 位置 Port positions	设计号 Design number	密封等级 Sealing Class	油口尺 寸port size
T6EDC	042、045、050、 052、057、060、 066、072、085	014/B14、017/B17 、020/B20、 022/B22、025/B25 、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
T67DBB	014/B14、017/B17 、020/B20、 022/B22、025/B25 、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		从泵轴 端看 View from shaft end	见下图 see chart below	A	1-S1：丁 睛橡胶 NBR； 5-S5：氟 橡胶FPM；	
T67DCB	014/B14、017/B17 、020/B20、 022/B22、025/B25 、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	见轴伸尺 寸 See shaft size	R-顺时针 clockwise； L-逆时针 counter clockwise；			无此项 No	
T67DD B	014/B14、017/B17 、020/B20、 022/B22、025/B25 、028/B28、 031/B31、035/B35 、038/B38、 042/B42、045/B45 、050/B50、061	014/B14、017/B17 、020/B20、 022/B22、025/B25 、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						
<p>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 003/B03: In displacement code, 0 means single steering side plate structure, B means double steering side plate structure 与相应系列、规格的T6单泵性能参数一致，详见T6系列单泵性能参数 Same as equivalent T6 single pump see T6 series single pump performance for reference.</p>									

油口位置 Port positions (Views from shaft end pump)



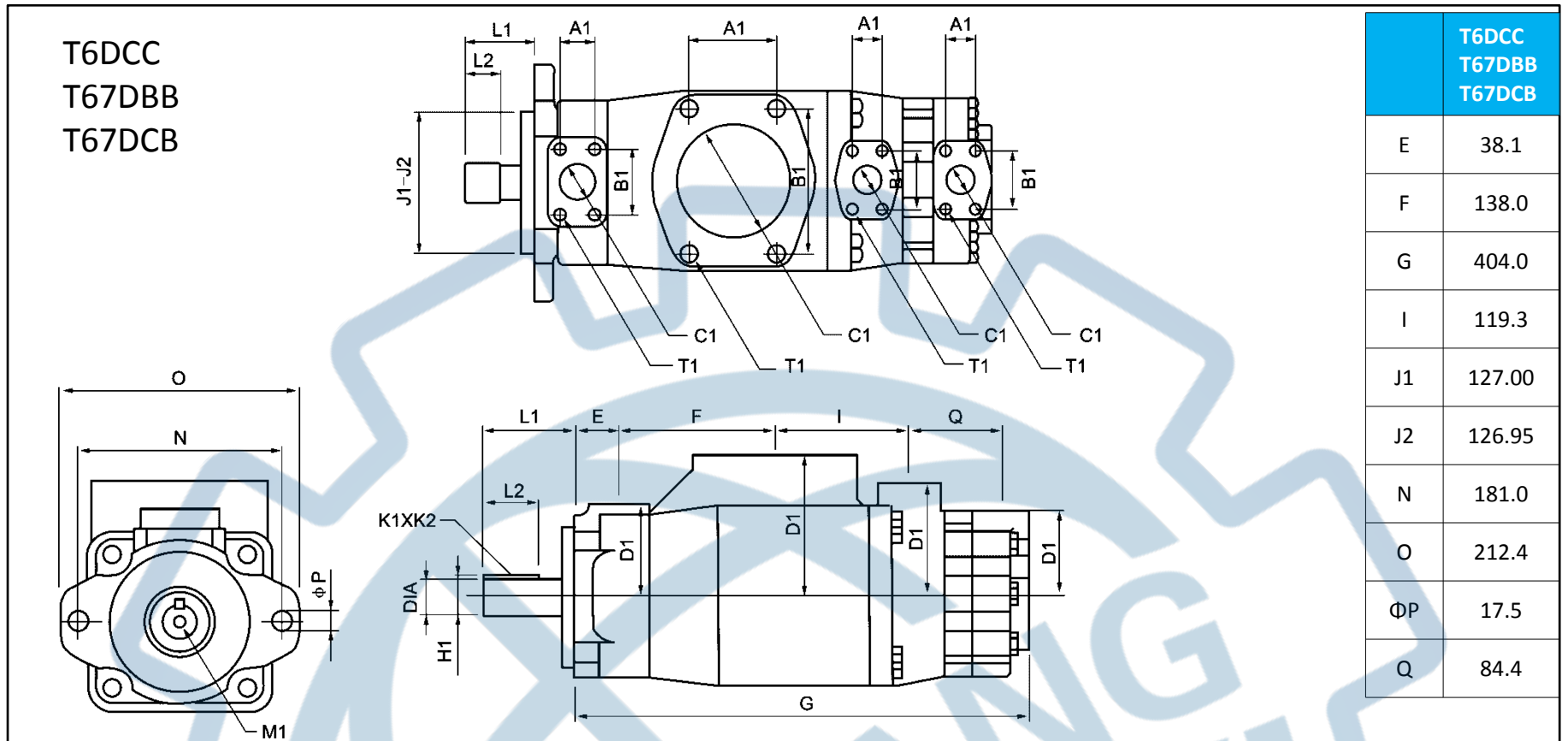


T6DCC
T6DDC
T6EDC
T67DBB
T67DCB
T67DDB
T67EDB





三联泵外形安装尺寸 Triple Pump Outline Dimension

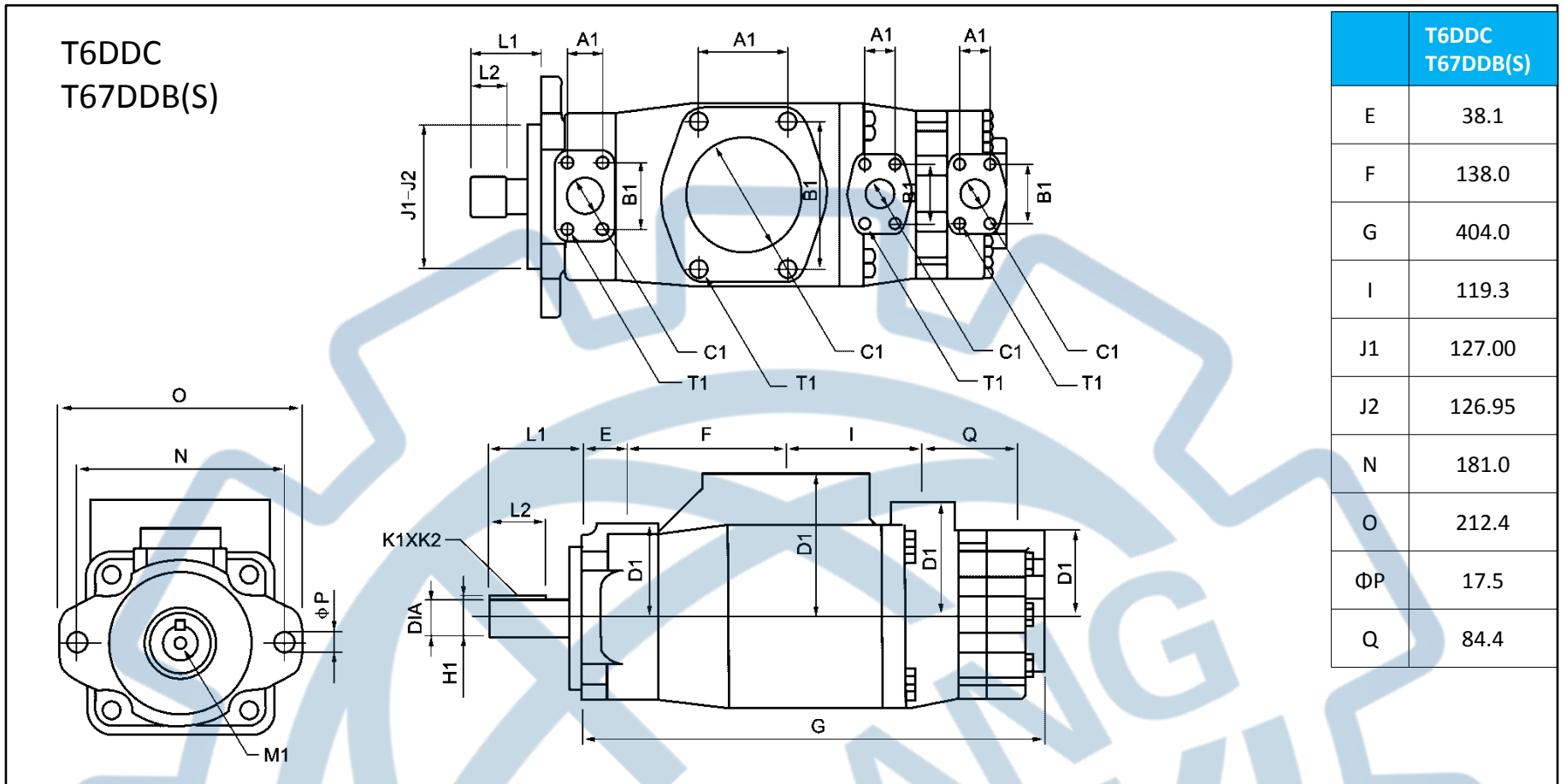


型号 Model	轴伸代号 Shaft Code	最大扭矩	L1	L2	DIA	K1×K2	H1	M1	
T6DCC T67DBB T67DCB	1	平键 : No SAE(Φ31)	721	83.6	49.3	31.750-31.700	6.35×6.30	34.6	-
	2	平键 : SAE CC(Φ38)	1108	89.7	50.8	38.100-38.075	9.52×9.47	42.4	-
	3	花键 : SAE C	●	55.2	38.0	SAE J498-b 1级 · 12/24 · 14牙		-	-
	4	花键 : SAE C	●	61.0	31.5	SAE J498-b 1级 · 12/24 · 17牙		-	-
T6DCC	6	花键 : No SAE	●	76.0	48.0	SAE J498-b 1级 · 12/24 · 14牙		-	

油口 Oil port	法兰 Flange	安装尺寸 Installation Dimension						
		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"-14UNC×22.3
	P2	1"	F08	26.2	52.4	25.4	101.6	3/8-16UNC×19.0
	P3	3/4"	F06	22.2	47.6	19.0	74.7	3/8-16UNC×19.0
	S	4"	F32	77.8	130.2	101.6	127	5/8"-11UNC×30
T6DCC	P1	1-1/4"	F10	30.2	58.7	31.8	82.6	7/16"-14UNC×22.3
	P2	1"	F08	26.2	52.4	25.4	101.6	3/8-16UNC×19.0
	P3	00:3/4"	F06	22.2	47.6	19.0	74.7	3/8-16UNC×19.0
		01:1"	F08	26.2	52.4	25.4	74.7	3/8-16UNC×19.0
	S	4"	F32	77.8	130.2	101.6	127	5/8"-11UNC×30



三联泵外形安装尺寸 Triple Pump Outline Dimension



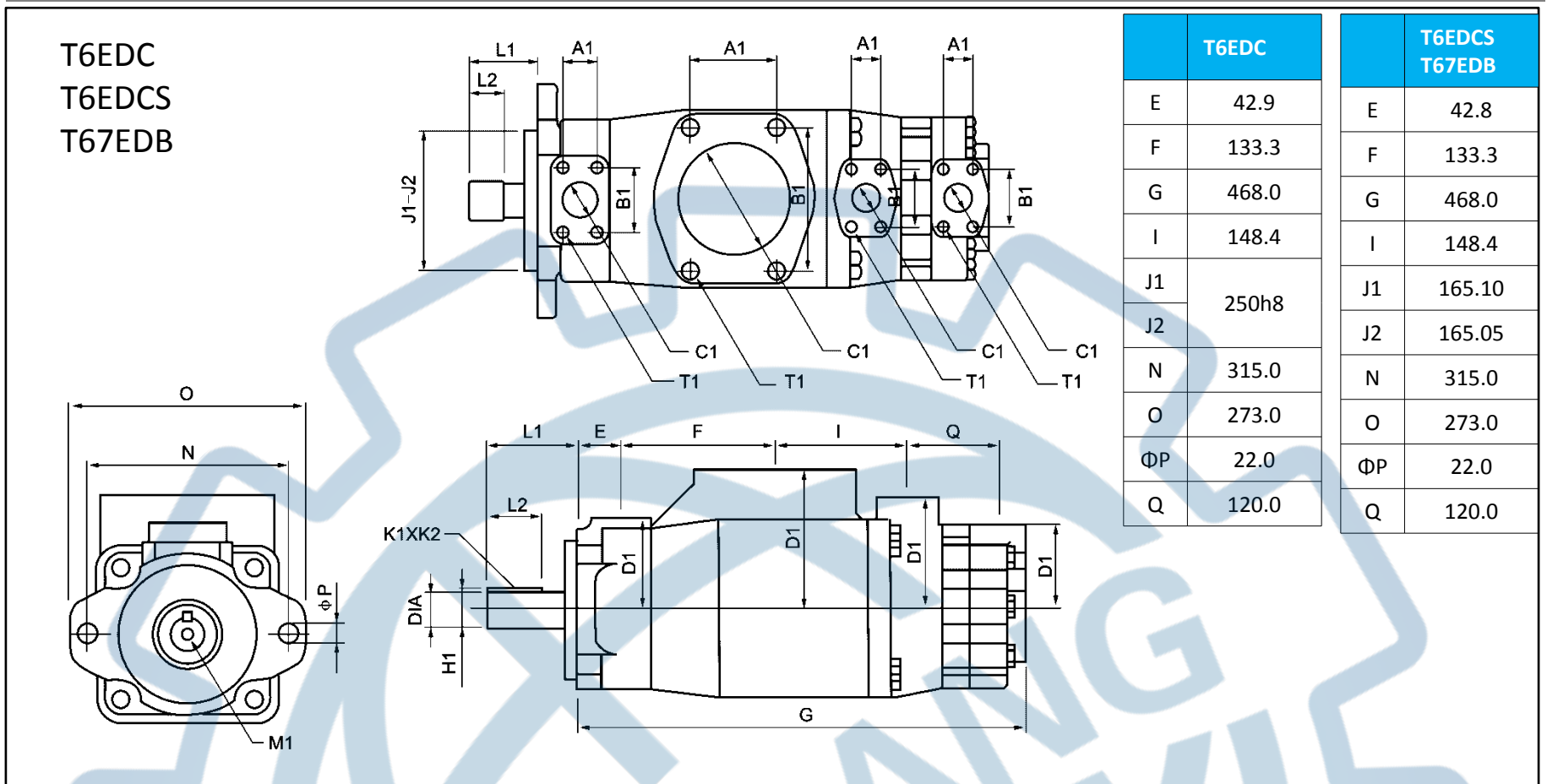
	T6DDC T67DDB(S)
E	38.1
F	138.0
G	404.0
I	119.3
J1	127.00
J2	126.95
N	181.0
O	212.4
ΦP	17.5
Q	84.4

型号 Model	轴伸代号 Shaft Code	最大扭矩	L1	L2	DIA	K1×K2	H1	M1	
T6DDC T67DDB(S)	1	平键 : No SAE(Φ31)	686	84.0	49.3	31.750-31.700	7.94×7.89	35.27	M10×M20
	2	平键 : SAE CC(Φ38)	1148	91.0	50.8	38.100-38.075	9.52×9.47	42.36	M10×M20
	5		883	84.0	60.0	34.900-34.850	7.94×7.89	38.42	M10×M20
	3	花键 : SAE C	971	56.0	38.0	SAE J498-b 1级 · 12/24 · 14牙			-
	4	花键 : SAE C	●	46.0	31.5	SAE J498-b 1级 · 12/24 · 17牙			-

	油口 Oil port	法兰 Flange	安装尺寸 Installation Dimension					
			A1	B1	ΦC1	D1	T1口螺纹 Thread	
T67DDB(S)	P1	1-1/4"	F10	30.2	58.7	31.8	82.6	7/16"-14UNC×22.3
	P2	1-1/4"	F10	30.2	58.7	31.8	101.6	7/16"-14UNC×24.0
	P3	3/4"	F06	22.2	47.6	19.0	74.7	3/8"-16UNC×19.0
	S	4"	F32	77.8	130.2	101.6	115.0	5/8"-11UNC×30.0
T6DDC	P1	1-1/4"	F10	30.2	58.7	31.8	82.6	7/16"-14UNC×22.3
	P2	1-1/4"	F10	30.2	58.7	31.8	101.6	7/16"-14UNC×24.0
	P3	00:3/4"	F06	22.2	47.6	19.0	74.7	3/8-16UNC×19.0
		01:1"	F08	26.2	52.4	25.4	74.7	3/8-16UNC×19.0
	S	4"	F32	77.8	130.2	101.6	115.0	5/8"-11UNC×30.0



三联泵外形安装尺寸 Triple Pump Outline Dimension

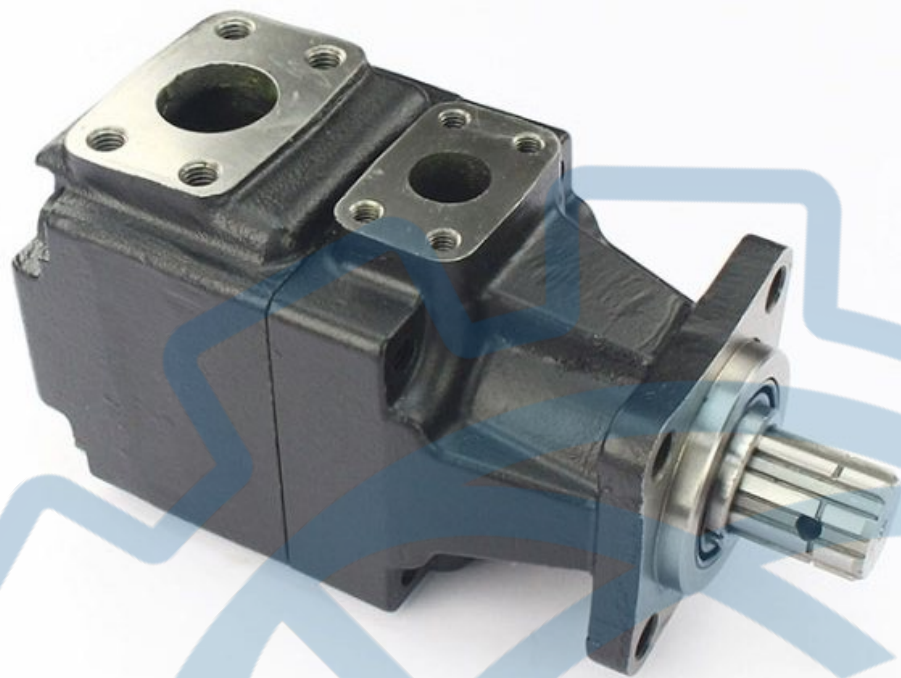


型号 Model	轴伸代号 Shaft Code	最大扭矩	L1	L2	DIA	K1×K2	H1	M1
T6EDC T67EDB T6EDCS	1 平键 : No SAE(Φ31)	●	92.0	63.0	45h7	14h7×9	48.5	M12×M24
T6EDCS	2 平键 : SAE CC(Φ38)	●	100.0	63.5	44.45/44.4	11.11×11.06	42.4	1/-UNC×24.0
	3 花键 : SAE C	●	75.0	48.8	SAE J498-b 1级 · 8/16 · 13牙			-

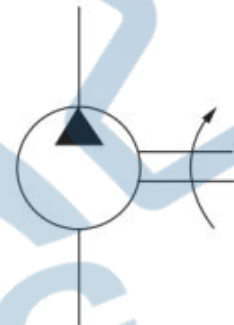
	油口 Oil port		法兰 Flange	安装尺寸 Installation Dimension				
				A1	B1	ΦC1	D1	T1口螺纹 Thread
T67EDB	P1	1-1/2"	F12	35.7	69.9	37.1	139.7	1/2"-13UNC×30.0
	P2	1-1/4"	F10	30.2	52.4	31.8	101.6	7/16"-14UNC×24.0
	P3	3/4"	F06	22.2	47.6	19.0	74.7	3/8"-16UNC×19.0
	S	4"	F32	77.8	130.2	101.6	115.0	5/8"-11UNC×30.0
T6EDC T6EDCS	P1	1-1/2"	F12	35.7	58.7	37.1	139.7	1/2"-13UNC×30.0
	P2	1-1/4"	F10	30.2	52.4	31.8	101.6	7/16"-14UNC×24.0
	P3	00:3/4"	F06	22.2	47.6	19.0	74.7	3/8-16UNC×19.0
		01:1"	F08	26.2	52.4	25.4	74.7	3/8-16UNC×19.0
	S	4"	F32	77.8	130.2	101.6	115.0	5/8"-11UNC×30.0



T6GC/T7GB系列柱销式单叶片泵 T6GC/T7GB Series Single Vane Pump



液压符号
Hydraulic signs



描述Introduction

T6GC/T7GB系列柱销叶片泵具有体积小、流量大、压力高、噪音低、寿命长、容积效率高等特点。采用双唇叶片设计，两唇与定子交变接触。该泵具有规格齐全、性能优良可靠、结构简单合理、安装维修方便等特点，可广泛应用于塑料机械、压铸机械、冶金机械、冶炼机械、压力机械、工程机械、船舶机械及各种液压系统等领域。

T6GC/T7GB series pin vane pump has the characteristics of small volume, large flow, high pressure, low noise, long life and high volume efficiency. Double lip blade design, two lips and stator alternating contact. The pump has complete specifications, excellent performance and reliable, simple and reasonable structure, easy installation and maintenance characteristics, can be widely used in plastic machinery, die casting machinery, metallurgical machinery, smelting machinery, pressure machinery, engineering machinery, Marine machinery and various hydraulic systems and other fields.

型号代码Ordering Code

T6GC	B10	-6	R	00	-A	1	01
系列 Series	排量代号 Displacement code	轴伸形式 Shaft type	旋转方向 Rotation	出油口位置 Outlet Port positions	设计号 Design number	密封等级 Sealing Class	油口尺寸 port size
T6GC	B03、B05、B06、B08、 B10、B12、B14、 B17、B20、B22、B25、 B28、 B31	见轴伸尺寸 See shaft size	从泵轴端看 View from shaft end R-顺时针 clockwise; L-逆时针 counter clockwise;	从泵轴端看 (View from cover end) 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; 5-S5: 氟橡胶 FPM;	00: 法兰螺纹; Flange thread 01: SAE 法兰四螺孔; SAE Flange four screw
T7GB	B02、B03、B04、B05、 B06、B07、B08、 B10、B12、B15						

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

003/B03: In displacement code, 0 means single steering side plate structure, B means double steering side plate structure

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

Same as equivalent T6 single pump see T6 series single pump performance for reference.



工作性能 Operation Performance

系列 Series	理论排量 theoretical displacement ml/r	转速 speed r/min	流量Flow						功率Power					
			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-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	10.1	11.5
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	10.1	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-B06	21.3	1000	21.3	18.8	16.3	13.8	13.3	12.2	1.0	3.4	6.1	8.9	10.1	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	3.1	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	34.4
		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

系列 Series	理论排量 theoretical displacement ml/r	转速 speed r/min	流量Flow						功率Power					
			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	106.3	104.4	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	-	-

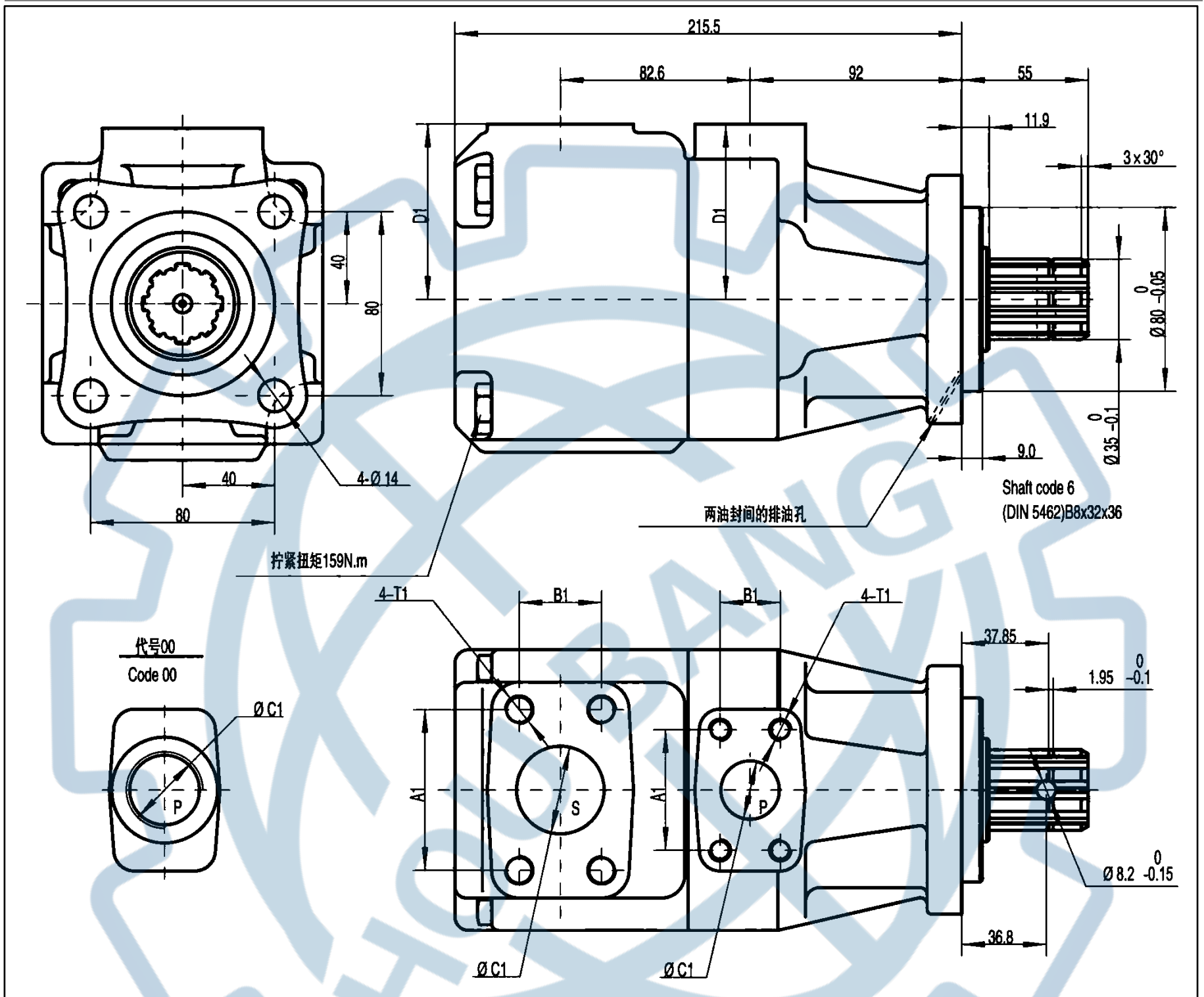


工作性能 Operation Performance

系列Series	理论排量 theoretical displacement ml/r	转速 speed r/min	流量Flow						功率Power			
			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
			L/min	L/min	L/min	L/min	L/min	L/min	KW	KW	KW	KW
T7B(S)-B02	5.8	1000	5.8	4.9	4.2	3.3	-	-	-	0.2	0.9	1.7
		1200	7.0	6.1	5.4	4.5	4.0	-	-	0.4	1.3	2.2
		1500	8.7	7.8	7.1	6.2	5.7	5.2	4.7	0.6	1.7	2.8
		1800	10.4	9.5	8.8	7.9	7.4	6.9	6.4	0.7	2.0	3.4
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
		1200	11.8	10.9	10.2	9.3	8.8	8.3	7.8	0.4	1.8	3.3
		1500	14.7	13.8	13.1	12.2	11.7	11.2	10.7	10.7	2.4	4.2
		1800	17.6	16.7	16.0	15.1	14.6	14.1	13.6	0.8	2.8	5.1
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
		1200	15.4	14.5	13.8	12.9	12.4	11.9	11.4	0.5	2.2	4.2
		1500	19.2	18.3	17.6	16.7	16.2	15.7	15.2	0.7	2.9	5.3
		1800	23.0	22.1	21.4	20.5	20.0	19.5	19.0	0.9	3.4	6.4
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
		1200	19.1	18.2	17.5	16.6	16.1	15.6	15.1	0.5	2.7	5.0
		1500	23.9	23.0	22.3	21.4	20.9	20.4	19.9	0.8	3.4	6.4
		1800	28.6	27.7	27.0	26.1	25.6	25.1	24.6	0.9	4.1	7.7
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
		1200	23.8	22.9	22.2	21.3	20.8	20.3	19.8	0.6	3.2	6.1
		1500	29.7	28.8	28.1	27.2	26.7	26.2	25.7	0.8	4.1	7.7
		1800	35.6	34.7	34.0	33.1	32.6	32.1	31.6	1.0	4.9	9.3
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
		1200	27.0	26.1	25.4	24.5	24.0	23.5	23.0	0.6	3.6	6.9
		1500	33.8	32.9	32.2	31.3	30.8	30.3	29.8	0.9	4.6	8.7
		1800	40.5	39.6	38.9	38.0	37.5	37.0	36.5	1.1	5.5	10.5
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
		1200	29.9	29.0	28.3	27.4	26.9	26.4	25.9	0.6	3.9	7.6
		1500	37.4	36.5	35.8	34.9	34.4	33.9	33.4	0.9	5.0	9.5
		1800	44.8	43.9	43.2	42.3	41.8	41.3	40.8	1.1	6.0	11.5
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
		1200	38.2	37.3	36.6	35.7	35.2	34.7	34.2	0.7	4.9	9.5
		1500	47.7	46.8	46.1	45.2	44.7	44.2	43.7	1.1	6.2	11.9
		1800	57.2	56.3	55.6	54.7	54.2	53.7	53.2	1.3	7.4	14.4
T7B(S)-B12	41.0	1000	41.0	40.1	39.4	38.5	38.0	37.5	-	0.6	5.0	9.9
		1200	49.2	48.3	47.6	46.7	46.2	45.7	-	0.9	6.2	12.1
		1500	61.5	60.6	59.9	59.0	58.5	58.0	-	1.2	7.8	15.2
		1800	73.8	72.9	72.2	71.3	70.8	70.3	-	1.5	9.4	18.2
T7B(S)-B15	50.0	1000	50.0	49.1	48.4	47.5	47.0	46.5	-	0.7	6.0	12.0
		1200	60.0	59.1	58.4	57.5	57	56.5	-	1.0	7.4	14.6
		1500	75.0	74.1	73.4	72.5	72.0	71.5	-	1.4	9.4	18.3
		1800	90.1	89.1	88.4	87.5	87.0	86.5	-	1.7	11.3	22.0



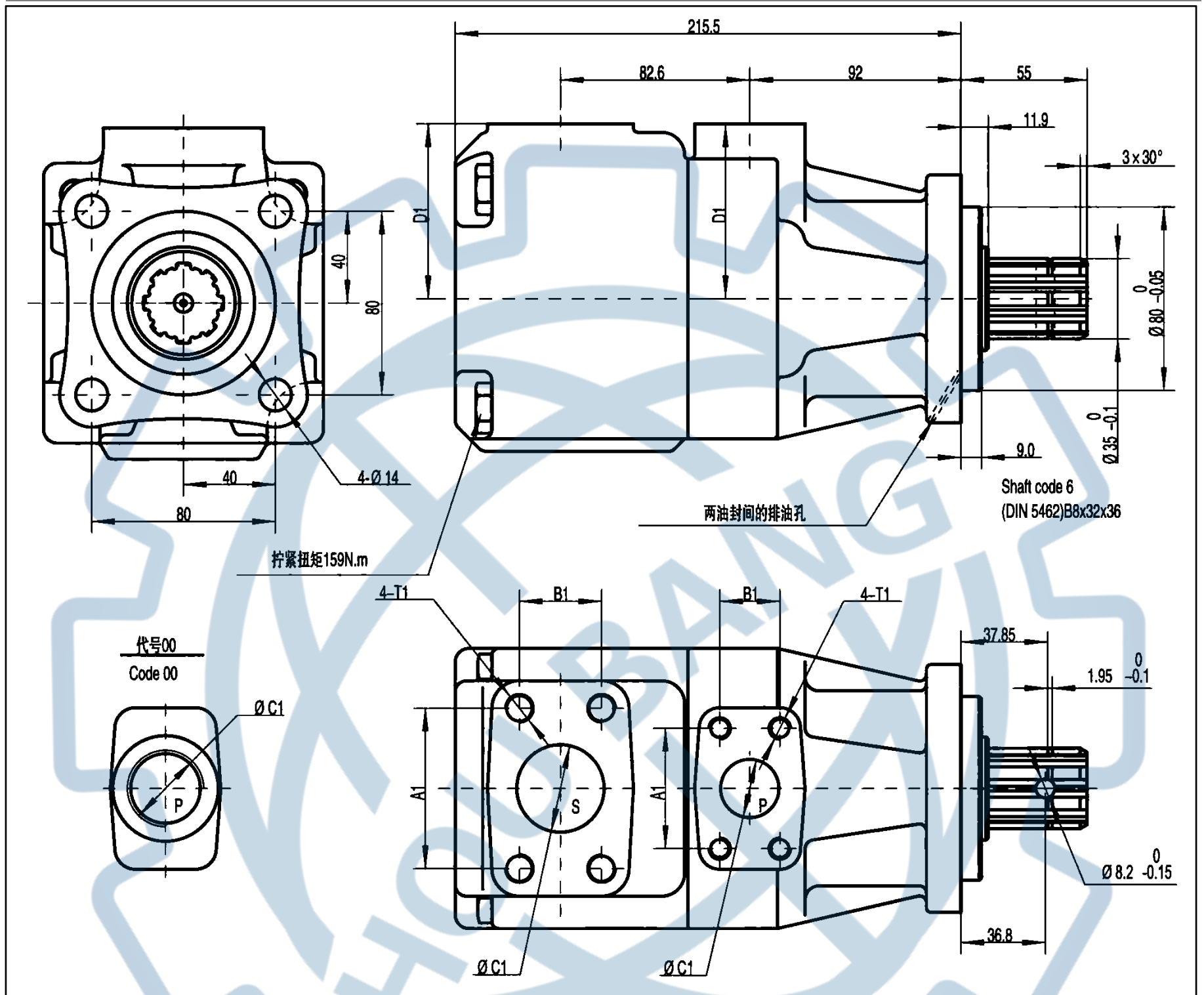
三联泵外形安装尺寸 Triple Pump Outline Dimension



油口Oil port		法兰 Flange	安装尺寸Installation Dimension					
			A1	B1	ΦC1	D1	T1口螺纹 Thread	
T6GC T7GB	P	01:1"	F08	26.2	52.4	25.4	76.2	3/8"-16UNC×19.0
		00:1"BSPP	-	-	-	1"BSPP	79.6	-
	S	1-1/2"	F12	35.7	69.9	38.1	76.2	5/8"-11UNC×30



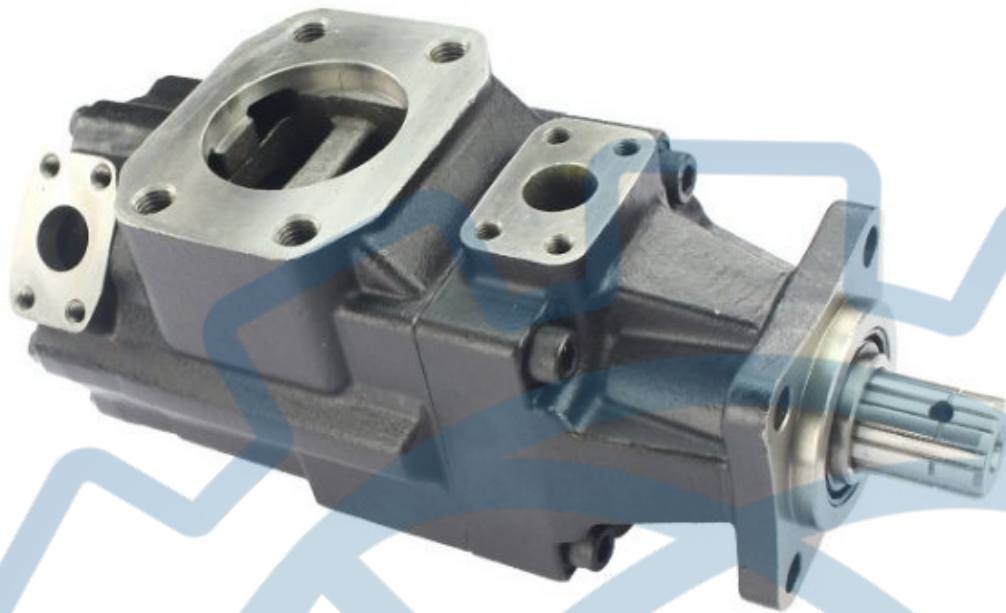
三联泵外形安装尺寸 Triple Pump Outline Dimension



油口 Oil port		法兰 Flange	安装尺寸 Installation Dimension					
			A1	B1	ΦC1	D1	T1口螺纹 Thread	
T6GC T7GB	P	01:1"	F08	26.2	52.4	25.4	76.2	3/8"-16UNC×19.0
		00:1"BSPP	-	-	-	1"BSPP	79.6	-
	S	1-1/2"	F12	35.7	69.9	38.1	76.2	5/8"-11UNC×30



T6GCC/T67GCB/T7GBB系列柱销式双联叶片泵 T6GCC/T67GCB/T7GB Series Double Vane Pump



液压符号
Hydraulic Symbol



描述Introduction

T6GCC/T67GCB/T7GBB系列柱销叶片泵具有体积小、流量大、压力高、噪音低、寿命长、容积效率高特点。采用双唇叶片设计，两唇与定子交变接触。该泵具有规格齐全、性能优良可靠、结构简单合理、安装维修方便等特点，可广泛应用于塑料机械、压铸机械、冶金机械、冶炼机械、压力机械、工程机械、船舶机械及各种液压系统等领域。

T6GCC/T67GCB/T7GBB series pin vane pump has the characteristics of small volume, large flow, high pressure, low noise, long life and high volume efficiency. Double lip blade design, two lips and stator alternating contact. The pump has complete specifications, excellent performance and reliable, simple and reasonable structure, easy installation and maintenance characteristics, can be widely used in plastic machinery, die casting machinery, metallurgical machinery, smelting machinery, pressure machinery, engineering machinery, Marine machinery and various hydraulic systems and other fields.

型号代码Ordering Code

T6GCC	B12	B12	-6	R	00	-B	1	10
系列 Series	轴端泵排量代号 Displacement-Shaft end pump	盖端泵排量代号 Displacement-cover end pump	轴伸形式 Shaft type	旋转方向 Rotation	油口位置 Port position s	设计号 Design number	密封等级 Sealing Class	油口尺寸 port size
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 shaft size	从泵轴端看 View from shaft end R-顺时针 clockwise; L-逆时针 counter clockwise;	见下图 see chart below	B	1-S1：丁腈 橡胶 NBR; 5-S5：氟橡 胶FPM;	00、01、 10、11
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						

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

003/B03: In displacement code, 0 means single steering side plate structure, B means double steering side plate structure

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

Same as equivalent T6 single pump see T6 series single pump performance for reference.



工作性能 Operation Performance

系列 Series	理论排量 theoretical displacement ml/r	转速 speed r/min	流量Flow						功率Power					
			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-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	10.1	11.5
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	10.1	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-B06	21.3	1000	21.3	18.8	16.3	13.8	13.3	12.2	1.0	3.4	6.1	8.9	10.1	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	3.1	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	34.4
		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

系列 Series	理论排量 theoretical displacement ml/r	转速 speed r/min	流量Flow						功率Power					
			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	106.3	104.4	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	-	-

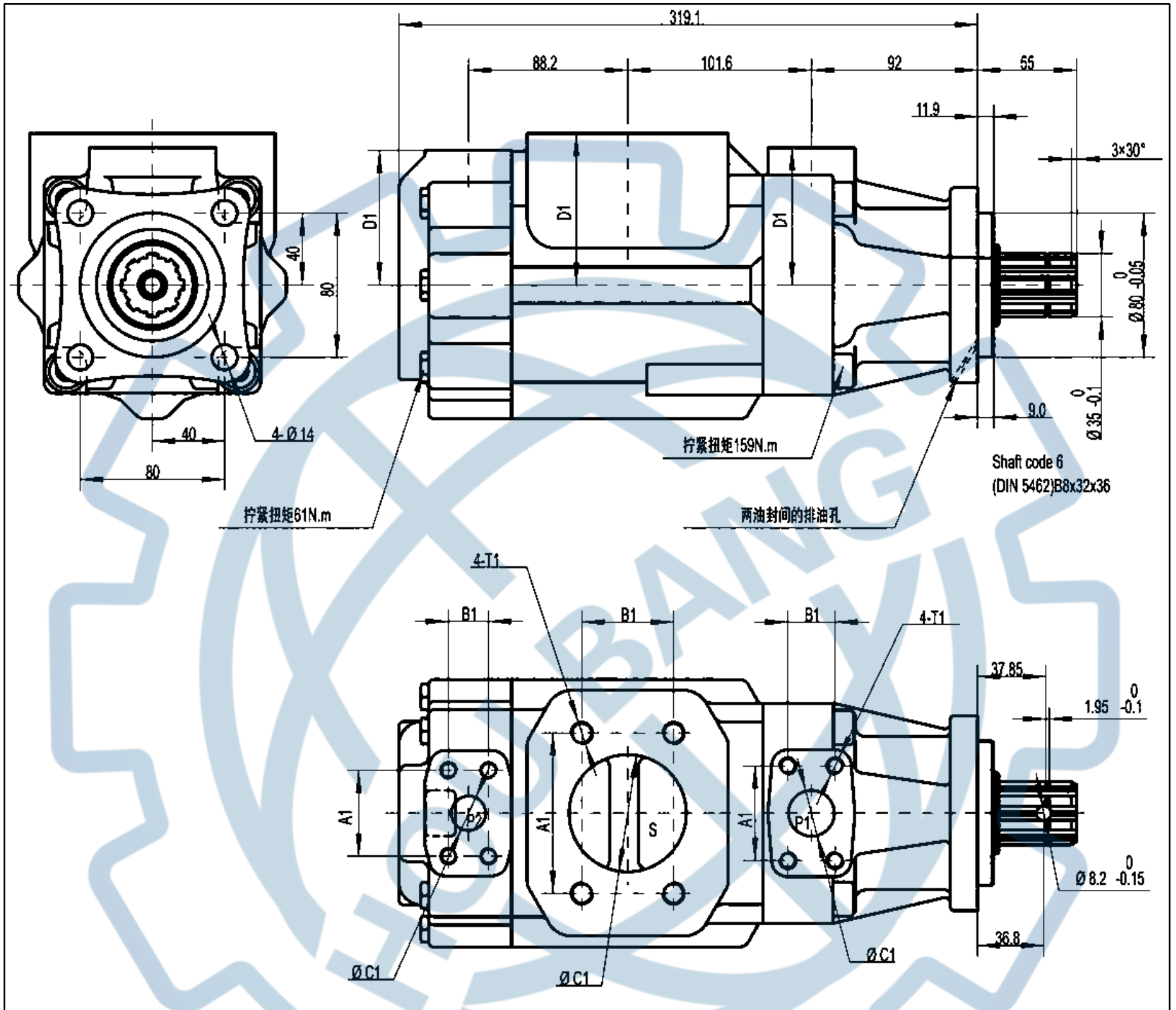


工作性能 Operation Performance

系列Series	理论排量 theoretical displacement ml/r	转速 speed r/min	流量Flow						功率Power			
			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
			L/min	L/min	L/min	L/min	L/min	L/min	KW	KW	KW	KW
T7B(S)-B02	5.8	1000	5.8	4.9	4.2	3.3	-	-	-	0.2	0.9	1.7
		1200	7.0	6.1	5.4	4.5	4.0	-	-	0.4	1.3	2.2
		1500	8.7	7.8	7.1	6.2	5.7	5.2	4.7	0.6	1.7	2.8
		1800	10.4	9.5	8.8	7.9	7.4	6.9	6.4	0.7	2.0	3.4
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
		1200	11.8	10.9	10.2	9.3	8.8	8.3	7.8	0.4	1.8	3.3
		1500	14.7	13.8	13.1	12.2	11.7	11.2	10.7	10.7	2.4	4.2
		1800	17.6	16.7	16.0	15.1	14.6	14.1	13.6	0.8	2.8	5.1
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
		1200	15.4	14.5	13.8	12.9	12.4	11.9	11.4	0.5	2.2	4.2
		1500	19.2	18.3	17.6	16.7	16.2	15.7	15.2	0.7	2.9	5.3
		1800	23.0	22.1	21.4	20.5	20.0	19.5	19.0	0.9	3.4	6.4
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
		1200	19.1	18.2	17.5	16.6	16.1	15.6	15.1	0.5	2.7	5.0
		1500	23.9	23.0	22.3	21.4	20.9	20.4	19.9	0.8	3.4	6.4
		1800	28.6	27.7	27.0	26.1	25.6	25.1	24.6	0.9	4.1	7.7
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
		1200	23.8	22.9	22.2	21.3	20.8	20.3	19.8	0.6	3.2	6.1
		1500	29.7	28.8	28.1	27.2	26.7	26.2	25.7	0.8	4.1	7.7
		1800	35.6	34.7	34.0	33.1	32.6	32.1	31.6	1.0	4.9	9.3
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
		1200	27.0	26.1	25.4	24.5	24.0	23.5	23.0	0.6	3.6	6.9
		1500	33.8	32.9	32.2	31.3	30.8	30.3	29.8	0.9	4.6	8.7
		1800	40.5	39.6	38.9	38.0	37.5	37.0	36.5	1.1	5.5	10.5
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
		1200	29.9	29.0	28.3	27.4	26.9	26.4	25.9	0.6	3.9	7.6
		1500	37.4	36.5	35.8	34.9	34.4	33.9	33.4	0.9	5.0	9.5
		1800	44.8	43.9	43.2	42.3	41.8	41.3	40.8	1.1	6.0	11.5
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
		1200	38.2	37.3	36.6	35.7	35.2	34.7	34.2	0.7	4.9	9.5
		1500	47.7	46.8	46.1	45.2	44.7	44.2	43.7	1.1	6.2	11.9
		1800	57.2	56.3	55.6	54.7	54.2	53.7	53.2	1.3	7.4	14.4
T7B(S)-B12	41.0	1000	41.0	40.1	39.4	38.5	38.0	37.5	-	0.6	5.0	9.9
		1200	49.2	48.3	47.6	46.7	46.2	45.7	-	0.9	6.2	12.1
		1500	61.5	60.6	59.9	59.0	58.5	58.0	-	1.2	7.8	15.2
		1800	73.8	72.9	72.2	71.3	70.8	70.3	-	1.5	9.4	18.2
T7B(S)-B15	50.0	1000	50.0	49.1	48.4	47.5	47.0	46.5	-	0.7	6.0	12.0
		1200	60.0	59.1	58.4	57.5	57	56.5	-	1.0	7.4	14.6
		1500	75.0	74.1	73.4	72.5	72.0	71.5	-	1.4	9.4	18.3
		1800	90.1	89.1	88.4	87.5	87.0	86.5	-	1.7	11.3	22.0



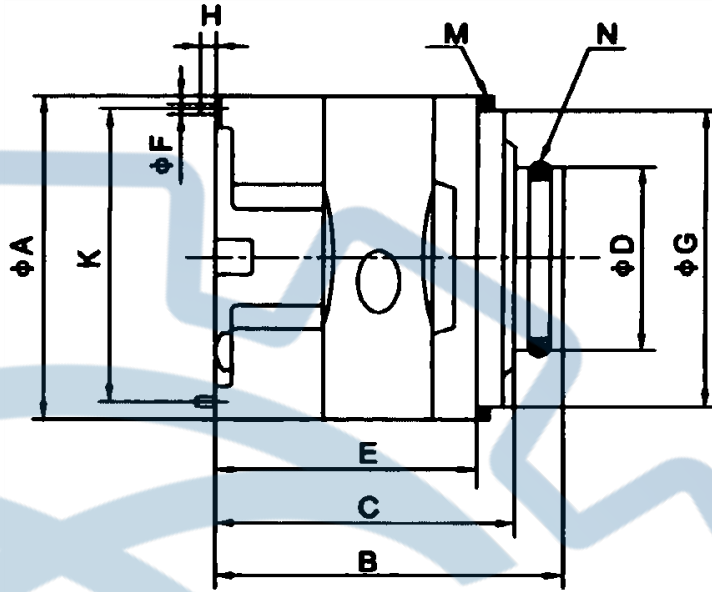
三联泵外形安装尺寸 Triple Pump Outline Dimension



油口 Oil Port		法兰 Flange	安装尺寸(mm) Installation Dimensions (mm)					
			A1	B1	ΦC1	D1	T1口螺纹 Thread	
T6GCC	P1	1"	F08	26.2	52.4	25.4	76.2	3/8"-16UNC×19
T67GCB	P2	01&11 : 3/4"	F06	22.2	47.6	19.1	76.2	3/8"-16UNC×19
		01&10 : 1"	F08	26.2	52.4	25.4	74.7	
T7GBB	S	10&11 : 2-1/2"	F20	50.8	88.9	63.5	84.1	1/2"-13UNC×23.9
		00&01 : 3"	F24	61.9	106.4	76.2	84.1	5/8"-13UNC×28.4



T系列泵芯 T Series Cartridge



型号代码 Ordering Code

前泵芯	T6D	-045	R	1
泵芯名称 Cartridge Name	系列号 Series	排量代号 Displacement Code	旋转方向 Direction of rotation	密封等级 Sealing Class
单泵芯/Cartridge kits of Single pump ; 前泵芯(双联泵或三联泵轴端泵芯) ; Double pump or triple pump shaft end cartridge kits ; 中泵芯 (三联泵中间泵芯) ; Medium cartridge kits of treble pump ; 后泵芯 (双联泵或三联泵盖端泵芯) Cartridge kits of double pump or triple pump cover end ; 单泵芯 /Cartridge kits of Single pump ; 前泵芯(双联泵或三联泵轴端泵芯) ; Double pump or triple pump shaft end cartridge kits ; 中泵芯 (三联泵中间泵芯) ; Medium cartridge kits of treble pump ; 后泵芯 (双联泵或三联泵盖端泵芯) Cartridge kits of double pump or triple ; pump cover end	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): R : 顺时针 Clockwise L : 逆时针 Counter clockwise	1-S1 : 丁晴橡胶 NBR; 5-S5 : 氟橡胶 FPM;
	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、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、022/B22、025/B25、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: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
 003/B03: In displacement code, 0 means single steering side plate structure, B means double steering side plate structure

外形安装尺寸 Outline Dimension

系列号 Series	滑动轴承内径 sliding bearing diameter	ΦA	B	C	ΦD	E	F	ΦG	H	K	M (橡胶平垫圈) Rubber washer	N (橡胶平垫圈) Rubber washer	ΦP	L
单泵芯 T6C\T7B(S)	Φ15.90	95.25	99.4	93.9	61.9	72.1	4.8	89.3	4.8	43.7	88.5×3.53	60×3.53	77.7	5.5
前泵芯 T6CC\T67CB\ T7BB(S)	无滑动轴承													



系列号 Series	滑动轴承内径 sliding bearing diameter	ΦA	B	C	ΦD	E	F	ΦG	H	K	M 橡胶 平垫圈 Rubber washer	N橡胶 平垫圈 Rubber washer	ΦP	L
后泵芯T6CC\T67CB T7BB(S)\T6DCC\ T67DBB\T67DCB\ T6DDCS\T67DDBS\ T6EDC(S)\T67EDB	Φ19.05	95.25	99.4	93.9	61.9	72.1	4.8	89.3	4.8	43.7	88.5×3. 53	60× 3.53	77.7	5.5
后泵T6DC\T7DB(S)\ T7EB(S)\T67DB\ T67DC\T6EC\T67EC \T67EB	Φ22.225													
中泵芯T6DCC\ T67DBB\T67DCB	无滑动轴承		83.4	77.3	52.6	-	4.8	-	4.8	43.7	89×2.4	52× 2.4		
单泵芯T6D\T7D(S) 前泵芯T6DCC\ T67DBB\T67DCB	Φ22.225	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	无此台阶 No	
前泵芯T6DC\T67DB T7DB(S)\T7DD(S)\ T67DC\T6DDCS\ T67DDBS	无滑动轴承													
后泵T6ED\T7DD(S) 中泵芯T6EDC(S)\ T67EDB	Φ28.6													
中泵芯 T6DDCS\T67DDBS 后泵芯T7DD(S)	Φ22.225													
单泵芯T6E\T7E(S)	Φ28.6	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		
前泵芯T6ED\T6EC\ T67EB\T7EB(S)\ T7ED(S)\T7EE(S)\ T6EDC(S)\T67EDB\ T67EC	无滑动轴承													

系列号 Series	转子内花键参数 Internal spline parameter of rotor				
	齿数 Number of teeth	径节 Spline Pitch	压力角 Pressure angle	大径 Major diameter	小径 Minor diameter
前泵芯T6CC\T67CB\T7BB(S) ; 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\T7D(S)\T67CB ; 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



V Series Single Vane Pump



液压符号
Hydraulic signs



描述Introduction

V 系列低噪声叶片泵采用子母式叶片结构，具有结构合理、压力高、运转平稳、噪声低、脉动小、使用寿命长等特点，广泛应用于切削机械、塑料机械、皮革机械、压力机械、工程机械、冶金机械等高性能工业设备的液压系统。

V Series vane pumps with lower noise are intra vane pumps, featured by advanced performance, high pressure, stable operation, lower noise, ultra-low pulse, long life-span and so on, and are widely used in cutting, plastic, leather, pressure, engineering, metallurgical machinery fields, and the like.

型号代码Ordering Code

2 5 V - 2 1 - A 1 - A 2 0 R

转向Rotation
L:逆时针Counterclockwise R:顺时针Clockwise

设计号Design no.

出油口 Outlet of cover end pump:
A、B、C、D

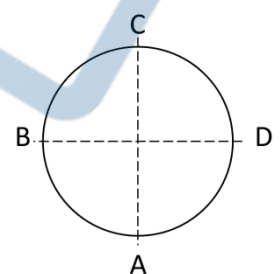
轴伸形式 Form of shaft:

油口连接 Port connections :A-四螺
栓法兰 4 bolt flange

单泵公称排量 (mL/r)
Displacement of shaft end pump

系列叶片泵Series vane pumps

油口方向示意
Direction of port



面对泵盖端
Faced with cover end

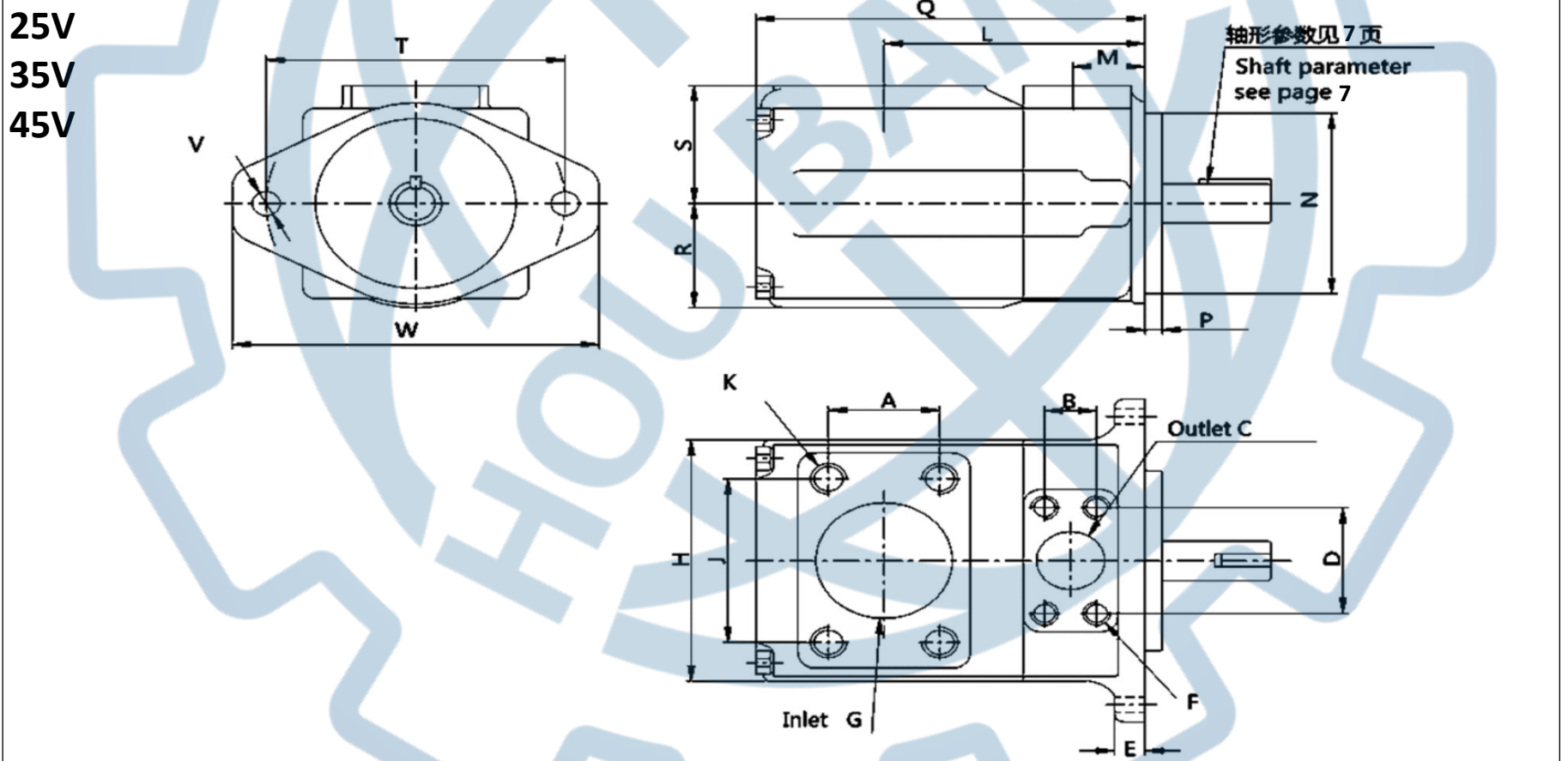
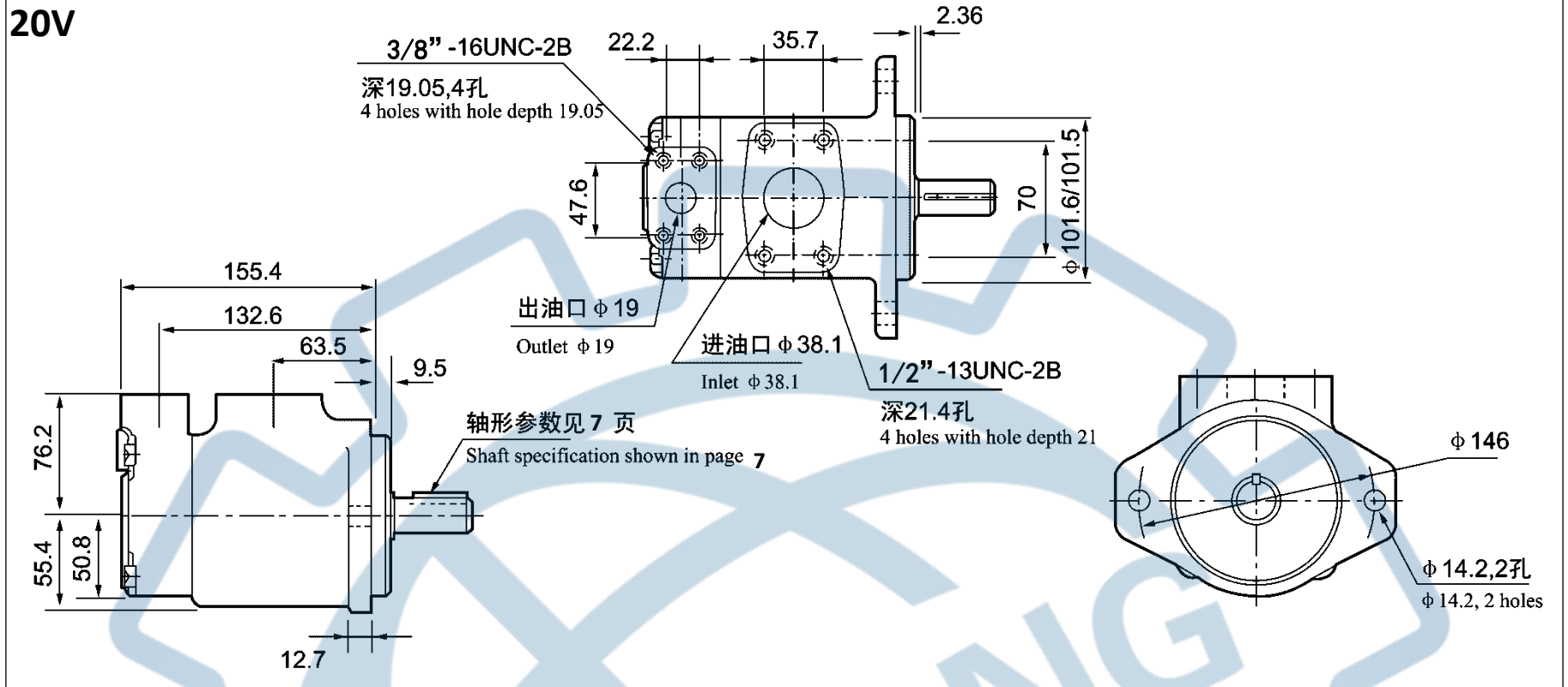


单泵技术参数 Specification

系列号 Series	排量代号 Displacement code	理论排量 Geometric displacement ml/r	抗磨液压油或磷酸脂 With anti-wear hydraulic oil or phospholipid		水乙二醇液 With water glycol-fluid		油包水乳化液 With water-oil emulsions		最低转速 Min speed r/min	重量 Weight kg
			最高压力 Max pressure (Mpa)	最高转速 Max speed (r/min)	最高压力 Max pressure (Mpa)	最高转速 Max speed (r/min)	最高压力 Max pressure (Mpa)	最高转速 Max speed (r/min)		
20V	2	7.5	13.8	1800	13.8	1500	6.9	1200	600	12
	3	10								
	4	13								
	5	17	20.7	1800	15.9	1500	6.9	1200	600	12
	6	19								
	7	23								
	8	27								
	9	30	15.9	1800	13.8	1500	6.9	1200	600	12
	10	32.5								
	11	36								
	12	40	17.2	1800	15.9	1500	6.9	1200	600	14.8
14	45									
15	45									
17	55									
25V	10	32.5	17.2	1800	15.9	1500	6.9	1200	600	14.8
	12	40								
	14	43								
	15	45								
	17	55								
	19	59								
	21	67								
35V	21	67	17.2	1800	15.9	1500	6.9	1200	600	22.7
	25	81								
	30	97								
	32	100								
	35	112								
	38	121								
	45	142								
45V	42	138	17.2	1800	15.9	1500	6.9	1200	600	34
	45	142								
	50	162								
	57	183								
	60	193								
	66	212								
	75	237								



单泵外形安装尺寸 Single Pump Outline Dimension

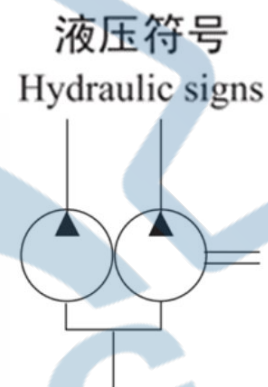


系列号 Model	A	B	C	D	E	ϕG	H	J	L	M	N
25V	35.7	26.2	$\phi 25.4$	52.4	12.7	38.1	118	69.9	121	38.1	101.6/101.55
35V	42.9	30.2	$\phi 31.8$	58.7	16	50.8	140	77.8	125.5	38.1	127.00/126.95
45V	61.9	35.7	$\phi 38.1$	69.9	16	76.2	159	106.4	153	43	127.00/26.95

系列号 Model	P	Q	R	S	T	ϕV	W	ϕF *螺纹深度 ϕF *full thread depth	ϕK *螺纹深度 ϕK *full thread depth
25V	9.53	162.1	63.5	76.2	146	14.2	175	3/8-6UNC-2B \times 19.1	1/2-13UNC-2B \times 21
35V	9.53	185	69.9	82.6	181	17.5	213	1/2-13UNC-2B \times 23.8	7/16-14UNC-2B \times 22.3
45V	12.7	216	82.6	93.7	181	17.5	213	5/8-14UNC-2B \times 22.3	1/2-13UNC-2B \times 23.8



V Series Double Vane Pump



描述Introduction

V 系列低噪声叶片泵采用子母式叶片结构，具有结构合理、压力高、运转平稳、噪声低、脉动小、使用寿命长等特点，广泛应用于切削机械、塑料机械、皮革机械、压力机械、工程机械、冶金机械等高性能工业设备的液压系统。

V Series vane pumps with lower noise are intra vane pumps, featured by advanced performance, high pressure, stable operation, lower noise, ultra-low pulse, long life-span and so on, and are widely used in cutting, plastic, leather, pressure, engineering, metallurgical machinery fields, and the like.

型号代码Ordering Code

2520V - 21 - A 10 - 1 A A R

转向Rotation
L:逆时针Counterclockwise
R:顺时针Clockwise

双泵的盖端泵出油口 Outlet of cover end pump:
A、B、C、D

进油口Inlet: A、B、C、D

轴伸形式 Form of shaft:

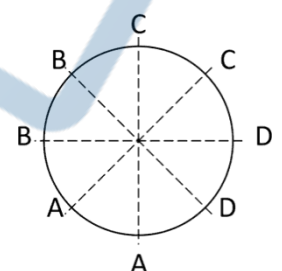
双泵的后泵公称排量. (mL/r)
Displacement of double pump cover end pump

油口连接 Port connections :A-四螺
栓法兰 4 bolt flange

双泵轴端泵公称排量 (mL/r)
Displacement of shaft end pump

系列叶片泵Series vane pumps

油口方向示意
Direction of port



面对泵盖端
Faced with cover end



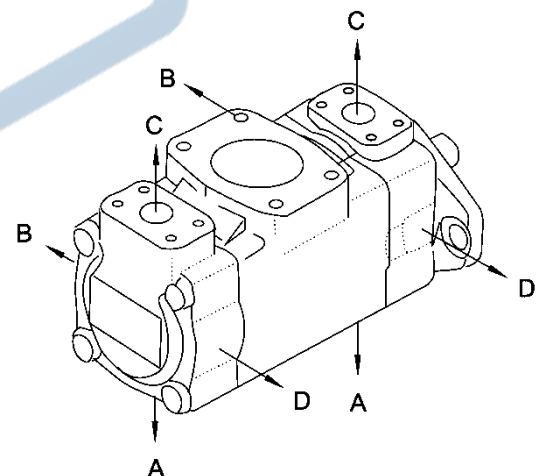
双联泵技术参数 Double Pump Specification

系列代号 Series	轴端泵排量代号 Displacement code of shaft end pump	盖端泵排量代号 Displacement code of cover end pump
2520V	10、12、14、15、17、19、21	2、3、4、5、6、7、8、9、10、11、12、14
3520V	21、25、30、32、35、38、45	2、3、4、5、6、7、8、9、10、11、12、14
3525V	21、25、30、32、35、38、45	10、12、14、15、17、19、21
4520V	42、45、50、57、60、66、75	2、3、4、5、6、7、8、9、10、11、12、14
4525V	42、45、50、57、60、66、75	10、12、14、15、17、19、21
4535V	42、45、50、57、60、66、75	21、25、30、32、35、38、45

出油口位置(从泵盖端看) Outlet positions (from cover end of pump)

出油口位置 outlet positions	除4535V系列外所有系列 All series except 4535V series	4535V	
第一出油口在进油口对面 No.1 outlet is opposite inlet	AA 第二出油口在进油口逆时针转135° No.2 outlet 135° CCW from inlet	第二出油口在进油口对面 No.2 outlet is opposite inlet	
	AB 第二出油口在进油口逆时针转45° No.2 outlet 45° CCW from inlet	第二出油口在进油口逆时针转90° No.2 outlet 90° CCW from inlet	
	AC 第二出油口在进油口顺时针转45° No.2 outlet 45° CW from inlet	第二出油口在进油口同侧 NO.2 outlet is inline with inlet	
	AD 第二出油口在进油口顺时针转135° No.2 outlet 135° CW from inlet	第二出油口在进油口顺时针转90° No.2 outlet 90° CW from inlet	
第一出油口从进油口逆时针转90° No.1 outlet 90° CCW from inlet	BA 第二出油口在进油口逆时针转135° No.2 outlet 135° CCW from inlet	第二出油口在进油口对面 No.2 outlet is opposite inlet	
	BB 第二出油口在进油口逆时针转45° No.2 outlet 45° CCW from inlet	第二出油口在进油口逆时针转90° No.2 outlet 90° CCW from inlet	
	BC 第二出油口在进油口顺时针转45° No.2 outlet 45° CW from inlet	第二出油口在进油口同侧 NO.2 outlet is inline with inlet	
	BD 第二出油口在进油口顺时针转135° No.2 outlet 135° CW from inlet	第二出油口在进油口顺时针转90° No.2 outlet 90° CW from inlet	
第一出油口在进油口同侧 No.1 outlet is inline with inlet	CA 第二出油口在进油口逆时针转135° No.2 outlet 135° CCW from inlet	第二出油口在进油口对面 No.2 outlet is opposite inlet	
	CB 第二出油口在进油口逆时针转45° No.2 outlet 45° CCW from inlet	第二出油口在进油口逆时针转90° No.2 outlet 90° CCW from inlet	
	CC 第二出油口在进油口顺时针转45° No.2 outlet 45° CW from inlet	第二出油口在进油口同侧 NO.2 outlet is inline with inlet	
	CD 第二出油口在进油口顺时针转135° No.2 outlet 135° CW from inlet	第二出油口在进油口顺时针转90° No.2 outlet 90° CW from inlet	
第一出油口从进油口顺时针转90° No.1 outlet 90° CW from inlet	DA 第二出油口在进油口逆时针转135° No.2 outlet 135° CCW from inlet	第二出油口在进油口对面 No.2 outlet is opposite inlet	
	DB 第二出油口在进油口逆时针转45° No.2 outlet 45° CCW from inlet	第二出油口在进油口逆时针转90° No.2 outlet 90° CCW from inlet	
	DC 第二出油口在进油口顺时针转45° No.2 outlet 45° CW from inlet	第二出油口在进油口同侧 NO.2 outlet is inline with inlet	
	DD 第二出油口在进油口顺时针转135° No.2 outlet 135° CW from inlet	第二出油口在进油口顺时针转90° No.2 outlet 90° CW from inlet	

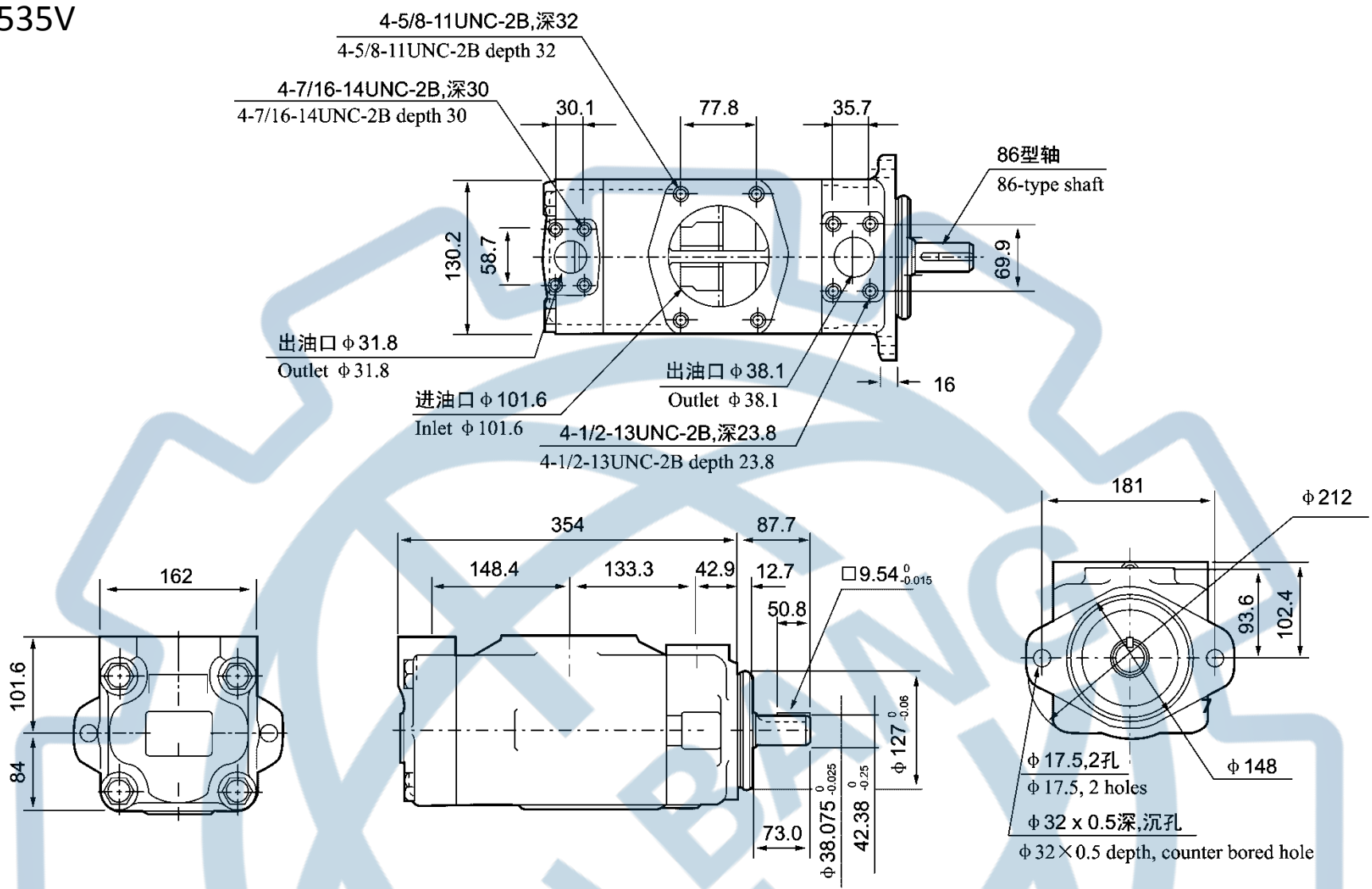
4535V



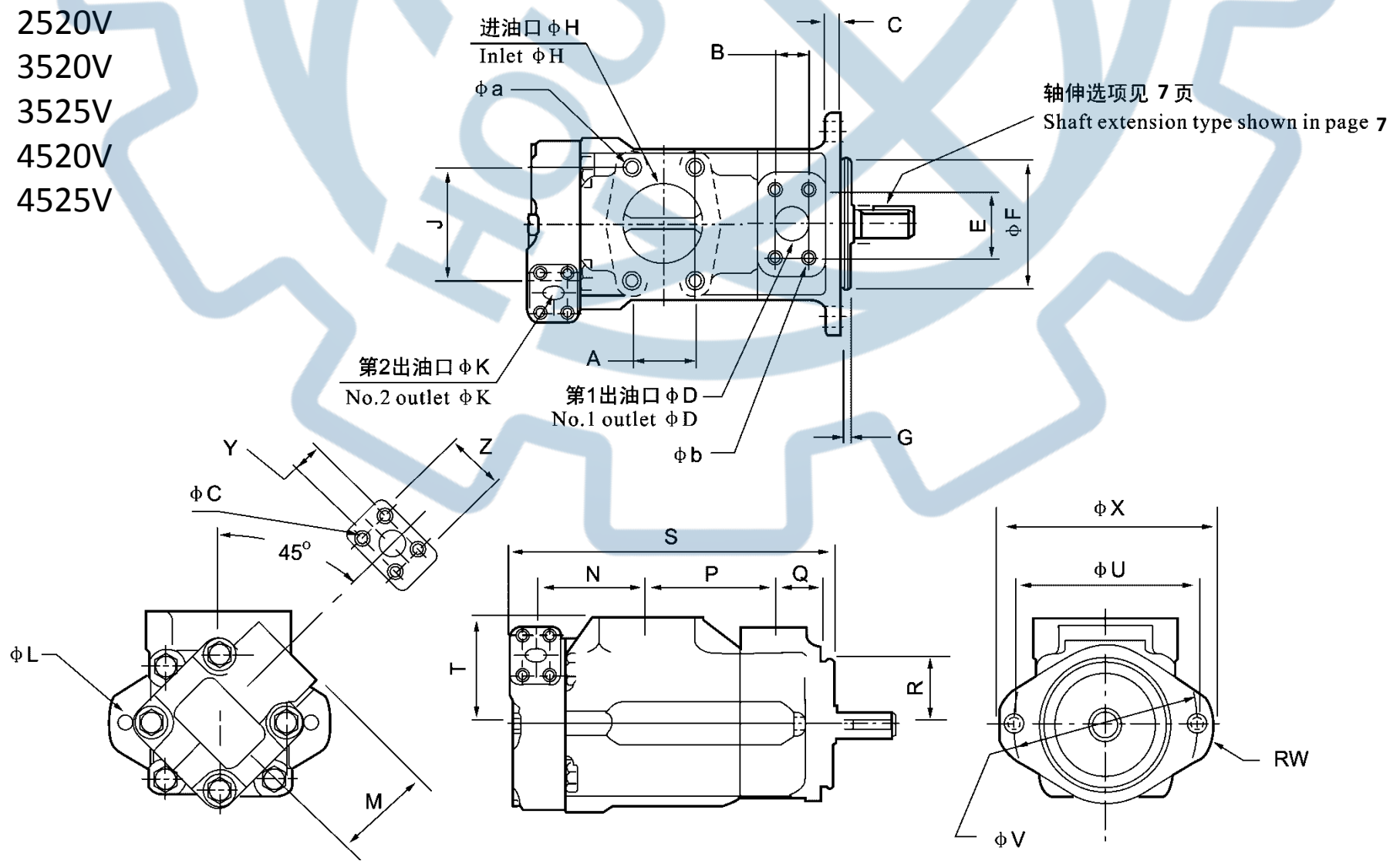


双联泵外形安装尺寸 Double Pump Outline Dimension

4535V



2520V
3520V
3525V
4520V
4525V



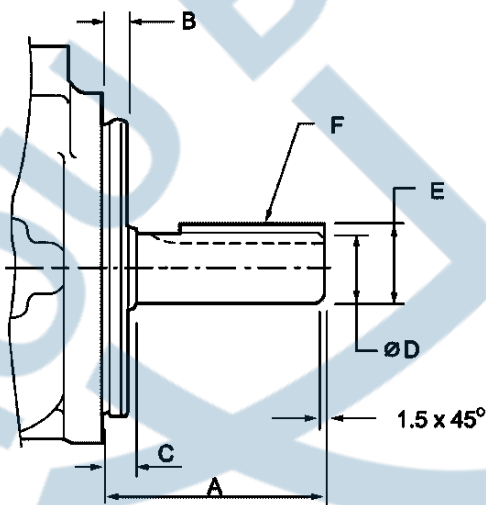


系列号 Model	a	b	c	A	B	C	P1	E	F	G
2520V	1/2-13UNC-2B×23.8	3/8-16UNC-2B×19.1	3/8-16UNC-2B×19.1	50.8	26.2	12.7	Φ25.4	52.4	101.6	9.53
3520V	5/8-11UNC-2B×28.5	7/16-14UNC-2B×22.2	3/8-16UNC-2B×19.1	62	30.1	15.9	Φ31.7	58.7	127.00	9.53
3525V	5/8-11UNC-2B×28.5	7/16-14UNC-2B×22.2	3/8-16UNC-2B×19.1	62	30.1	15.9	Φ31.7	58.7	127.00	9.53
4520V	5/8-11UNC-2B×32	1/2-13UNC-2B×23.8	3/8-16UNC-2B×19.1	69.9	35.7	15.9	Φ38.1	69.9	127.00	12.7
4525V	5/8-11UNC-2B×32	1/2-13UNC-2B×23.8	3/8-16UNC-2B×19.1	69.9	35.7	15.9	Φ38.1	69.9	127.00	12.7

系列号 Model	P	J	P2	L	M	N	O	Q	R	S	T	U	X	Y	Z
2520V	Φ63.5	88.9	Φ19.1	Φ14.2	76.2	88.1	101.6	38.1	76.2	250	85.3	Φ146.1	174.7	22.2	47.6
3520V	Φ76.2	106.3	Φ19.1	Φ17.5	76.2	99.6	114.3	38.1	82.6	273.3	84	Φ181	213	22.2	47.6
3525V	Φ76.2	106.3	Φ25.4	Φ17.5	74.7	109.5	114.3	38.1	82.6	287.3	88.9	Φ181	213	26.2	52.4
4520V	Φ88.9	120.6	Φ19.1	Φ17.5	76.2	120	119.4	42.9	93.7	303.5	102.4	Φ181	213	22.2	47.6
4525V	Φ88.9	120.6	Φ25.4	Φ17.5	74.7	136	119.4	42.9	93.7	325	102.4	Φ181	213	26.2	52.4

Form of shaft轴伸形式

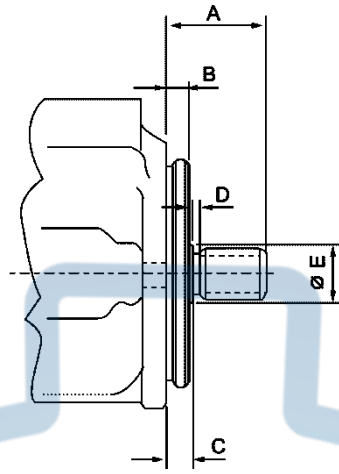
平键直轴 Str. Key shaft



型号 Model	轴伸代号 Cold of shaft	A	B	C	D	E	F 键 Key 宽×长(W×L)
20V	1	59	9.5	12.0	22.225/22.20	24.5/24.35	4.75×32
25V, 2520V	1	59	9.5	11.0	22.225/22.20	24.5/24.35	4.75×32
	86	78	9.5	11.0	25.4/25.37	28.3/28.2	6.35×50.8
35V ,3520V,3525V	1	73.2	9.5	11.1	31.75/31.72	35.25/35.10	7.94×40
	86	86.4	9.5	11.1	34.90/34.87	38.4/38.15	7.94×54
45V ,4520V, 4525V, 4535V	1	62	12.7	14.2	31.75/31.70	35.25/35.10	7.94×28.5
	86	87.4	12.7	14.2	38.075/38.05	42.4/42.25	9.54×50.8

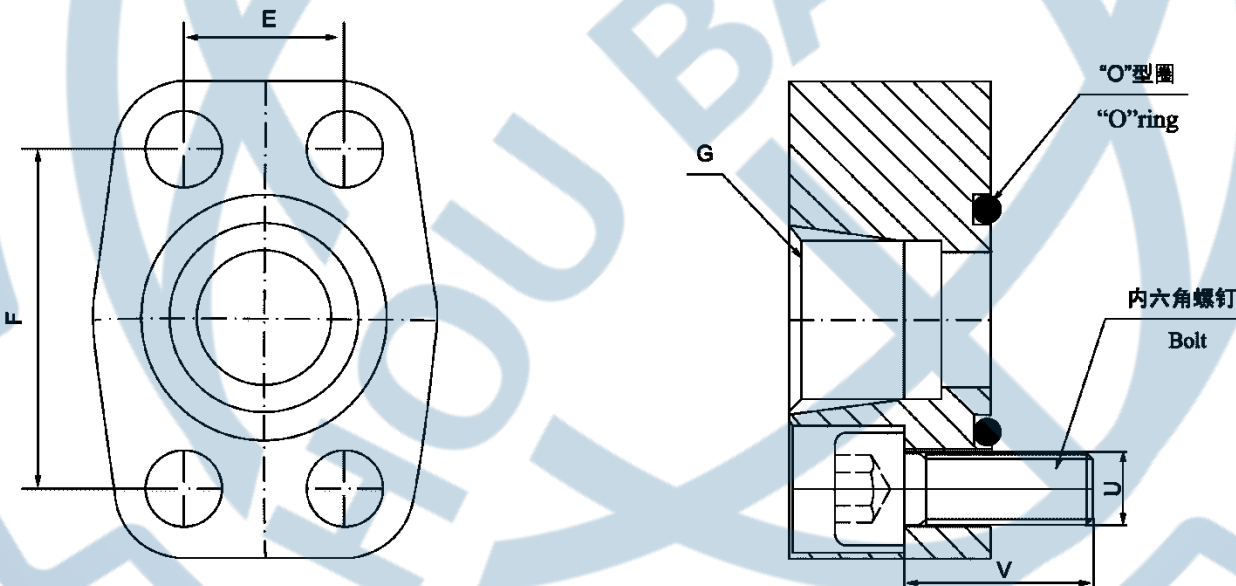


花键轴 Spline shaft



型号 Model	轴伸代号 Cold of shaft	A	B	C	D	E	花键数据				
							齿数 Teeth	径节 Pitch	大径 Major Diameter	小径 Minor Diameter	平齿根 配合 Flats root fit
20V	151	41.1	9.5	11.1	3.9	27.8	13	16/32	22.17/22.15	18.63/18.35	大径配合 Large diameter fit
25V,2520V	11	44.5	9.5	11.1	3.9	27.8	13	16/32	22.17/22.15	18.63/18.35	
35V,35**V	11	58.7	9.5	11.1	6.35	35.1	14	12/24	31.7/31.67	26.99/26.64	
45V, 45**V,	11	61.9	12.7	14.3	9.7	39.6	14	12/24	31.7/31.67	26.99/26.64	

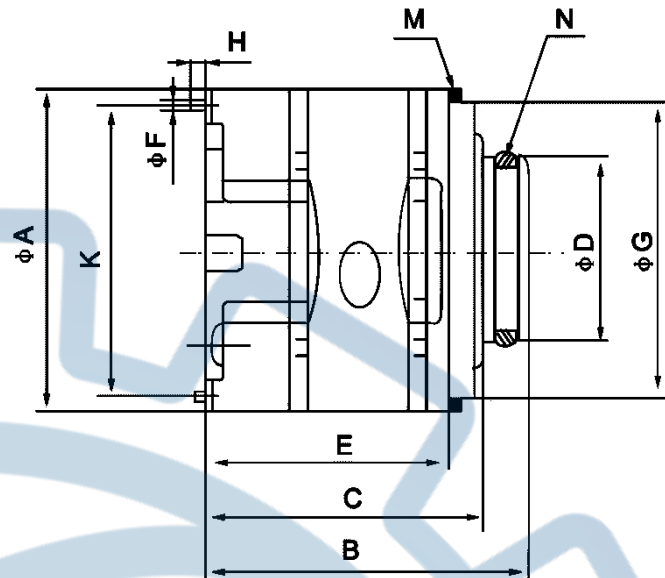
法兰连接尺寸



配泵的型号 Model	尺寸 Dimension (mm)			内六角螺钉 Bolt		O型圈 (内径x线径) oring
	E	F	G	u	V(mm)	
20V 出油口 Outlet	22.22	47.6	3/4	3/8-16UNC	30	28X3.55
25V 出油口 Outlet	26.2	52.4	1	3/8-16UNC	30	34.5X3.55
35V 出油口 Outlet	30.2	58.7	1-1/4	7/16-14UNC	35	40X3.55
20V, 25V, 45V 出油口Outlet	35.7	69.9	1-1/2	1/2-13UNC	40	50X3.55
35V进油 口 inlet	42.9	77.8	2	1/2-13UNC	40	63.09X3.55
45V, 3520V, 3525V 出油口Outlet	62	106.4	3	5/8-11 UNO	45	82.5X3.55
2520V 进油口 inlet	50.8	88.9	2-1/2	1/2-13UNC	45	71X3.55
4520V, (4525) V(进油口inlet	69.9	120.6	3-1/2	5/8-11 UNO	50	100X3.55
4535V 进油口 inlet	77.8	130.2	4	5/8-11UNC	50	115X3.55



V Series Cartridge Kits



型号代码 Ordering Code

PC - 25V 17 - R

转向Rotation

L:逆时针Counterclockwise R:顺时针Clockwise

公称排量. (mL/r) Displacement pump

系列叶片泵Series vane pumps

泵芯标记Cartridge Mark

PC:单泵泵芯或双联泵轴端泵芯Single pump cartridge kits or double pump shaft end pump cartridge kits

PCT:双联泵盖端泵芯Double pump cover end pump cartridge kits

泵芯外形安装尺寸 Cartridge Kits Outline Dimension

系列号 Series	ΦA	B	C	ΦD	E	F	ΦG	H	K	M (档圈 Gasket)	N (O 形圈) O Ring
20V	82.55	81.5	70.1	47	61.5	4.8	76.2	7	73.6	82.76×76.26×3.5	40×3.55
25V	96.8	98.8	87	52.2	71.2	4.8	90.5	7	88.19	97×91×3.5	44×3.53
35V	114.3	117.7	105	72.2	90.3	6.4	108	8	103.94	114.5×108.5×3.5	63.09×3.53
45V	133.35	141.1	129.6	80.2	105.3	6.4	127	8	123.8	133.6×127.6×3.5	71×3.55

系列号 Series	转子内花键参数 Internal spline parameter of rotor				
	齿数 Number of teeth	模数Modulus	压力角 Pressure angle	大径 Major diameter	小径 Minor diameter
20V	30	48/96	45°	16.617	15.56
25V	40	48/96	45°	21.9	20.86
35V	37	40/80	45°	24.38	23.10
45V	14	12/24	30°	32.59	27.60



VQ Series Single Vane Pump



液压符号
Hydraulic signs



描述Introduction

VQ 系列是专为工程机械开发的高压高性能子母叶片泵，适用于工程机 械，尤其是行走机械。功能特点：

VQ Series vane pumps with high performance and high pressure which designed for cons traction machinery especially for mobil machinery.

Features:

1.结构设计为子母叶片，最大程度降低了叶片对定子的高压冲击，在中高压和高转速下，性能更稳定，寿命更长。

1.Designed by intra-vane structure, reduce the vane pressure to rotor, makes stable performance and longer life in high speed and pressure.

2.采用浮动侧板，自动补偿间隙，达到压力平衡，实现高转速，高压力，最高达到21MPa。

2.To adopt foliating structure for side plate, will do a compensation for end-face clearance by automatic, makes high speed and high pressure which can up to 21 Mpa.

3.侧板采用双金属挠性材料，提高抗咬合性能，排量齐全，插装式结构的泵芯，高精度的零部件，使用灵活，维修方便。3.The plate is made of dual-metal material, improved the seizure resistance. Complete displacement, composite structure and high priecieise spare parts allows convenient maintenance.

型号代码Ordering Code

25 VQ - 21 - A 1 - A 2.0 R

转向Rotation

L:逆时针Counterclockwise R:顺时针Clockwise

设计号Design no.

出油口 Outlet of cover end pump:

A、B、C、D

轴伸形式 Form of shaft:

油口连接 Port connections :A-四螺
栓法兰 4 bolt flange

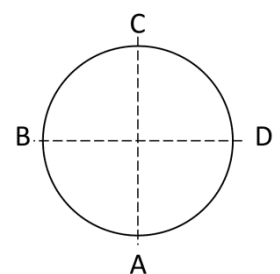
单泵公称排量 (mL/r)

Displacement of shaft end pump

系列叶片泵Series vane pumps

油口方向示意

Direction of port



面对泵盖端

Faced with cover end



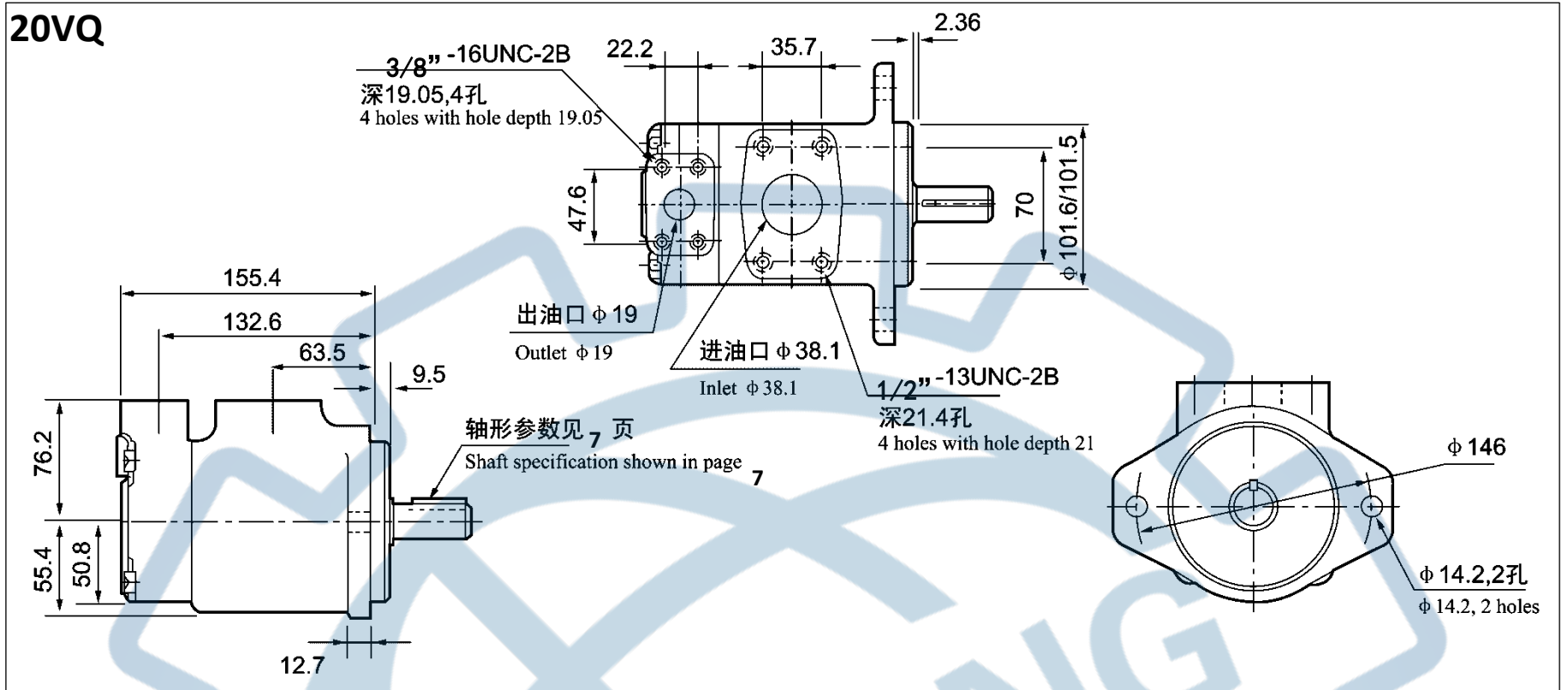
单泵技术参数Specification

系列号 Series	排量代号 Displacement code	理论排量 Geometric displacement ml/r	抗磨液压油或磷酸脂 With anti-wear hydraulic oil or phospholipid		最低转速 Min speed r/min	重量 Weight (kg)
			最高压力 Max pressure(Mpa)	最高转速 Max speed(r/min)		
20VQ	2	7.5	14	2700	600	12
	3	10				
	4	13				
	5	17				
	6	19				
	7	23				
	8	27				
	9	30				
	10	32.5				
	11	36				
	12	40				
14	45	14				
25VQ	10	32.5	21	2700	800	14.8
	12	38.3				
	14	43.3				
	15	47.3				
	17	52.5		2500		
	19	60				
	21	65				
	25	78.6				
35VQ	21	64	21	2500	600	22.7
	25	79.2				
	30	95				
	32	101		2400		
	35	109				
	38	118				
	45	142				
45VQ	42	134	17.5	2200	600	34
	45	142				
	50	156				
	57	180				
	60	189				
	66	208				
	75	237				



单泵外形安装尺寸 Single Pump Outline Dimension

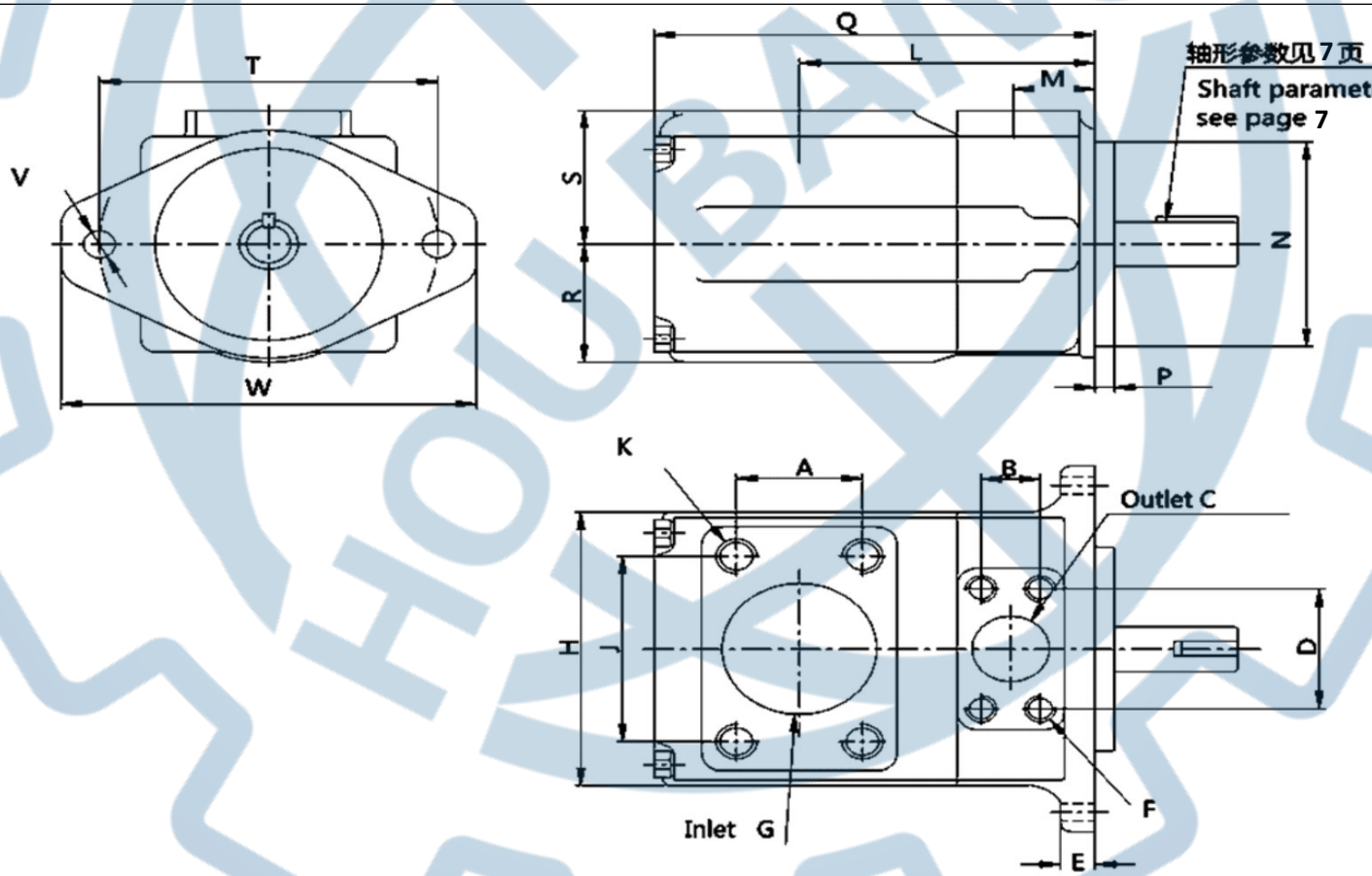
20VQ



25VQ

35VQ

45VQ

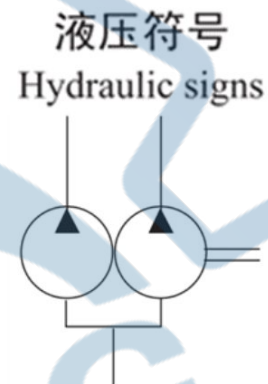


系列号 Model	A	B	C	D	E	ϕG	H	J	L	M	N
25VQ	35.7	26.2	$\phi 25.4$	52.4	12.7	38.1	118	69.9	121	38.1	101.6/101.55
35VQ	42.9	30.2	$\phi 31.8$	58.7	16	50.8	140	77.8	125.5	38.1	127.00/126.95
45VQ	61.9	35.7	$\phi 38.1$	69.9	16	76.2	159	106.4	153	43	127.00/26.95

系列号 Model	P	Q	R	S	T	ϕV	W	ϕF *螺纹深度 ϕF *full thread depth	ϕK *螺纹深度 ϕK *full thread depth
25VQ	9.53	162.1	63.5	76.2	146	14.2	175	3/8-6UNC-2B \times 19.1	1/2-13UNC-2B \times 21
35VQ	9.53	185	69.9	82.6	181	17.5	213	1/2-13UNC-2B \times 23.8	7/16-14UNC-2B \times 22.3
45VQ	12.7	216	82.6	93.7	181	17.5	213	5/8-14UNC-2B \times 22.3	1/2-13UNC-2B \times 23.8



VQ Series Double Vane Pump



描述Introduction

VQ 系列是专为工程机械开发的高压高性能子母叶片泵，适用于工程机械，尤其是行走机械。功能特点：

VQ Series vane pumps with high performance and high pressure which designed for construction machinery especially for mobile machinery. Features:

1.结构设计为子母叶片，最大程度降低了叶片对定子的高压冲击，在中高压和高转速下，性能更稳定，寿命更长。

1.Designed by intra-vane structure, reduce the vane pressure to rotor, makes stable performance and longer life in high speed and pressure.

2.采用浮动侧板，自动补偿间隙，达到压力平衡，实现高转速，高压，最高达到21MPa。

2.To adopt floating structure for side plate, will do a compensation for end-face clearance by automatic, makes high speed and high pressure which can up to 21 Mpa.

3.侧板采用双金属挠性材料，提高抗咬合性能，排量齐全，插装式结构的泵芯，高精度的零部件，使用灵活，维修方便。3.The plate is made of dual-metal material, improved the seizure resistance. Complete displacement, composite structure and high precise spare parts allows convenient maintenance.

型号代码Ordering Code

2520VQ - 21 - A 10 - 1 A A R

转向Rotation

L:逆时针Counterclockwise

R:顺时针Clockwise

双泵的盖端泵出油口 Outlet of cover end pump:

A、B、C、D

进油口Inlet: A、B、C、D

轴伸形式 Form of shaft:

双泵的后泵公称排量. (mL/r)

Displacement of double pump cover end pump

油口连接 Port connections :A-四螺

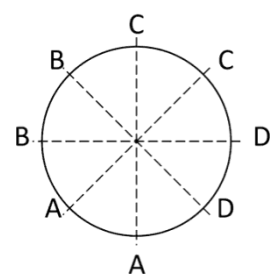
栓法兰 4 bolt flange

双泵轴端泵公称排量 (mL/r)

Displacement of shaft end pump

系列叶片泵Series vane pumps

油口方向示意
Direction of port



面对泵盖端
Faced with cover end



双联泵技术参数 Double Pump Specification

系列代号 Series	轴端泵排量代号 Displacement code of shaft end pump	盖端泵排量代号 Displacement code of cover end pump
2520VQ	10、12、14、15、17、19、21	2、3、4、5、6、7、8、9、10、11、12、14
3520VQ	21、25、30、32、35、38、45	2、3、4、5、6、7、8、9、10、11、12、14
3525VQ	21、25、30、32、35、38、45	10、12、14、15、17、19、21
4520VQ	42、45、50、57、60、66、75	2、3、4、5、6、7、8、9、10、11、12、14
4525VQ	42、45、50、57、60、66、75	10、12、14、15、17、19、21
4535VQ	42、45、50、57、60、66、75	21、25、30、32、35、38、45

出油口位置(从泵盖端看) Outlet positions (from cover end of pump)

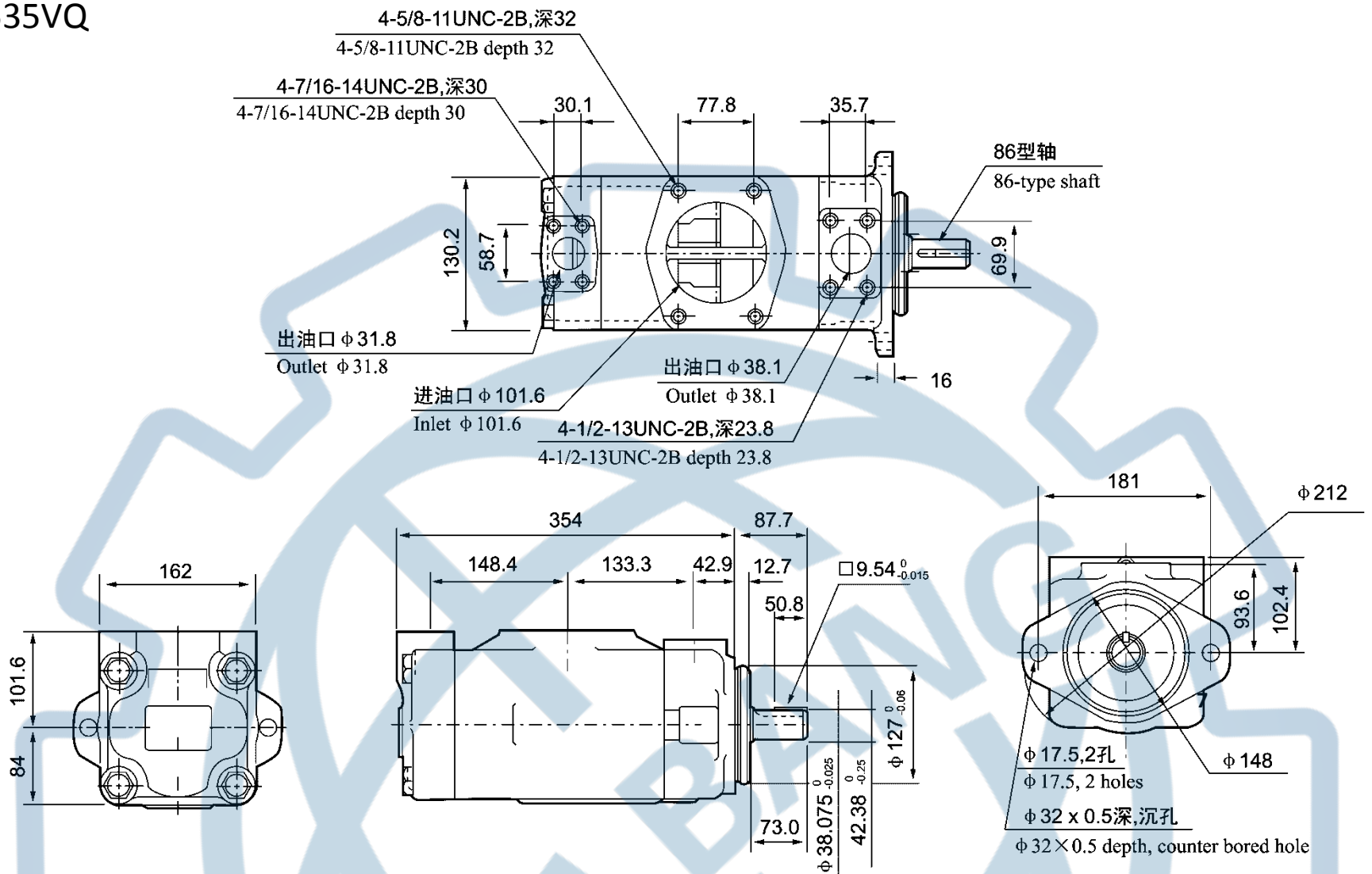
出油口位置 outlet positions	除4535V系列外所有系列 All series except 4535V series	4535V	
第一出油口在进油口对面 No.1 outlet is opposite inlet	AA 第二出油口在进油口逆时针转135° No.2 outlet 135° CCW from inlet	第二出油口在进油口对面 No.2 outlet is opposite inlet	
	AB 第二出油口在进油口逆时针转45° No.2 outlet 45° CCW from inlet	第二出油口在进油口逆时针转90° No.2 outlet 90° CCW from inlet	
	AC 第二出油口在进油口顺时针转45° No.2 outlet 45° CW from inlet	第二出油口在进油口同侧 NO.2 outlet is inline with inlet	
	AD 第二出油口在进油口顺时针转135° No.2 outlet 135° CW from inlet	第二出油口在进油口顺时针转90° No.2 outlet 90° CW from inlet	
第一出油口从进油口逆时针转90° No.1 outlet 90° CCW from inlet	BA 第二出油口在进油口逆时针转135° No.2 outlet 135° CCW from inlet	第二出油口在进油口对面 No.2 outlet is opposite inlet	
	BB 第二出油口在进油口逆时针转45° No.2 outlet 45° CCW from inlet	第二出油口在进油口逆时针转90° No.2 outlet 90° CCW from inlet	
	BC 第二出油口在进油口顺时针转45° No.2 outlet 45° CW from inlet	第二出油口在进油口同侧 NO.2 outlet is inline with inlet	
	BD 第二出油口在进油口顺时针转135° No.2 outlet 135° CW from inlet	第二出油口在进油口顺时针转90° No.2 outlet 90° CW from inlet	
第一出油口在进油口同侧 No.1 outlet is inline with inlet	CA 第二出油口在进油口逆时针转135° No.2 outlet 135° CCW from inlet	第二出油口在进油口对面 No.2 outlet is opposite inlet	
	CB 第二出油口在进油口逆时针转45° No.2 outlet 45° CCW from inlet	第二出油口在进油口逆时针转90° No.2 outlet 90° CCW from inlet	
	CC 第二出油口在进油口顺时针转45° No.2 outlet 45° CW from inlet	第二出油口在进油口同侧 NO.2 outlet is inline with inlet	
	CD 第二出油口在进油口顺时针转135° No.2 outlet 135° CW from inlet	第二出油口在进油口顺时针转90° No.2 outlet 90° CW from inlet	
第一出油口从进油口顺时针转90° No.1 outlet 90° CW from inlet	DA 第二出油口在进油口逆时针转135° No.2 outlet 135° CCW from inlet	第二出油口在进油口对面 No.2 outlet is opposite inlet	
	DB 第二出油口在进油口逆时针转45° No.2 outlet 45° CCW from inlet	第二出油口在进油口逆时针转90° No.2 outlet 90° CCW from inlet	
	DC 第二出油口在进油口顺时针转45° No.2 outlet 45° CW from inlet	第二出油口在进油口同侧 NO.2 outlet is inline with inlet	
	DD 第二出油口在进油口顺时针转135° No.2 outlet 135° CW from inlet	第二出油口在进油口顺时针转90° No.2 outlet 90° CW from inlet	

4535V

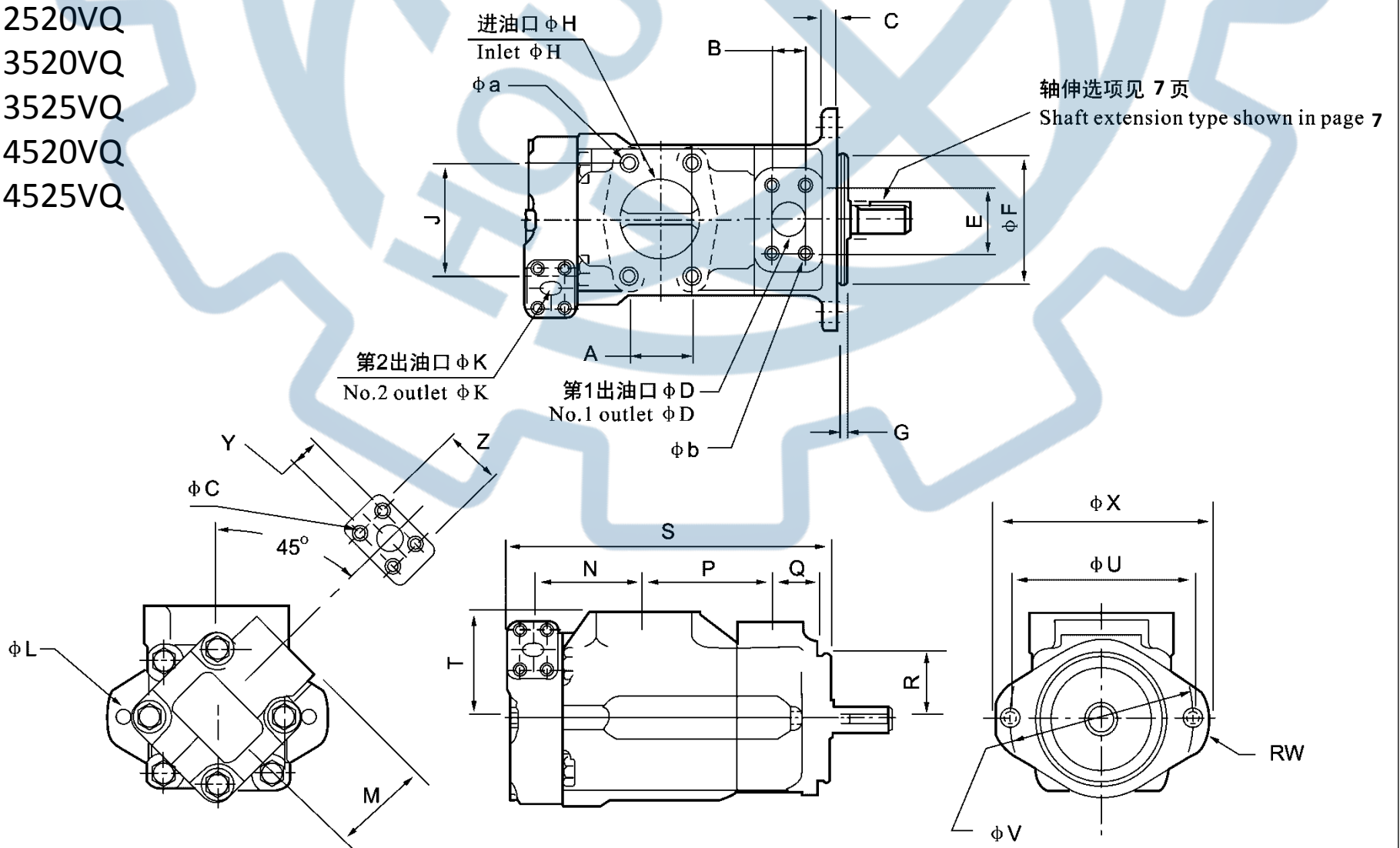


双联泵外形安装尺寸 Double Pump Outline Dimension

4535VQ



2520VQ
3520VQ
3525VQ
4520VQ
4525VQ



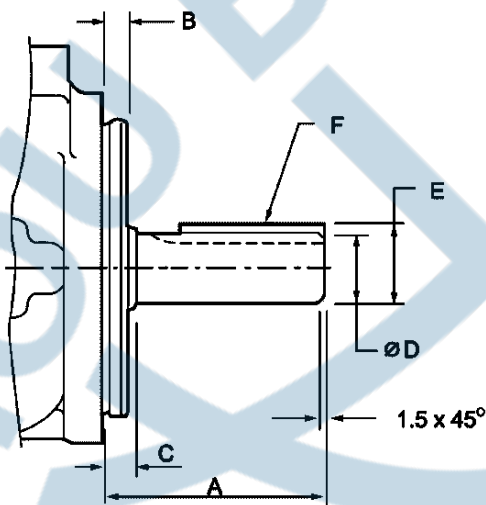


系列号 Model	a	b	c	A	B	C	P1	E	F	G
2520VQ	1/2-13UNC-2B×23.8	3/8-16UNC-2B×19.1	3/8-16UNC-2B×19.1	50.8	26.2	12.7	Φ25.4	52.4	101.6	9.53
3520VQ	5/8-11UNC-2B×28.5	7/16-14UNC-2B×22.2	3/8-16UNC-2B×19.1	62	30.1	15.9	Φ31.7	58.7	127.00	9.53
3525VQ	5/8-11UNC-2B×28.5	7/16-14UNC-2B×22.2	3/8-16UNC-2B×19.1	62	30.1	15.9	Φ31.7	58.7	127.00	9.53
4520VQ	5/8-11UNC-2B×32	1/2-13UNC-2B×23.8	3/8-16UNC-2B×19.1	69.9	35.7	15.9	Φ38.1	69.9	127.00	12.7
4525VQ	5/8-11UNC-2B×32	1/2-13UNC-2B×23.8	3/8-16UNC-2B×19.1	69.9	35.7	15.9	Φ38.1	69.9	127.00	12.7

系列号 Model	P	J	P2	L	M	N	O	Q	R	S	T	U	X	Y	Z
2520VQ	Φ63.5	88.9	Φ19.1	Φ14.2	76.2	88.1	101.6	38.1	76.2	250	85.3	Φ146.1	174.7	22.2	47.6
3520VQ	Φ76.2	106.3	Φ19.1	Φ17.5	76.2	99.6	114.3	38.1	82.6	273.3	84	Φ181	213	22.2	47.6
3525VQ	Φ76.2	106.3	Φ25.4	Φ17.5	74.7	109.5	114.3	38.1	82.6	287.3	88.9	Φ181	213	26.2	52.4
4520VQ	Φ88.9	120.6	Φ19.1	Φ17.5	76.2	120	119.4	42.9	93.7	303.5	102.4	Φ181	213	22.2	47.6
4525VQ	Φ88.9	120.6	Φ25.4	Φ17.5	74.7	136	119.4	42.9	93.7	325	102.4	Φ181	213	26.2	52.4

Form of shaft轴伸形式

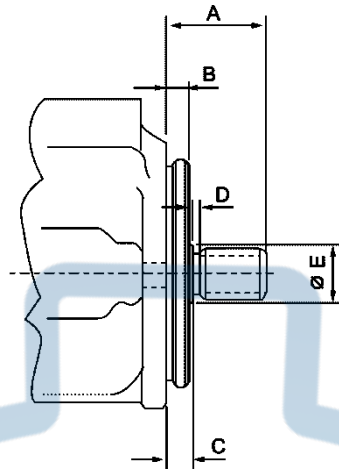
平键直轴 Str. Key shaft



型号 Model	轴伸代号 Cold of shaft	A	B	C	D	E	F 键 Key 宽×长(W×L)
20VQ	1	59	9.5	12.0	22.225/22.20	24.5/24.35	4.75×32
25VQ, 2520VQ	1	59	9.5	11.0	22.225/22.20	24.5/24.35	4.75×32
	86	78	9.5	11.0	25.4/25.37	28.3/28.2	6.35×50.8
35VQ ,3520VQ,3525VQ	1	73.2	9.5	11.1	31.75/31.72	35.25/35.10	7.94×40
	86	86.4	9.5	11.1	34.90/34.87	38.4/38.15	7.94×54
45VQ ,4520VQ, 4525VQ, 4535VQ	1	62	12.7	14.2	31.75/31.70	35.25/35.10	7.94×28.5
	86	87.4	12.7	14.2	38.075/38.05	42.4/42.25	9.54×50.8

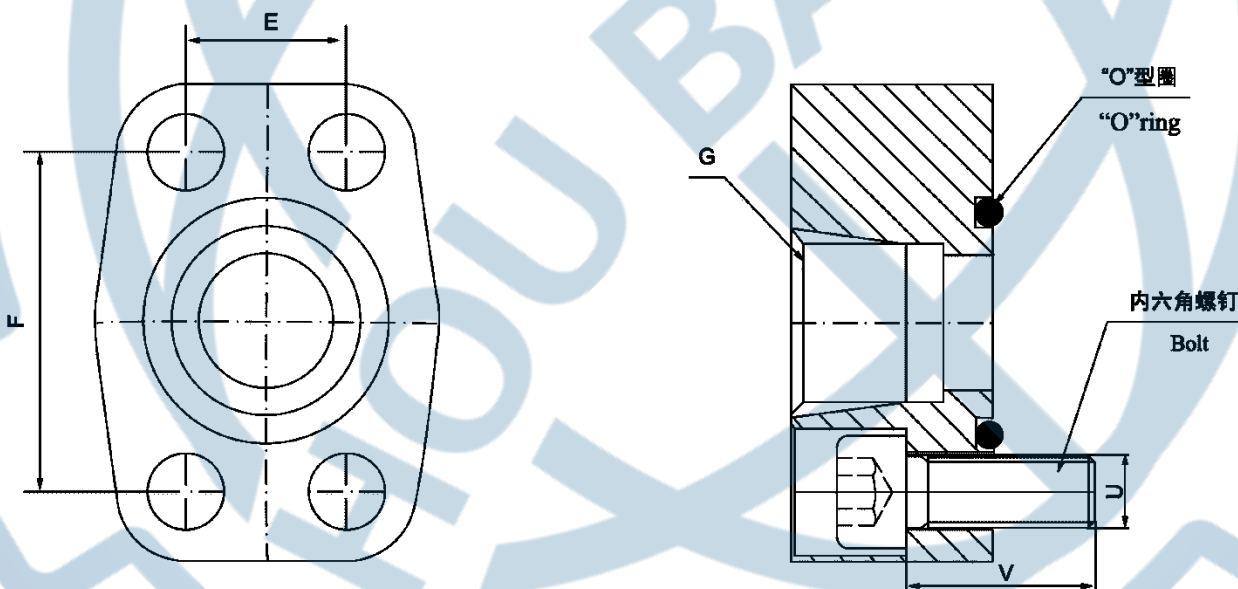


花键轴 Spline shaft



型号 Model	轴伸代号 Cold of shaft	A	B	C	D	E	花键数据				
							齿数 Teeth	径节 Pitch	大径 Major Diameter	小径 Minor Diameter	平齿根 配合 Flats root fit
20VQ	151	41.1	9.5	11.1	3.9	27.8	13	16/32	22.17/22.15	18.63/18.35	大径配合 Large diameter fit
25VQ,2520VQ	11	44.5	9.5	11.1	3.9	27.8	13	16/32	22.17/22.15	18.63/18.35	
35VQ,35**VQ	11	58.7	9.5	11.1	6.35	35.1	14	12/24	31.7/31.67	26.99/26.64	
45VQ, 45**VQ	11	61.9	12.7	14.3	9.7	39.6	14	12/24	31.7/31.67	26.99/26.64	

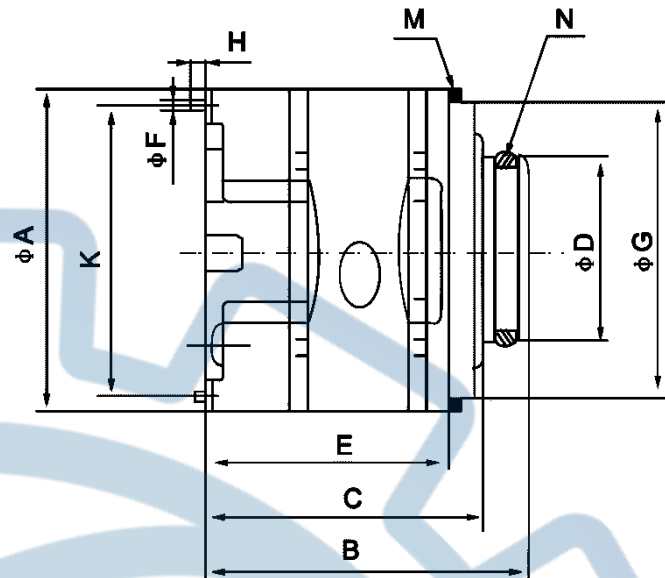
法兰连接尺寸



配泵的型号 Model	尺寸 Dimension (mm)			内六角螺钉 Bolt		O型圈 (内径x线径) oring
	E	F	G	u	V(mm)	
20VQ 出油口 Outlet	22.22	47.6	3/4	3/8-16UNC	30	28X3.55
25VQ 出油口 Outlet	26.2	52.4	1	3/8-16UNC	30	34.5X3.55
35VQ 出油口 Outlet	30.2	58.7	1-1/4	7/16-14UNC	35	40X3.55
20VQ, 25VQ, 45VQ 出油口Outlet	35.7	69.9	1-1/2	1/2-13UNC	40	50X3.55
35VQ进油 口 inlet	42.9	77.8	2	1/2-13UNC	40	63.09X3.55
45VQ, 3520VQ, 3525VQ 出油口Outlet	62	106.4	3	5/8-11 UNO	45	82.5X3.55
2520VQ 进油口 inlet	50.8	88.9	2-1/2	1/2-13UNC	45	71X3.55
4520VQ, (4525) VQ(进油口inlet	69.9	120.6	3-1/2	5/8-11 UNO	50	100X3.55
4535VQ 进油口 inlet	77.8	130.2	4	5/8-11UNC	50	115X3.55



VQ Series Cartridge Kits



型号代码 Ordering Code

PC - 25VQ 17 - R

转向Rotation

L:逆时针Counterclockwise R:顺时针Clockwise

公称排量. (mL/r) Displacement pump

系列叶片泵Series vane pumps

泵芯标记Cartridge Mark

PC:单泵泵芯或双联泵轴端泵芯Single pump cartridge kits or double pump shaft end pump cartridge kits

PCT:双联泵盖端泵芯Double pump cover end pump cartridge kits

泵芯外形安装尺寸 Cartridge Kits Outline Dimension

系列号 Series	ΦA	B	C	ΦD	E	F	ΦG	H	K	M (档圈 Gasket)	N (O 形圈) O Ring
20VQ	82.55	81.5	70.1	47	61.5	4.8	76.2	7	73.6	82.76×76.26×3.5	40×3.55
25VQ	96.8	98.8	87	52.2	71.2	4.8	90.5	7	88.19	97×91×3.5	44×3.53
35VQ	114.3	117.7	105	72.2	90.3	6.4	108	8	103.94	114.5×108.5×3.5	63.09×3.53
45VQ	133.35	141.1	129.6	80.2	105.3	6.4	127	8	123.8	133.6×127.6×3.5	71×3.55

系列号 Series	转子内花键参数 Internal spline parameter of rotor				
	齿数 Number of teeth	模数Modulus	压力角 Pressure angle	大径 Major diameter	小径 Minor diameter
20VQ	30	48/96	45°	16.617	15.56
25VQ	40	48/96	45°	21.9	20.86
35VQ	37	40/80	45°	24.38	23.10
45VQ	14	12/24	30°	32.59	27.60



V10/V20 Series Single Vane Pump



液压符号
Hydraulic signs



描述Introduction

V10,V20 系列低噪声叶片泵采用子母式叶片结构，具有结构合理、压力高、运转平稳、噪声低、脉动小、使用寿命长等特点，广泛应用于切削机械、塑料机械、皮革机械、压力机械、工程机械、冶金机械等高性能工业设备的液压系统。

V10,V20 Series vane pumps with lower noise are intra vane pumps, featured by advanced performance, high pressure, stable operation, lower noise, ultra-low pulse, long life-span and so on, and are widely used in cutting, plastic, leather, pressure, engineering, metallurgical machinery fields, and the like.

型号代码Ordering Code

V 1 0 - P - 7 S - 1 A R

转向Rotation

L:逆时针Counterclockwise R:顺时针Clockwise

出油口位置

A-进油口对面opposite inlet port ;

B-从进油口顺时针90° 90° CW from inlet ;

C-进油口同侧inline with inlet ;

D-从进油口逆时针90° 90° CCW from inlet ;

轴伸形式 Form of shaft:

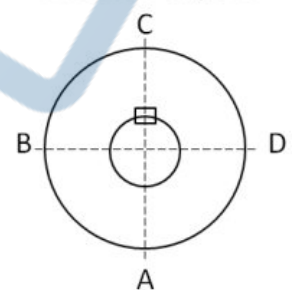
出油口尺寸代号: Outlet dimensions code

公称排量 (mL/r) Displacement

进油口尺寸代号: Inlet dimensions code

系列叶片泵Series vane pumps

油口方向示意
Direction of port



面对轴端
Faced with shaft end



技术参数Specification

系列号 Series	排量代号 Displacement code	理论排量 Geometric displacement ml/r	抗磨液压油或磷酸脂 With anti-wear hydraulic oil or phospholipid		水乙二醇液 With water glycol-fluid		油包水乳化液 With water-oil emulsions	
			最高压力 Max pressure (Mpa)	最高转速 Max speed (r/min)	最高压力 Max pressure (Mpa)	最高转速 Max speed (r/min)	最高压力 Max pressure (Mpa)	最高转速 Max speed (r/min)
V10	1	3.3	17.2	4800	12.4	1800	10.3	1800
	2	6.6		4500				
	3	9.8		4000				
	4	13.1		3400				
	5	16.4	3200					
	6	19.5	15.2	3000	10.9			
	7	22.8	13.8	2800				
V20	6	19.5	17.2	3400	17.2	1800	10.9	1800
	7	22.8		3000				
	8	26.5		2800				
	9	29.7	15.2	2500	15.2	9.3		
	11	36.4		2400				
	12	39						
13	42.4							

技术参数Specification

V10

Technical drawing details for V10:

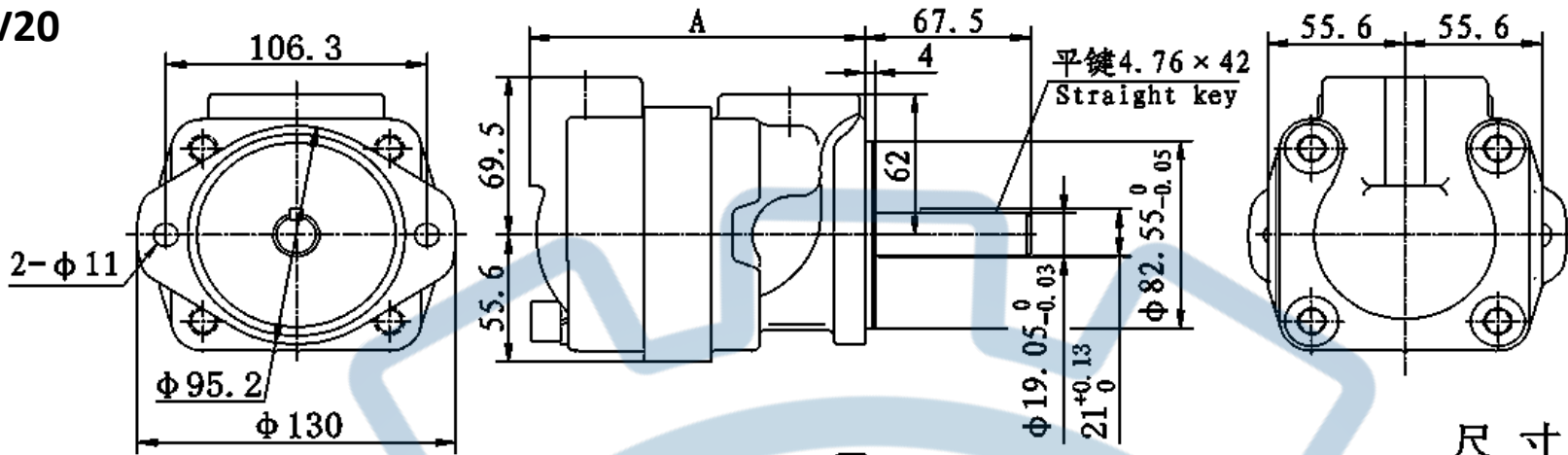
- Front view: $\phi 95.2$, $2-\phi 11$, 106.3 , $\phi 130$
- Side view: A , 44.4 , 7.9 , 59 , $21^{+0.13}_0$, 21 , 1 号轴 No. 1 shaft, 63 , 38.1
- Detail view: 13 , 106.3 , 76.2 , 38.1 , 38.1 , 63 , 44.4 , 7.9 , 59 , $21^{+0.13}_0$, 21 , 1 号轴 No. 1 shaft, 63 , 38.1
- Bottom view: 13 , 24.5 , $6.1^{+0.25}_0$, B , $\phi 46$, $\phi 19.05^{+0.03}_0$, $\phi 21.4$, $\phi 82.55^{+0.05}_0$
- Specifications:
 - 进油口 Inlet: P-NPT1", G-G1", S-1 $\frac{5}{16}$ "-12UNF-2B, M-M30 x 2-6H
 - 出油口 Outlet: P-NPT $\frac{1}{2}$ ", G-G $\frac{1}{2}$ ", S- $\frac{3}{4}$ "-16UNF-2B, M-M20 x 1.5-6H

尺寸表

定子号	A	B
1		
2	114.6	91.6
3		
4	121	98
5		
6	126	103
7		

花键轴 Spline shaft 泵外形尺寸 Pump Outline Dimension

V20



尺寸表

定子号	A	B
6	125.6	102.6
7		
8	132	109
9		
11	137	114
12		
13	140.5	117.5

P-NPT $\frac{3}{4}$ "
G-G $\frac{3}{4}$ "
S-1 $\frac{1}{16}$ "-12UNF-2B
M-M27 x 2-6H

出油口
Outlet

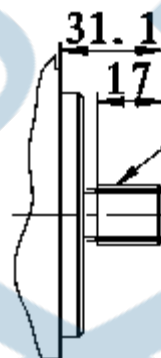
1号轴
NO.1 shaft

进油口
Inlet

P-NPT $\frac{1}{4}$ "
G-G $\frac{1}{4}$ "
S-1 $\frac{5}{8}$ "-12UNF-2B
M-M42 x 2-6H
D-1 $\frac{5}{16}$ "-12UNF-2B

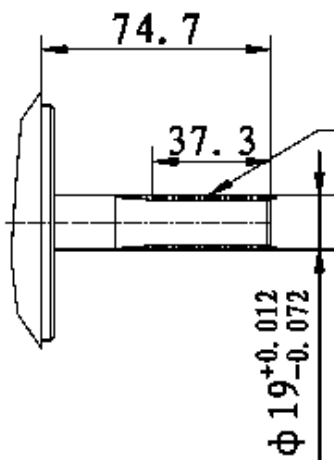
轴伸形式 Form of shaft

V10系列花键轴 Spline shaft
11号轴 No.11 shaft



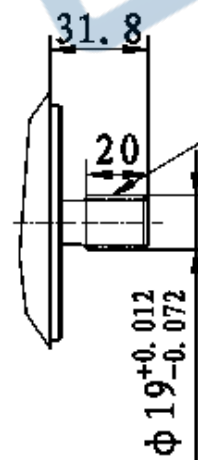
平齿根 大径配合
Flat root Large diameter fit
6/32径节 Pitch
9齿 Number of teeth
30°压力角 Pressure angle

V20系列花键轴 Spline shaft
11号轴 No.11 shaft



平齿根 大径配合
Flat root Large diameter fit
6/32径节 Pitch
11齿 Number of teeth
30°压力角 Pressure angle

38号轴 No.38 shaft



平齿根 大径配合
Flat root Large diameter fit
6/32径节 Pitch
11齿 Number of teeth
30°压力角 Pressure angle



SQP Series Single Vane Pump



液压符号
Hydraulic signs



描述Introduction

该产品采用子母式叶片结构，具有压力高、噪声低、运转平稳、寿命长等特点，广泛应用于切削机械、塑料机械、皮革机械、压力机械、工程机械等领域。

SQP Series vane pumps with lower noise are intra vane pumps, featured by high pressure, lower noise, stable operation, long life-span, and so on, and are widely used in cutting, plastic, leather, pressure, engineering machinery fields and the like.

型号代码Ordering Code

SQP - 2 - 11 - 1 A R 20

设计号 Design number

转向 Rotation

L: 逆时针 Counterclockwise R: 顺时针 Clockwise

出油口 Inlet: A、B、C、D

轴伸形式 Form of shaft:

1: 带键直轴 Belt key ; 86: 重型带键直轴 Heavy belt key

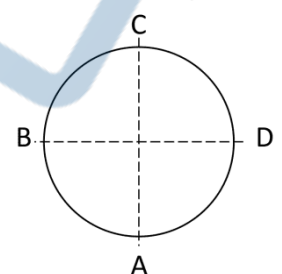
单泵公称排量

(mL/r) Displacement

子系列代号 Code of subsidiary series

系列叶片泵 Series vane pumps

油口方向示意
Direction of port



面对泵盖端
Faced with cover end



技术参数 Specification

系列号 Series	排量代号 Displacement code	理论排量 Geometric displacement ml/r	抗磨液压油或磷酸脂 With anti-wear hydraulic oil or phospholipid		水乙二醇液 With water glycol-fluid		油包水乳化液 With water-oil emulsions		最低转速 Min speed r/min
			最高压力 Max pressure (Mpa)	最高转速 Max speed (r/min)	最高压力 Max pressure (Mpa)	最高转速 Max speed (r/min)	最高压力 Max pressure (Mpa)	最高转速 Max speed (r/min)	
SQP1	2	7.5	13.8	1800	13.8	1200	6.9	1200	600
	3	10.2							
	4	12.8							
	5	16.7	17.2	1800	15.9	1200	6.9	1200	
	6	19.2							
	7	22.9							
	8	26.2							
	9	28.8	15.7	1800	13.8	1200	6.9	1200	
	10	31							
	11	35							
	12	37.9	13.8	1800	13.8	1200	6.9	1200	
14	44.2								
SQP2	10	32.5	17.2	1800	17.2	1200	13.8	1200	600
	12	38.3							
	14	43.3							
	15	46.7							
	17	52.5							
	19	59.2							
	21	65							
25	79.2								
SQP3	21	66.7	17.2	1800	17.2	1200	13.8	1200	600
	25	79.2							
	30	95							
	32	100							
	35	109							
	38	118							
SQP4	42	134	17.2	1800	17.2	1200	13.8	1200	600
	45	140							
	50	156							
	57	178							
	60	189							
	66	207							
	75	237							



单泵外形安装尺寸 Single Pump Outline Dimension

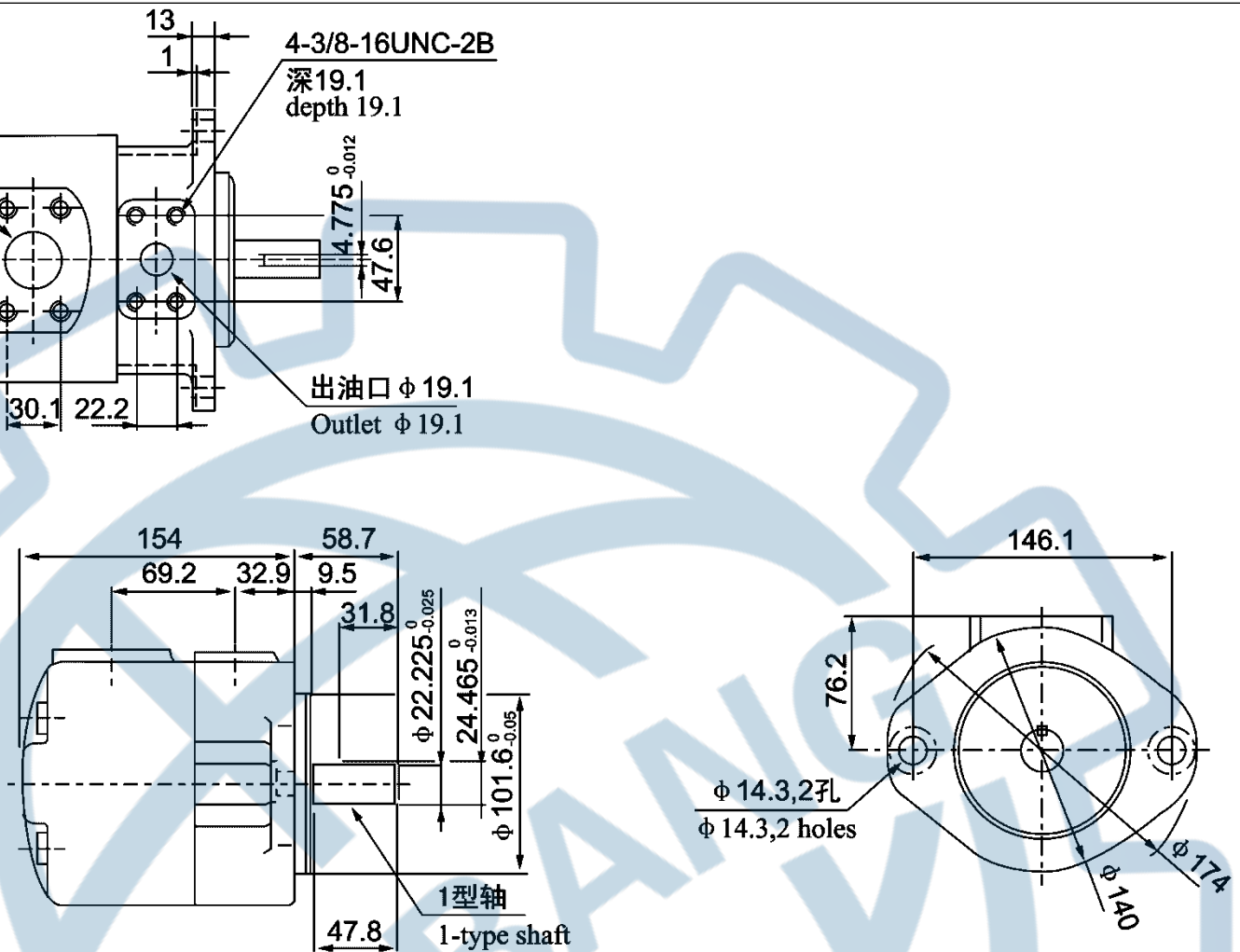
SQP1

进油口 $\phi 31.8$
Inlet 31.8

4-7/16-14UNC-2B
深21.6
depth 21.6

4-3/8-16UNC-2B
深19.1
depth 19.1

出油口 $\phi 19.1$
Outlet $\phi 19.1$



其它轴伸尺寸请参见10页
Please refer to shaft extension sizes in page10 for rest sizes

SQP2

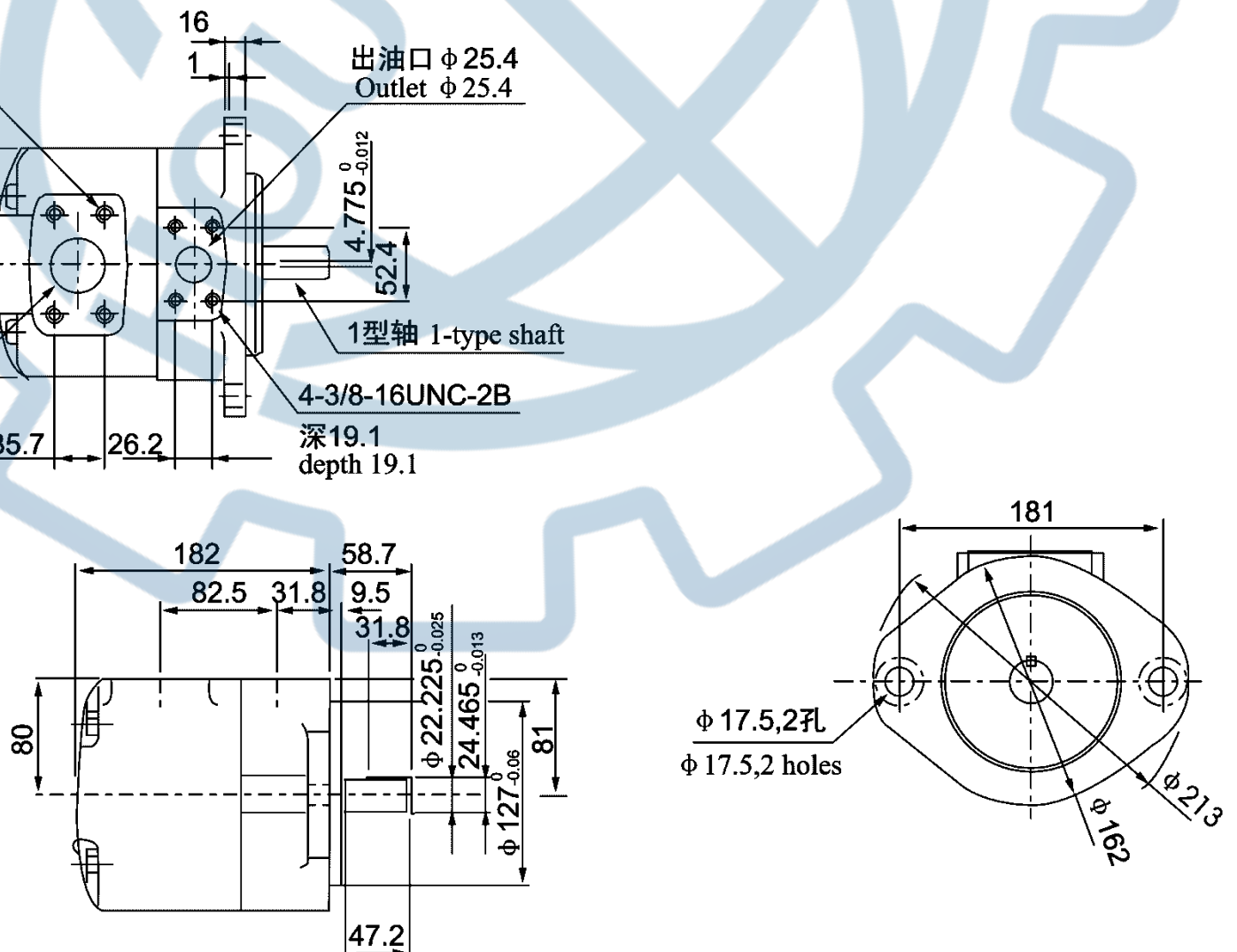
4-1/2-13UNC-2B
深23.8
depth 23.8

出油口 $\phi 25.4$
Outlet $\phi 25.4$

1型轴 1-type shaft

4-3/8-16UNC-2B
深19.1
depth 19.1

进油口 $\phi 38.1$
Inlet 38.1

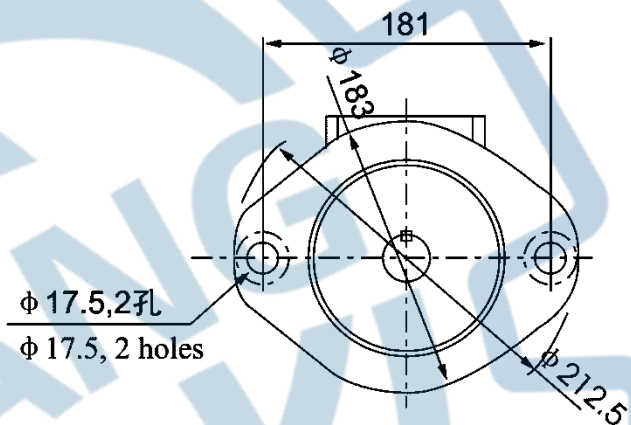
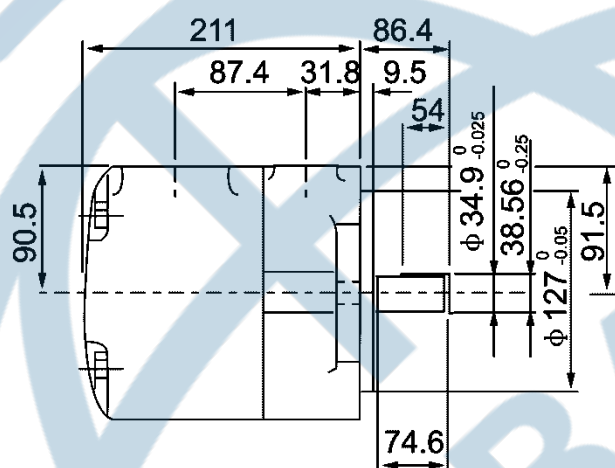
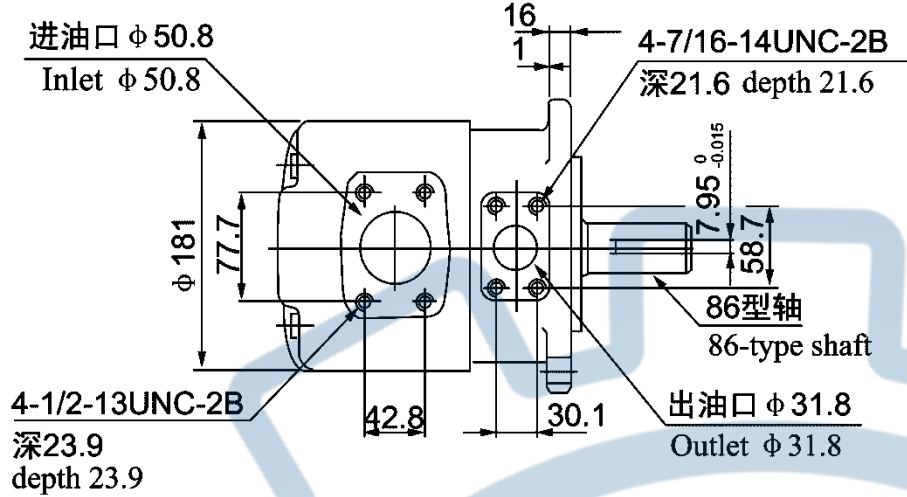


其它轴伸尺寸请参见10页
Please refer to shaft extension sizes in page10 for rest sizes



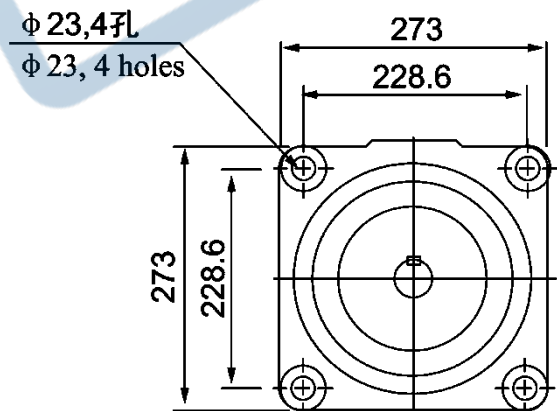
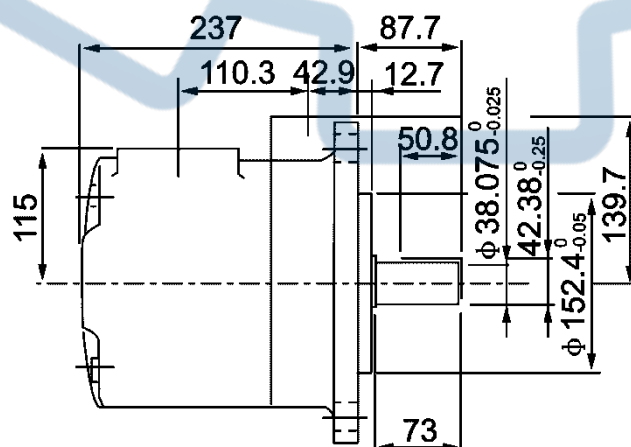
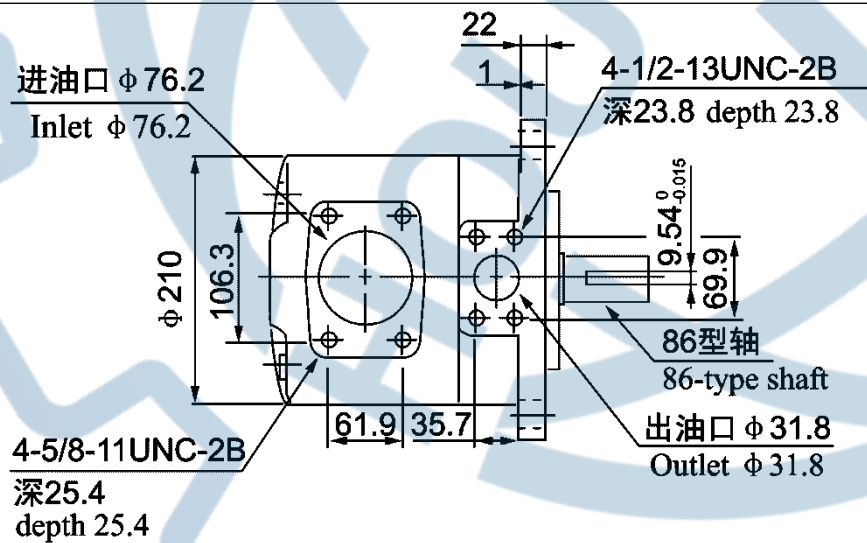
单泵外形安装尺寸 Single Pump Outline Dimension

SQP3



其它轴伸尺寸请参见10页
Please refer to shaft extension sizes in page 10 for rest sizes

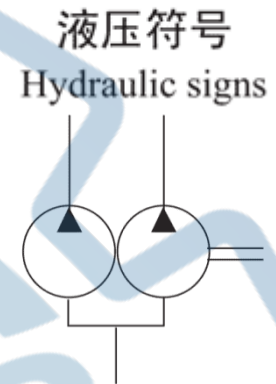
SQP4



其它轴伸尺寸请参见10页
Please refer to shaft extension sizes in page 10 for rest sizes



SQP Series Double Vane Pump



描述Introduction

该产品采用子母式叶片结构，具有压力高、噪声低、运转平稳、寿命长等特点，广泛应用于切削机械、塑料机械、皮革机械、压力机械、工程机械等领域。

SQP Series vane pumps with lower noise are intra vane pumps, featured by high pressure, lower noise, stable operation, long life-span, and so on, and are widely used in cutting, plastic, leather, pressure, engineering machinery fields and the like.

型号代码Ordering Code

SQP - 21 - 17 8 - 1 A B R 20

设计号 Design number

转向 Rotation

L: 逆时针 Counterclockwise R: 顺时针 Clockwise

双泵的盖端泵出油口 Outlet of cover end pump:
A、B、C、D

进油口 Inlet: A、B、C、D

轴伸形式 Form of shaft:

双泵的后泵公称排量 (mL/r)

Displacement of double pump cover end pump

双泵轴端泵公称排量 (mL/r)

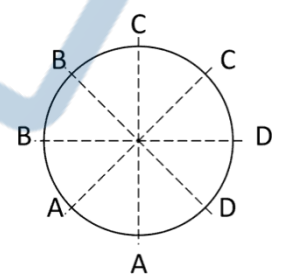
Displacement of shaft end pump

子系列代号

Code of subsidiary series

系列叶片泵 Series vane pumps

油口方向示意
Direction of port



面对泵盖端
Faced with cover end



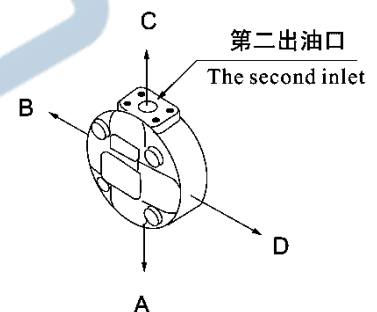
双联泵技术参数 Specification

系列代号 Series	轴端泵排量代号 Displacement code of shaft end pump	盖端泵排量代号 Displacement code of cover end pump
SQP21	10、12、14、15、17、19、21,25	2、3、4、5、6、7、8、9、10、11、12、14
SQP31	21、25、30、32、35、38、45	2、3、4、5、6、7、8、9、10、11、12、14
SQP32	21、25、30、32、35、38、45	10、12、14、15、17、19、21、25
SQP41	42、45、50、57、60、66、75	2、3、4、5、6、7、8、9、10、11、12、14
SQP42	42、45、50、57、60、66、75	C10、12、14、15、17、19、21、25
SQP43	42、45、50、57、60、66、75	21、25、30、32、35、38、45

出油口位置(从泵盖端看) Outlet positions (from cover end of pump)

出油口位置 outlet positions	除4535V系列外所有系列 All series except 4535V series	4535V	
第一出油口在进油口对面 No.1 outlet is opposite inlet	AA 第二出油口在进油口逆时针转135° No.2 outlet 135° CCW from inlet	第二出油口在进油口对面 No.2 outlet is opposite inlet	
	AB 第二出油口在进油口逆时针转45° No.2 outlet 45° CCW from inlet	第二出油口在进油口逆时针转90° No.2 outlet 90° CCW from inlet	
	AC 第二出油口在进油口顺时针转45° No.2 outlet 45° CW from inlet	第二出油口在进油口同侧 NO.2 outlet is inline with inlet	
	AD 第二出油口在进油口顺时针转135° No.2 outlet 135° CW from inlet	第二出油口在进油口顺时针转90° No.2 outlet 90° CW from inlet	
第一出油口从进油口逆时针转90° No.1 outlet 90° CCW from inlet	BA 第二出油口在进油口逆时针转135° No.2 outlet 135° CCW from inlet	第二出油口在进油口对面 No.2 outlet is opposite inlet	
	BB 第二出油口在进油口逆时针转45° No.2 outlet 45° CCW from inlet	第二出油口在进油口逆时针转90° No.2 outlet 90° CCW from inlet	
	BC 第二出油口在进油口顺时针转45° No.2 outlet 45° CW from inlet	第二出油口在进油口同侧 NO.2 outlet is inline with inlet	
	BD 第二出油口在进油口顺时针转135° No.2 outlet 135° CW from inlet	第二出油口在进油口顺时针转90° No.2 outlet 90° CW from inlet	
第一出油口在进油口同侧 No.1 outlet is inline with inlet	CA 第二出油口在进油口逆时针转135° No.2 outlet 135° CCW from inlet	第二出油口在进油口对面 No.2 outlet is opposite inlet	
	CB 第二出油口在进油口逆时针转45° No.2 outlet 45° CCW from inlet	第二出油口在进油口逆时针转90° No.2 outlet 90° CCW from inlet	
	CC 第二出油口在进油口顺时针转45° No.2 outlet 45° CW from inlet	第二出油口在进油口同侧 NO.2 outlet is inline with inlet	
	CD 第二出油口在进油口顺时针转135° No.2 outlet 135° CW from inlet	第二出油口在进油口顺时针转90° No.2 outlet 90° CW from inlet	
第一出油口从进油口顺时针转90° No.1 outlet 90° CW from inlet	DA 第二出油口在进油口逆时针转135° No.2 outlet 135° CCW from inlet	第二出油口在进油口对面 No.2 outlet is opposite inlet	
	DB 第二出油口在进油口逆时针转45° No.2 outlet 45° CCW from inlet	第二出油口在进油口逆时针转90° No.2 outlet 90° CCW from inlet	
	DC 第二出油口在进油口顺时针转45° No.2 outlet 45° CW from inlet	第二出油口在进油口同侧 NO.2 outlet is inline with inlet	
	DD 第二出油口在进油口顺时针转135° No.2 outlet 135° CW from inlet	第二出油口在进油口顺时针转90° No.2 outlet 90° CW from inlet	

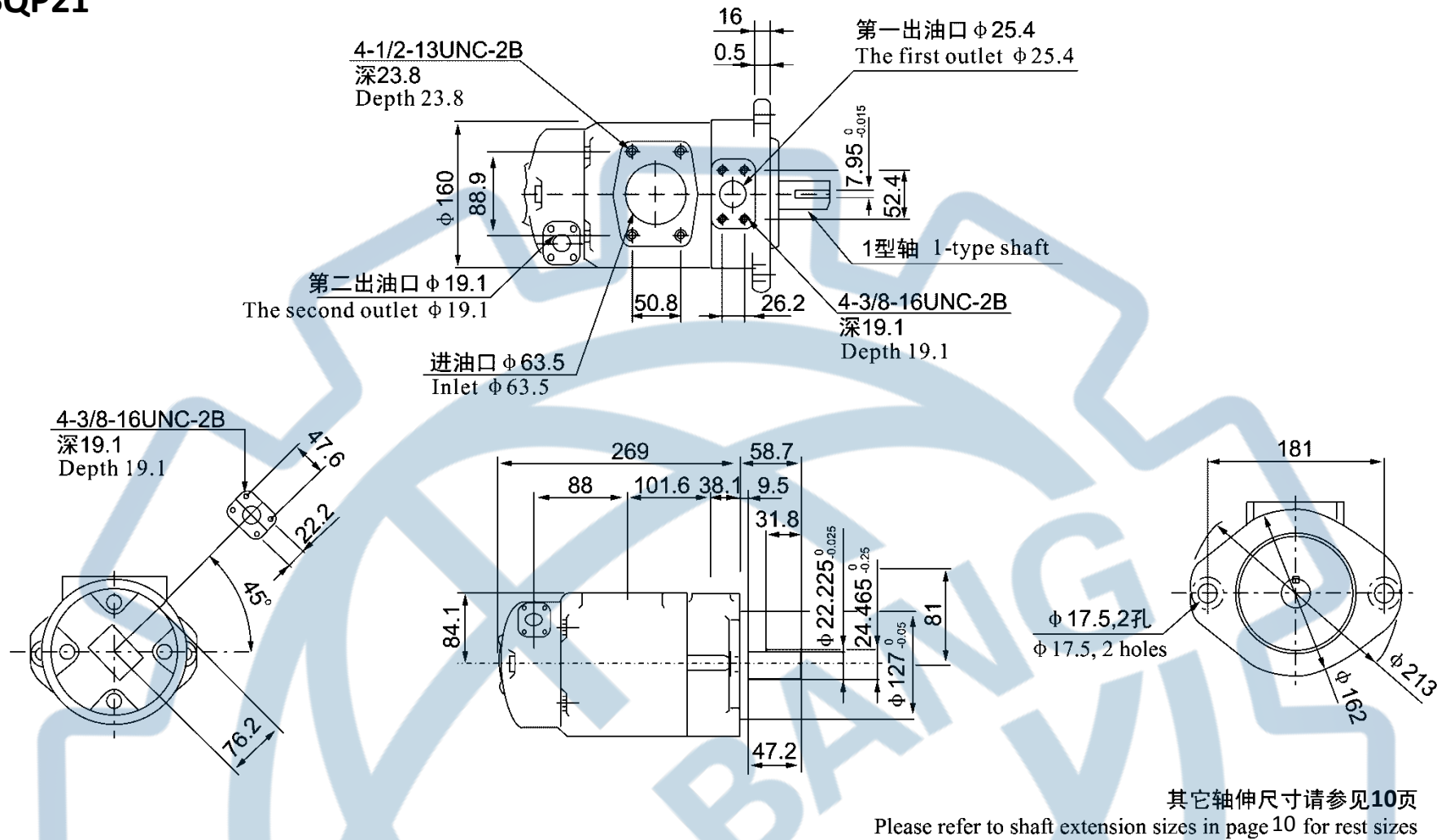
SQP43



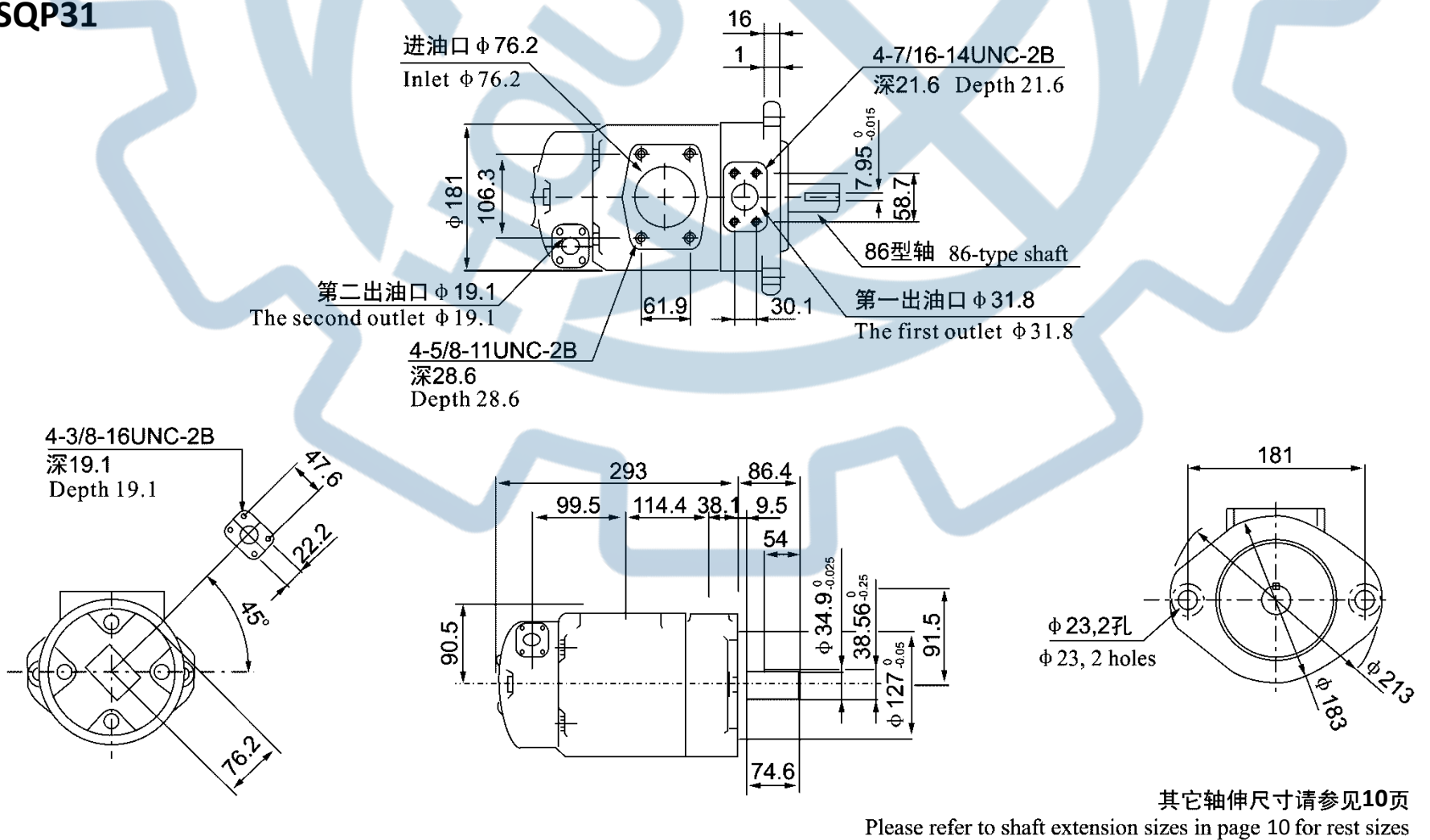


双联泵外形安装尺寸 Double Pump Outline Dimension

SQP21



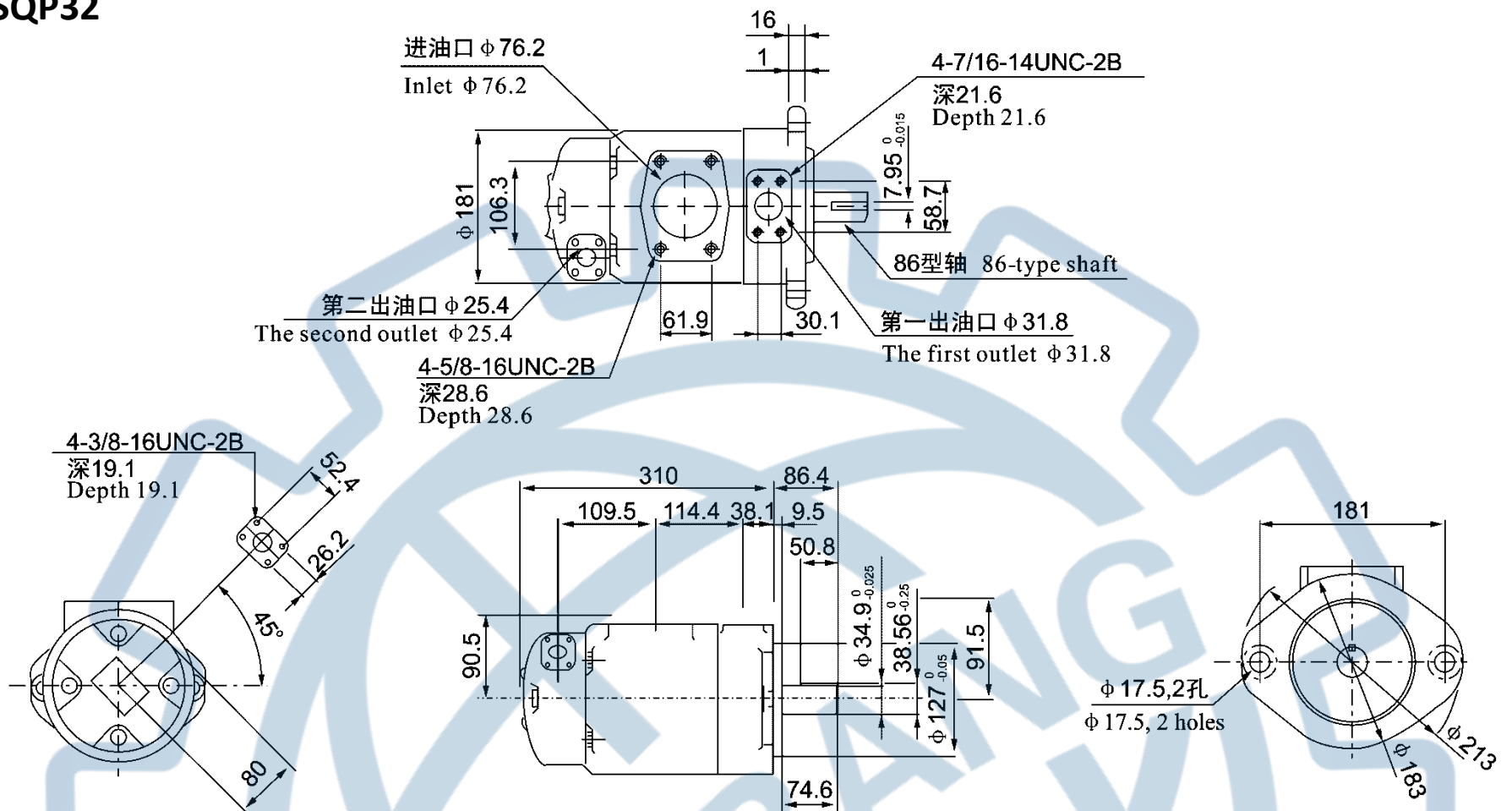
SQP31



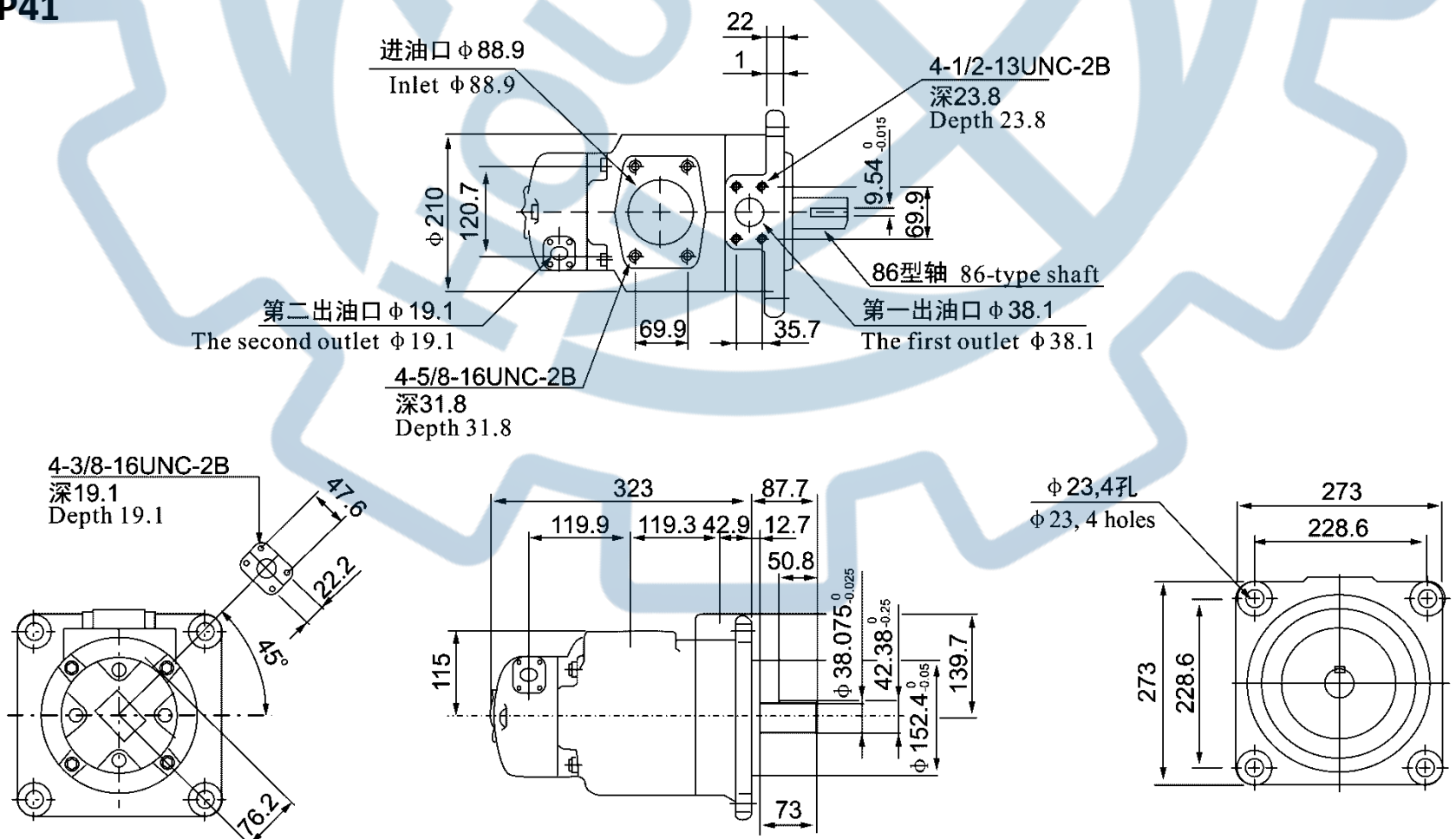


双联泵外形安装尺寸 Double Pump Outline Dimension

SQP32



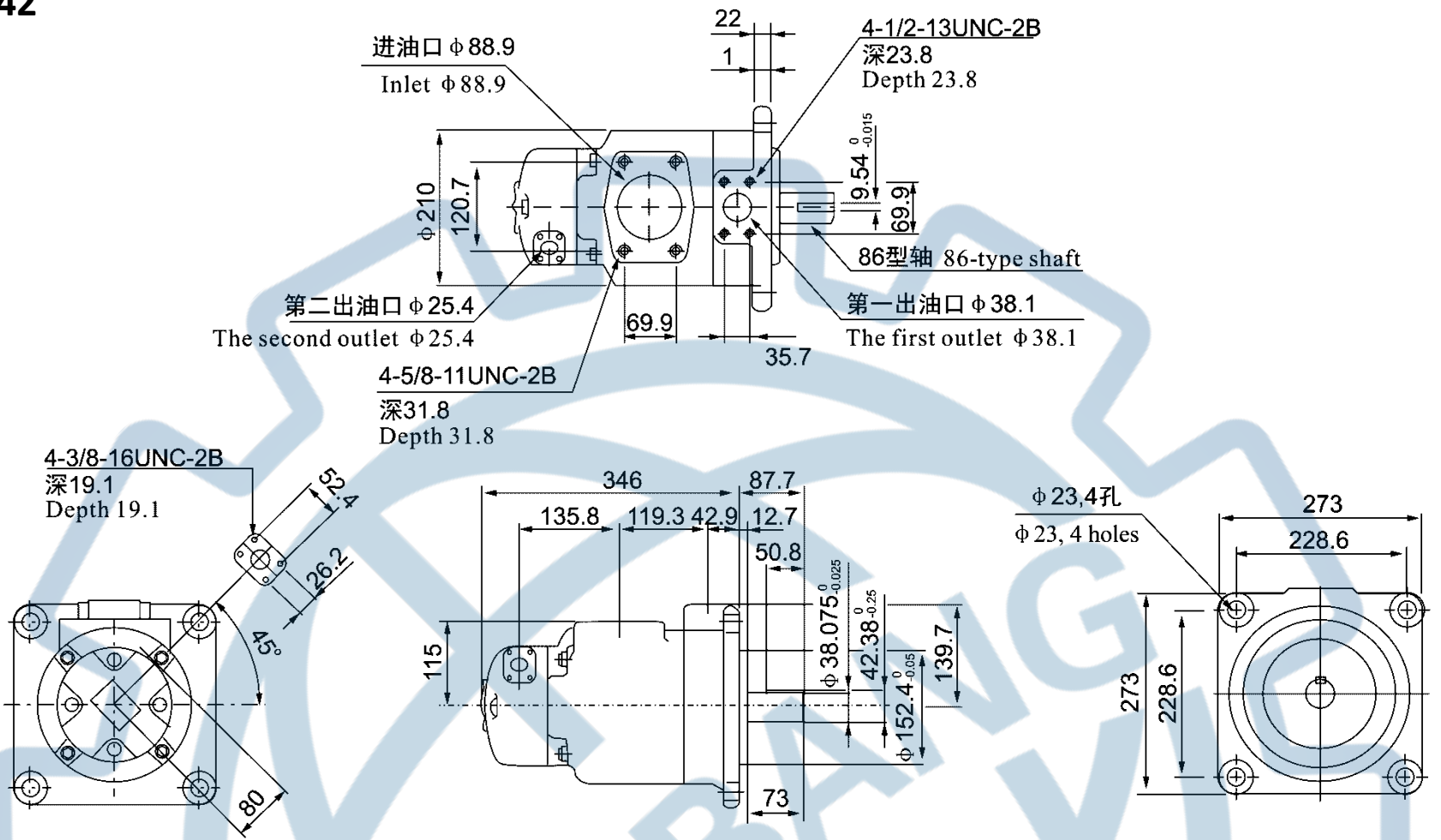
SQP41





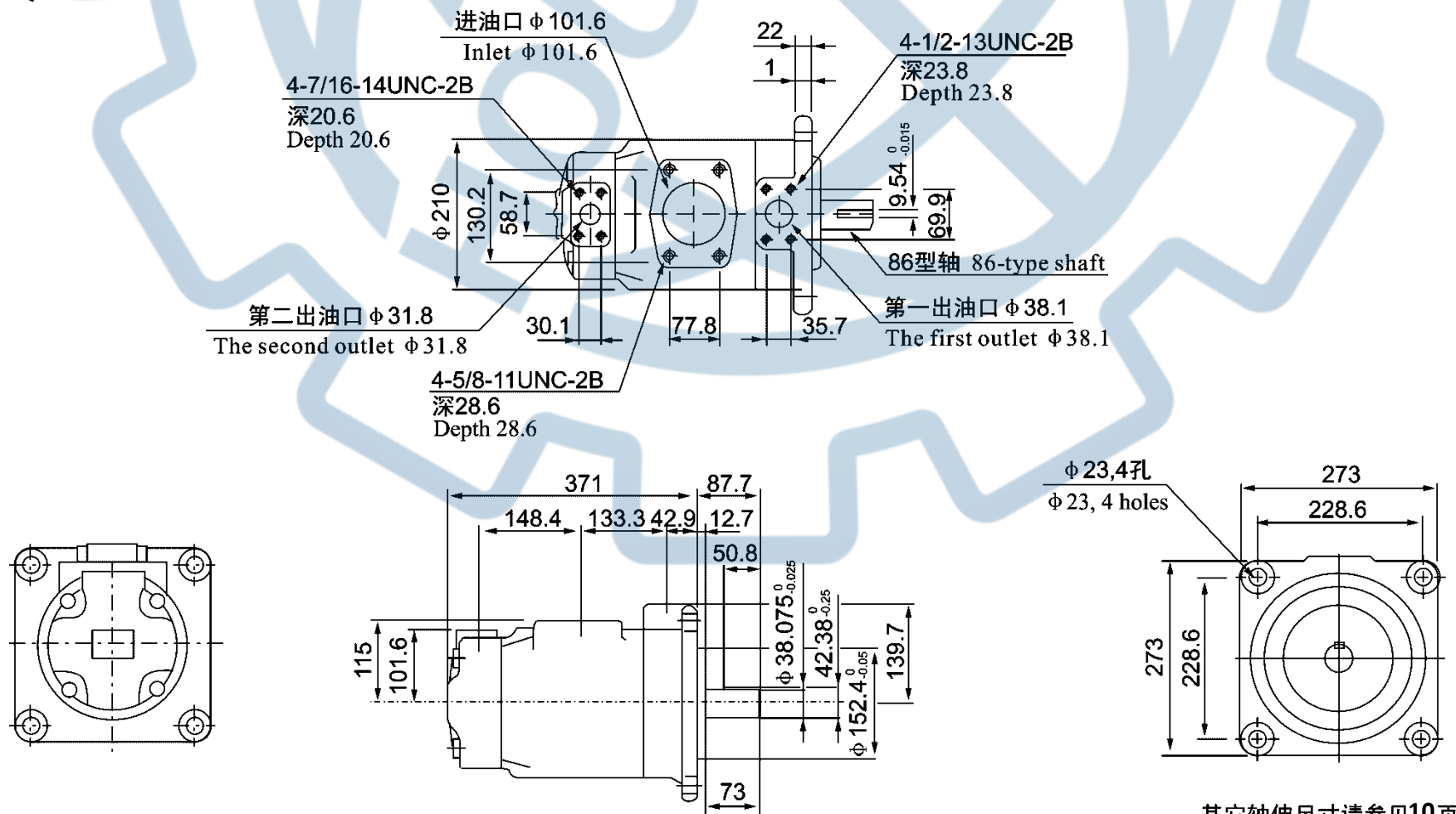
双联泵外形安装尺寸 Double Pump Outline Dimension

SQP42



其它轴伸尺寸请参见10页
Please refer to shaft extension sizes in page 10 for rest sizes

SQP43

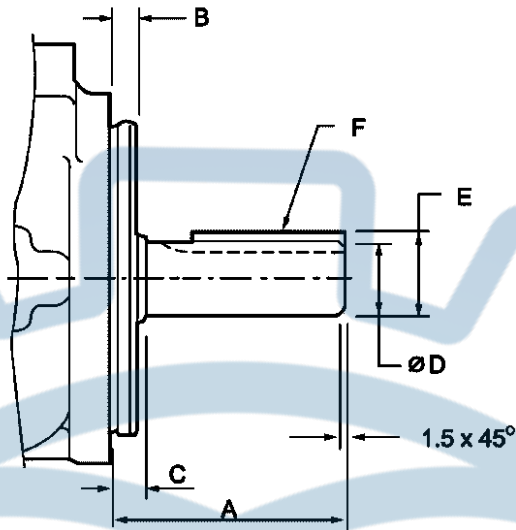


其它轴伸尺寸请参见10页
Please refer to shaft extension sizes in page 10 for rest sizes



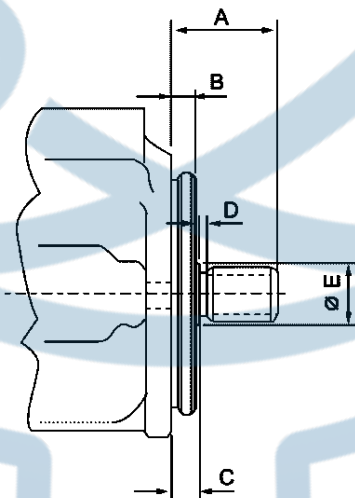
Form of shaft 轴伸形式

平键直轴 Str. Key shaft



型号 Model	轴伸代号 Cold of shaft	A	B	C	D	E	F 键 Key 宽×长(W×L)
SQP1	1	59	9.5	12.0	22.225/22.20	24.5/24.35	4.75×32
SQP2, SQP21	1	59	9.5	11.0	22.225/22.20	24.5/24.35	4.75×32
	86	78	9.5	11.0	25.4/25.37	28.3/28.2	6.35×50.8
SQP3, SQP31, SQP32	1	73.2	9.5	11.1	31.75/31.72	35.25/35.10	7.94×40
	86	86.4	9.5	11.1	34.90/34.87	38.4/38.15	7.94×54
SQP4, SQP41, SQP42, SQP43	1	62	12.7	14.2	31.75/31.70	35.25/35.10	7.94×28.5
	86	87.4	12.7	14.2	38.075/38.05	42.4/42.25	9.54×50.8

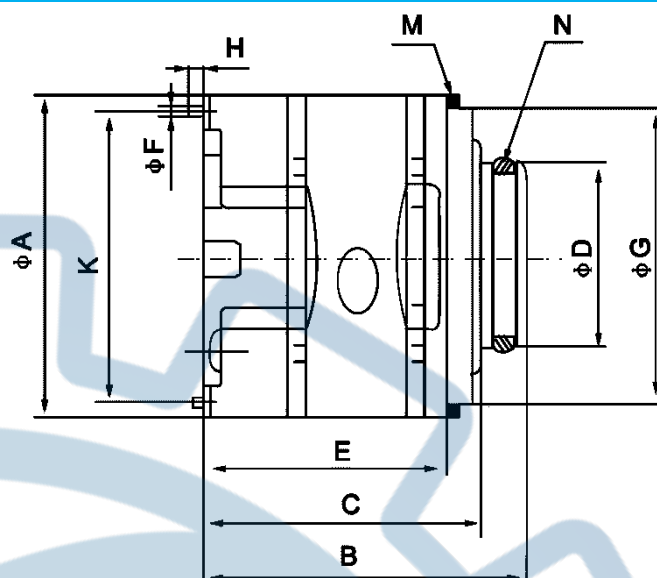
花键轴 Spline shaft



型号 Model	轴伸代号 Cold of shaft	A	B	C	D	E	花键数据				
							齿数 Teeth	径节 Pitch	大径 Major Diameter	小径 Minor Diameter	平齿根 配合 Flats root fit
SQP1	151	41.1	9.5	11.1	3.9	27.8	13	16/32	22.17/22.15	18.63/18.35	大径配合 Large diameter fit
SQP2, SQP21	11	44.5	9.5	11.1	3.9	27.8	13	16/32	22.17/22.15	18.63/18.35	
SQP3, SQP31, SQP32	11	58.7	9.5	11.1	6.35	35.1	14	12/24	31.7/31.67	26.99/26.64	
SQP4, SQP41, SQP42, SQP43	11	61.9	12.7	14.3	9.7	39.6	14	12/24	31.7/31.67	26.99/26.64	



SQP Series Cartridge Kits



型号代码 Ordering Code

PC - SQP1 10 - R

转向Rotation

L:逆时针Counterclockwise R:顺时针Clockwise

公称排量. (mL/r) Displacement pump

系列叶片泵Series vane pumps

泵芯标记Cartridge Mark

PC:单泵泵芯或双联泵轴端泵芯Single pump cartridge kits or double pump shaft end pump cartridge kits

PCT:双联泵盖端泵芯Double pump cover end pump cartridge kits

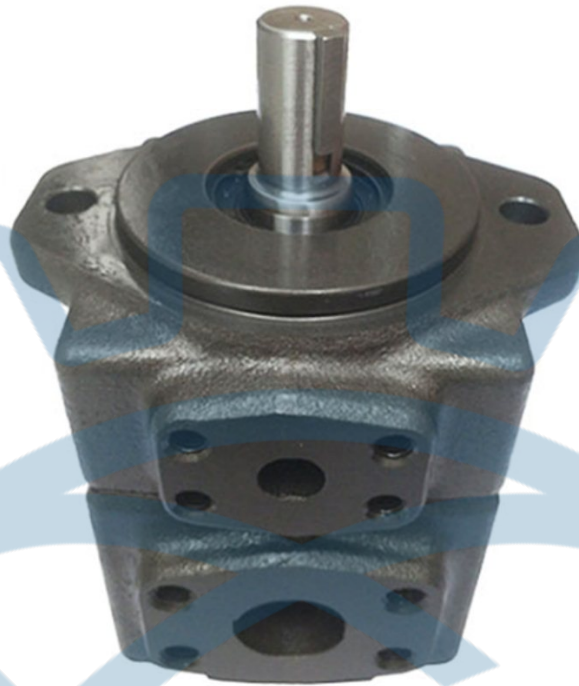
泵芯外形安装尺寸 Cartridge Kits Outline Dimension

系列号 Series	ΦA	B	C	ΦD	E	F	ΦG	H	K	M (档圈 Gasket)	N (O 形圈) O Ring
SQP1	82.5	82	70.8	47.2	61.8	4.75	76.2	6	73.6	82.76×76.26×3.5	40×3.55
SQP2	96.8	98.5	87.2	52.2	71.6	4.75	90.5	5	88.19	97×91×3.5	44×3.53
SQP3	114.3	117.7	105	72.2	90.3	6.35	108	6.3	103.94	114.5×108.5×3.5	63.09×3.53
SQP4	133.3	141.1	129.6	80.2	106.1	6.35	127	10	123.8	133.6×127.6×3.5	71×3.55

系列号 Series	转子内花键参数 Internal spline parameter of rotor				
	齿数 Number of teeth	模数Modulus	压力角 Pressure angle	大径 Major diameter	小径 Minor diameter
SQP1	30	48/96	45°	16.617	15.56
SQP2	40	48/96	45°	21.9	20.86
SQP3	37	40/80	45°	24.38	23.10
SQP4	14	12/24	30°	32.59	27.60



PV2R Series Vane Pump



描述Introduction

PV2R 系列高压低噪声叶片泵是我公司独立研制开发的国产化高性能产品，具有性能先进，结构合理，可靠性好，噪声低，脉动极小，质量稳定的特点。产品精工制造，特别适应高精度低噪声设备的要求，广泛应用于切削机械、塑料机械、皮革机械、锻压机械、工程机械等领域。

PV2R Series vane pumps with high pressure and lower noise are high-performance products, which are developed and domestically produced by our company, featured by advanced performance, reasonable structure, good creditability, lower noise, ultra-low pulse and stable quality and so on. Precisely made, the product can be used in the equipment with high precision and low noise, and is widely used in cutting, plastic, leather, forging and engineering machinery fields, and the like.

型号代码Ordering Code

PV2R - 1 - 12 12 - R A A F

轴径Shaft diameter:
F1 - 大轴 Major shaft ; F-小轴Minor shaft(omitted)

双泵的盖端泵出油口 Outlet of cover end pump: A、B、E、F、G、H、L、R

进油口Inlet: A、B、L、R

转向Rotation
L:逆时针Counterclockwise R:顺时针Clockwise

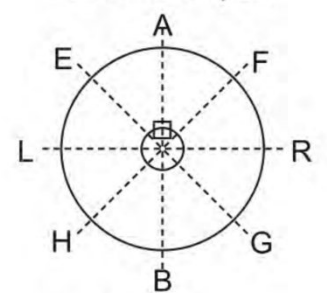
双泵的盖端泵公称排量. (mL/r)
Displacement of double pump cover end pump

单泵或双泵轴端泵公称排量
(mL/r)

Displacement of shaft end pump
子系列代号Code of subsidiary series:
1、2、3、11、21、31、32

系列叶片泵Series vane pumps

油口方向示意
Direction of port



面对轴端
Faced with shaft end



技术参数Specification

型号 Model	排量 Displacement mL/r	最高压力Max. pressure			转速Speed r/min		驱动功率Input power kW	重量Weight kg
		高压用 特定油 Special oil	抗磨 液压油 Antiwear oil	普通 液压油 Common oil	最低Min.	最高Max.		
PV2R1-4	4.3						2.1	8
PV2R1-6	6.1						3.2	
PV2R1-8	8.5						4.5	
PV2R1-10	10.4						5.4	
PV2R1-12	13						6.1	
PV2R1-14	14.2	21	17.5	16	750	1800 (1200)	6.9	
PV2R1-17	16.8						7.9	
PV2R1-19	19.4						9.6	
PV2R1-23	23.3						10.5	
PV2R1-25	24.4						12.5	
PV2R1-28	28.4						14.0	
PV2R1-31	29.5	16	16				15.5	
PV2R2-17	17.7						7.8	16
PV2R2-26	26.6						11.7	
PV2R2-33	32.8						15.5	
PV2R2-41	41.7	21	17.5			1800 (1200)	18.9	
PV2R2-47	47.9						23.2	
PV2R2-53	55.7			14	600		24	
PV2R2-59	58.2						24.9	
PV2R2-65	63.3						29.4	
PV2R2-70	70.3						31.6	17
PV2R2-75	78.1	16	16			1200	35.7	
PV2R2-85	82.7						37.5	
PV2R3-52	52.9						23.2	32
PV2R3-60	64.3						29.4	
PV2R3-66	67.2	21	17.5			1800 (1200)	34.2	
PV2R3-76	76			14	600		37.7	
PV2R3-94	94.2						41.2	
PV2R3-116	115.8						50	
PV2R3-125	127	16	16			1200	55	
PV2R3-136	132.5						57	

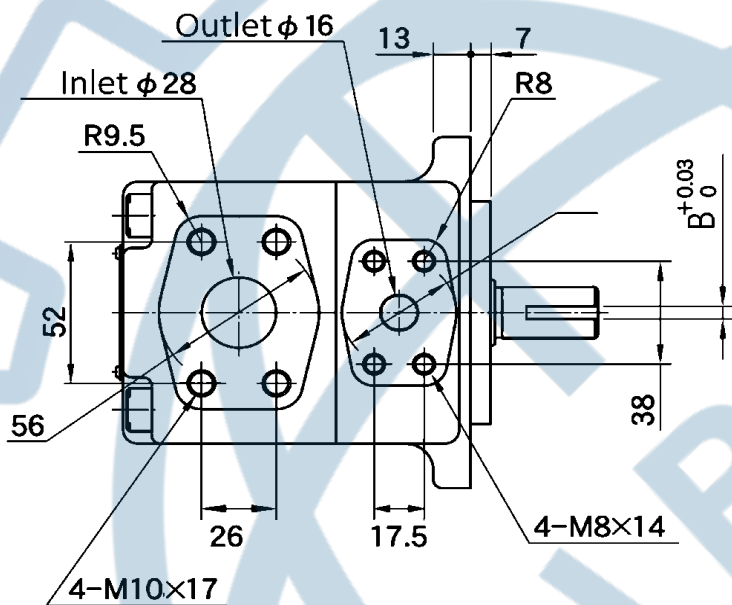
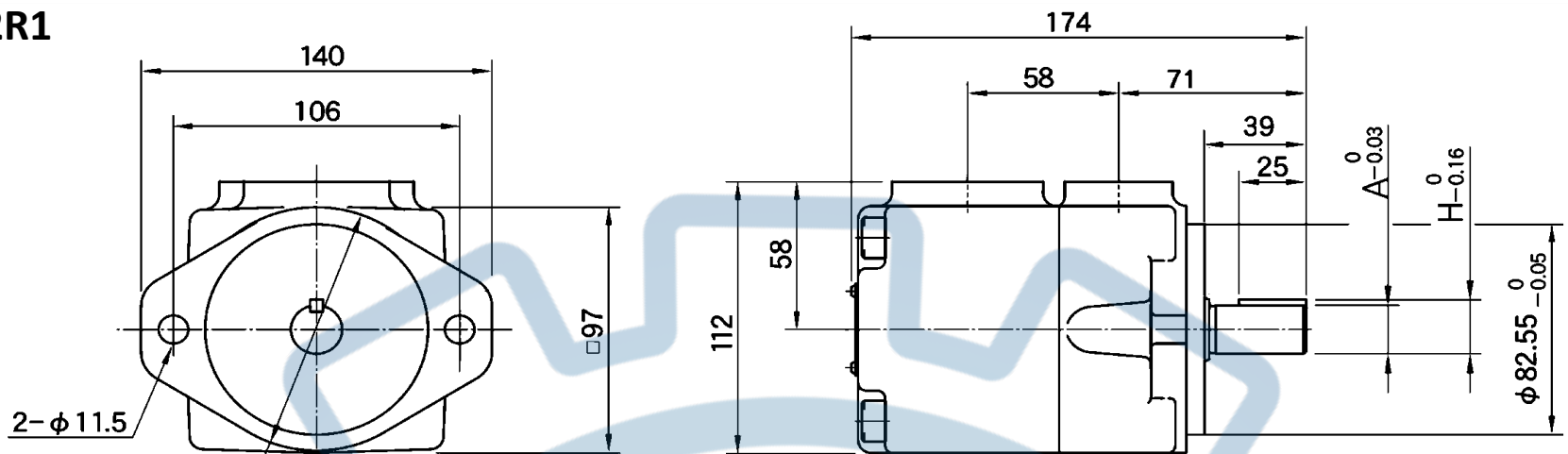
双联泵 Double Pump

型号Series	轴端泵排量Displacement of shaft end pump	盖端泵排量Displacement of cover end pump
PV2R11	4,6,8,10,12,14,17,19,23,25,28,31	4,6,8,10,12,14,17,19,23,25,28,31
PV2R21	17,26,33,41,47,53,59,65,70,75,85	4,6, 8,10,12,14,17,19,23,25,28,31
PV2R31	52,60,66,76,94,116,125,136	4,6, 8,10,12,14,17,19,23,25,28,31
PV2R32	52,60,66,76,94,116,125,136	17,26,33,41,47,53,59,65,70,75,85



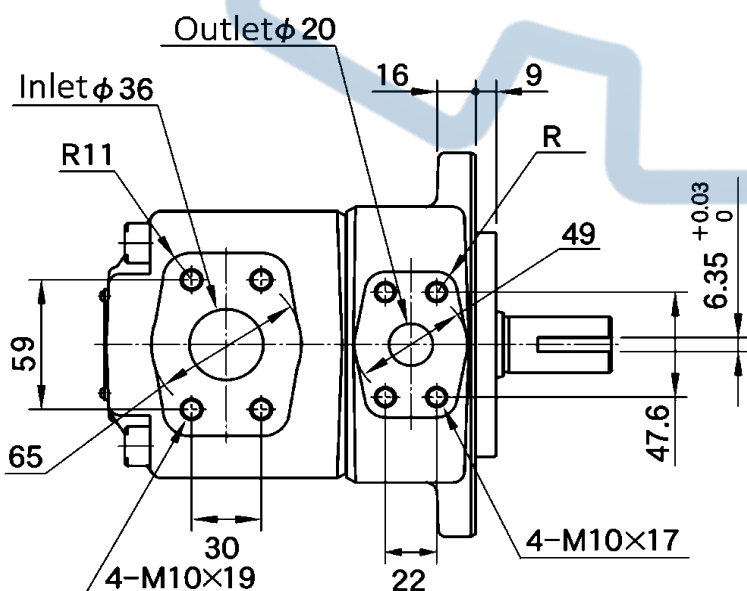
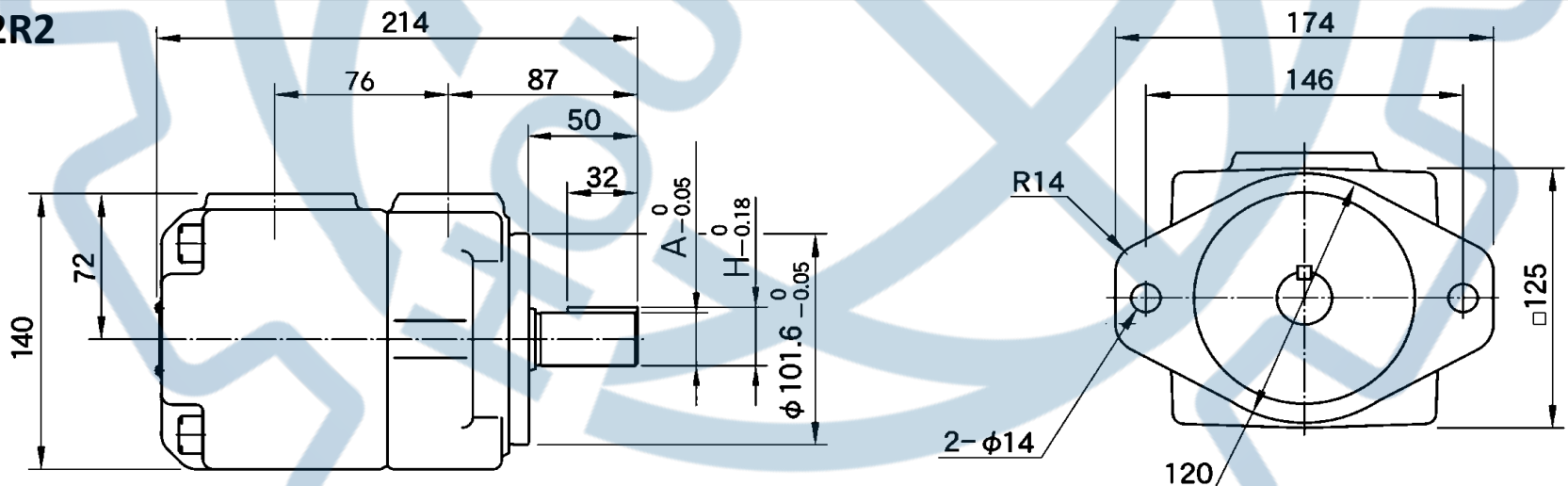
单泵外形安装尺寸 Single Pump Outline Dimension

PV2R1



轴伸形式 Shaft Type	A	B	H
F	φ15.88	3.97	17.68
F1	φ19.05	4.75	21.24

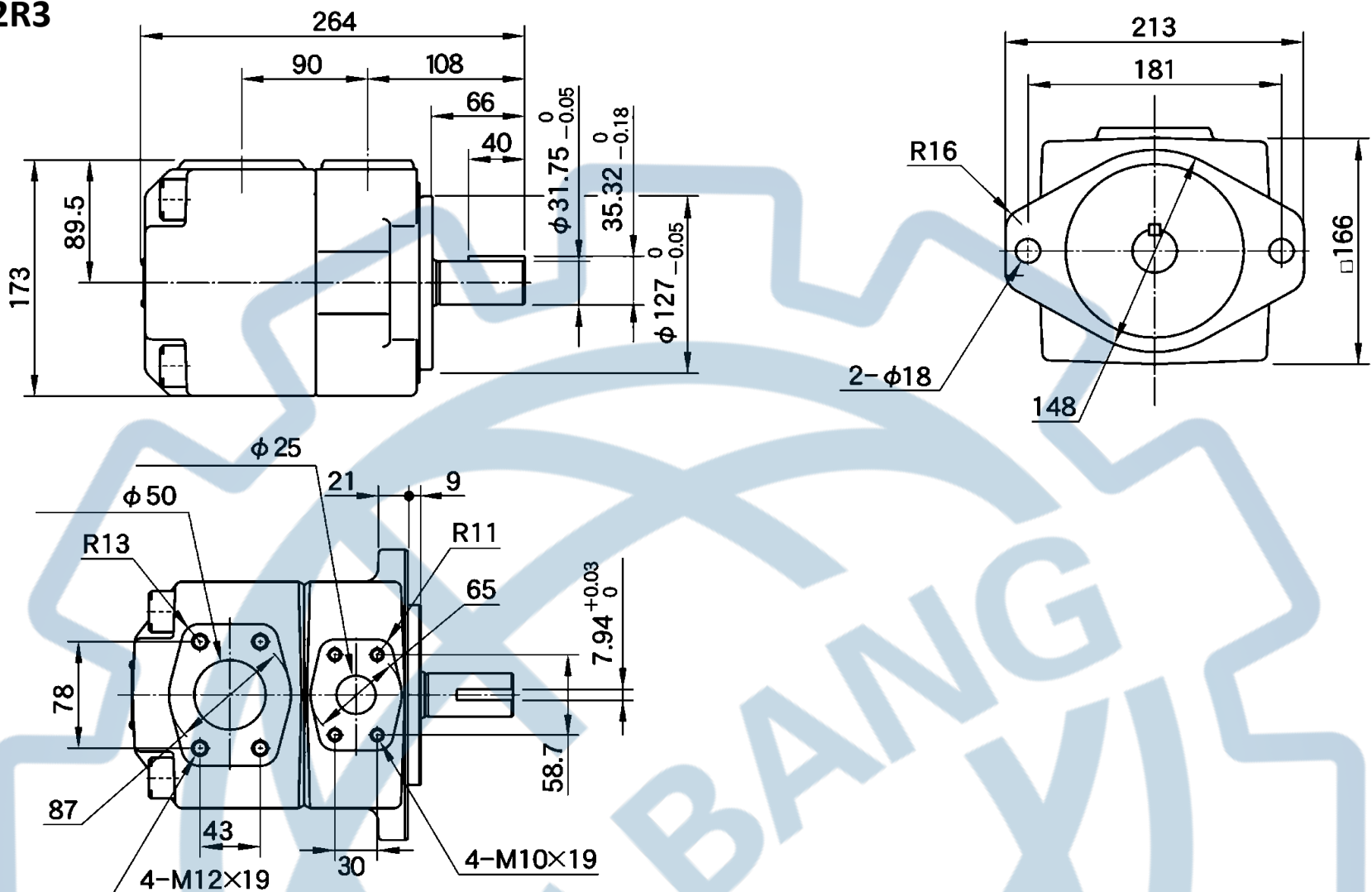
PV2R2



轴伸形式 Shaft Type	A	H
F	φ22.22	25
F1	φ25.4	28.18

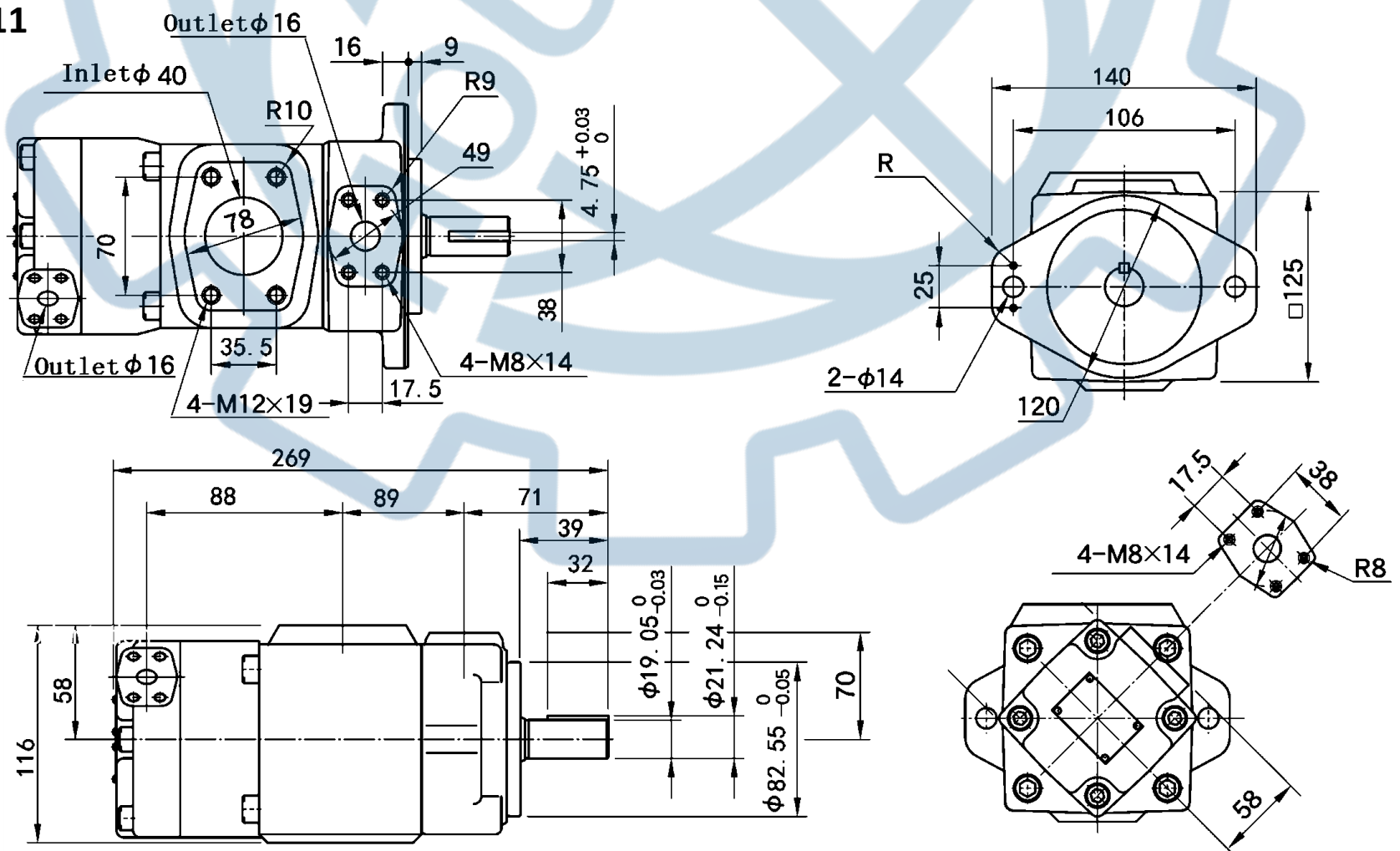
单泵外形安装尺寸 Single Pump Outline Dimension

PV2R3



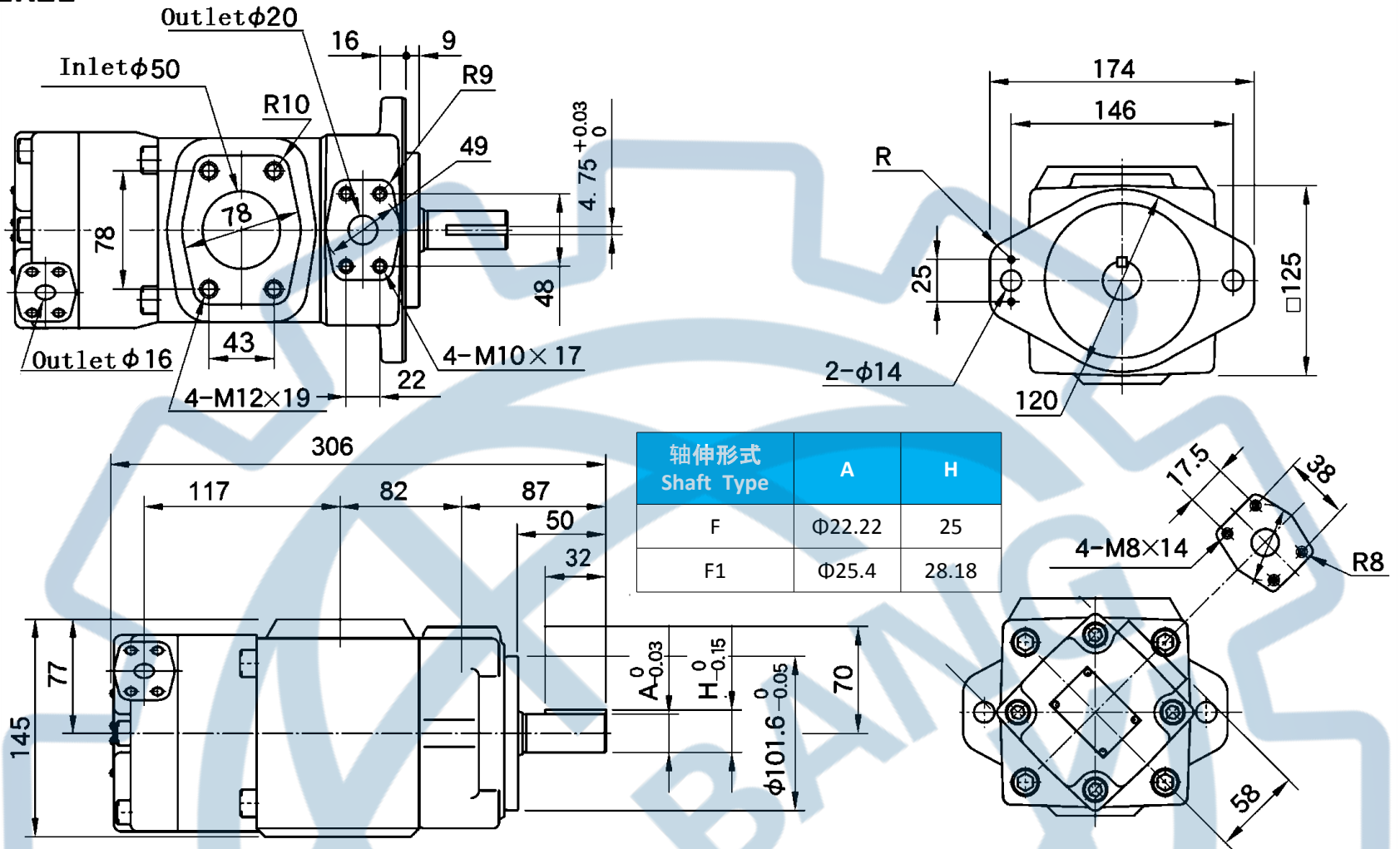
双泵外形安装尺寸 Double Pump Outline Dimension

PV2R11

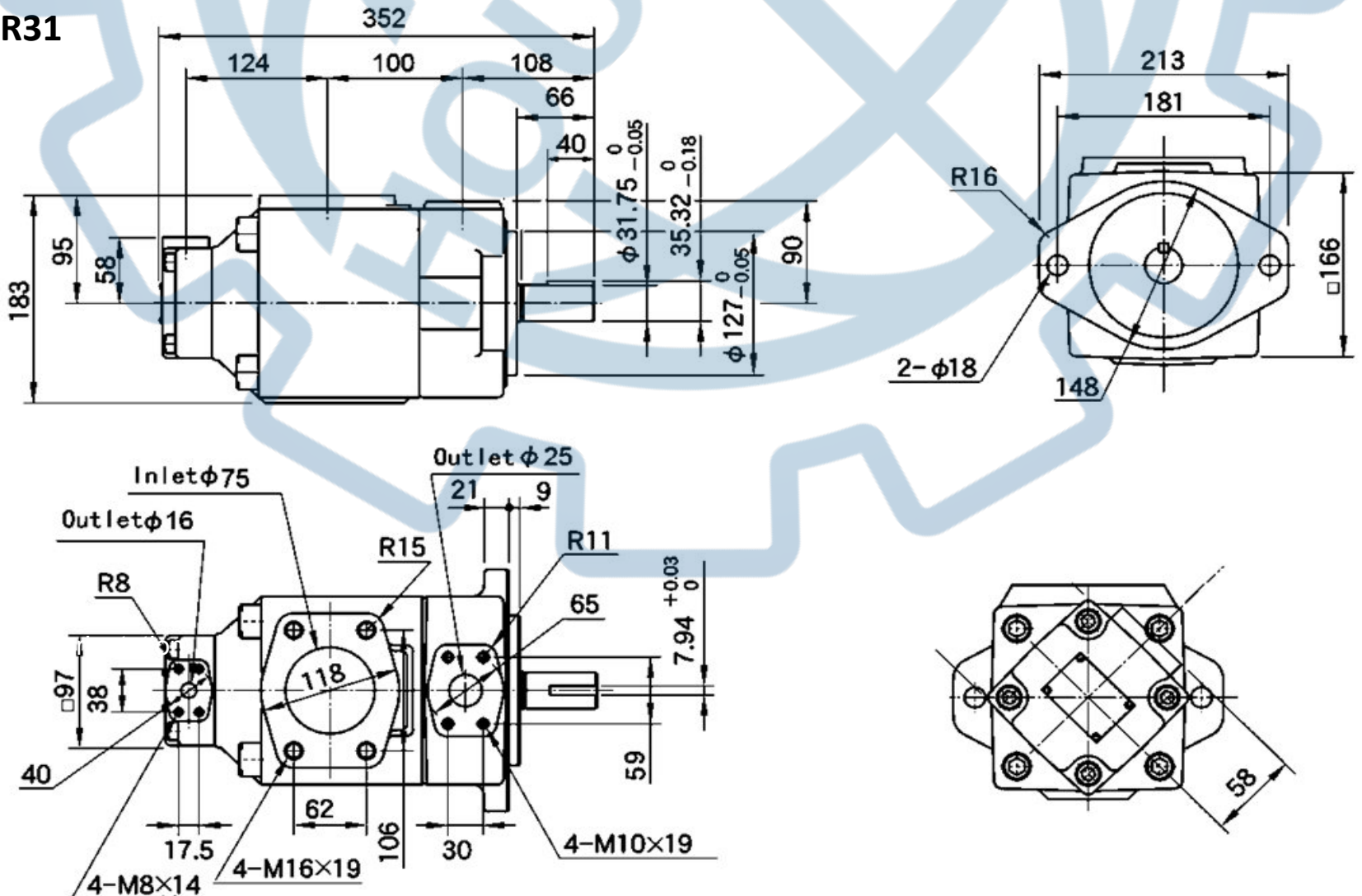


双泵外形安装尺寸 Double Pump Outline Dimension

PV2R21



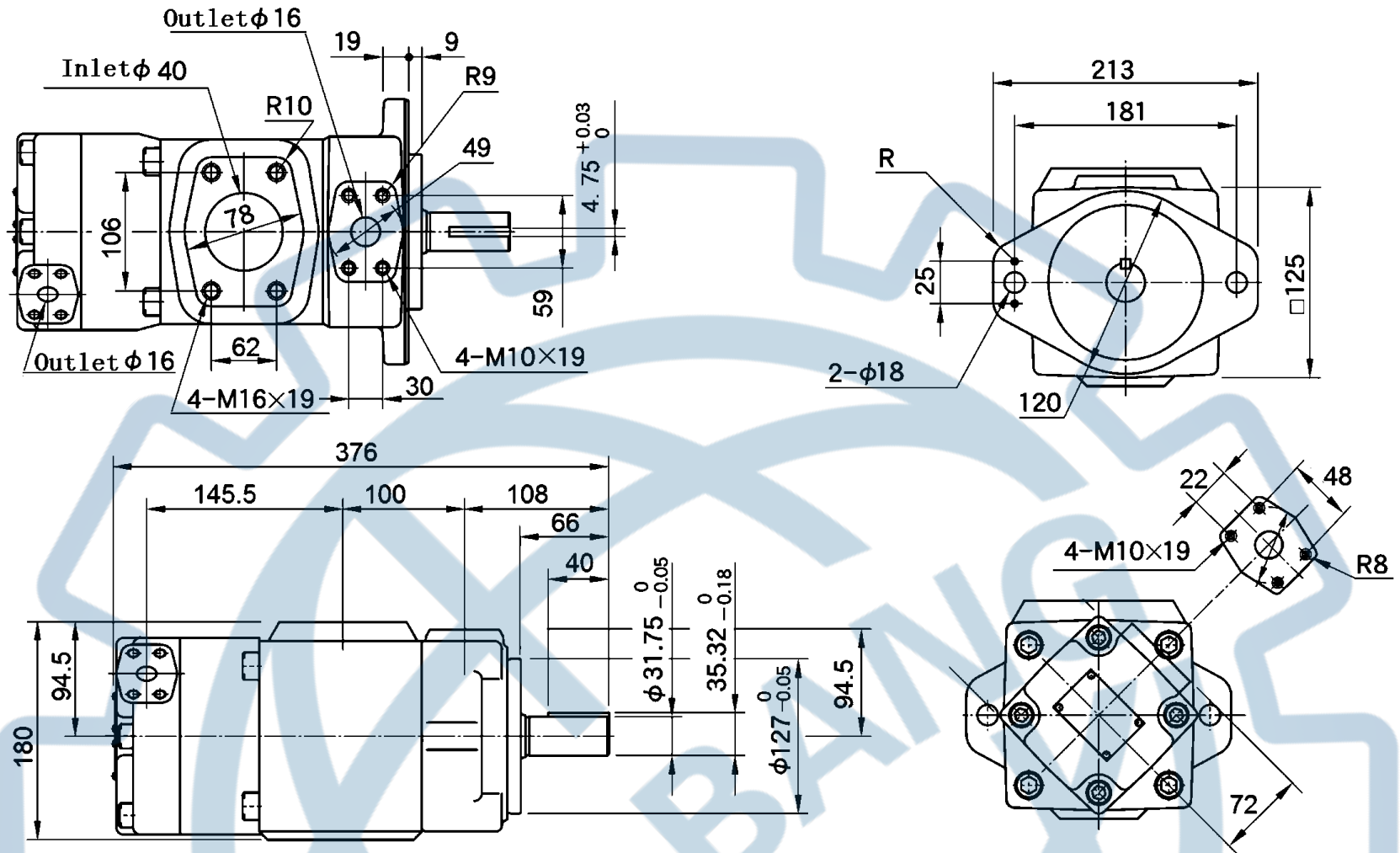
PV2R31





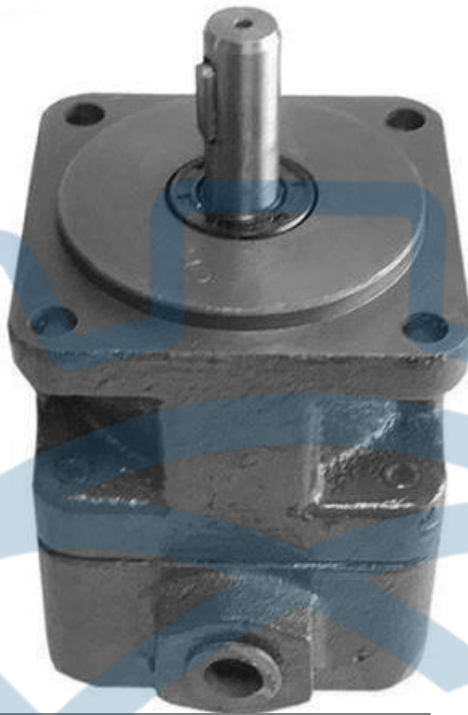
双泵外形安装尺寸 Double Pump Outline Dimension

PV2R32





YB₁ Series Vane Pump



描述Introduction

YB₁ 系列中压叶片泵是YB 型泵的改进产品，适用于中压液压系统。广泛应用于各种机床、自动线、轻工机械、交通机械、农业机械及各种压力机等液压系统。

YB₁ Series vane pumps with middle pressure are the improvement of YB type, used in the hydraulic system with middle pressure, and they can be widely used in cutting, automated line, light industry, transportation, agricultural machinery as well as different pressure machines and so forth.

型号代码Ordering Code

YB - 1 - 10 10 - R A A

双泵的盖端泵出油口
Outlet of cover end pump: A、B、L、R

进油口Inlet: A、B、L、R

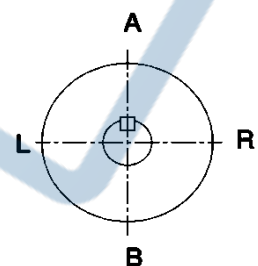
转向Rotation
L:逆时针Counterclockwise R:顺时针Clockwise

双泵的盖端泵公称排量。(mL/r)
Displacement of double pump cover end pump

单泵或双泵轴端泵公称排量
(mL/r)
Displacement of shaft end pump

压力等级
Pressure rating :6.3MPa

系列叶片泵Series vane pumps

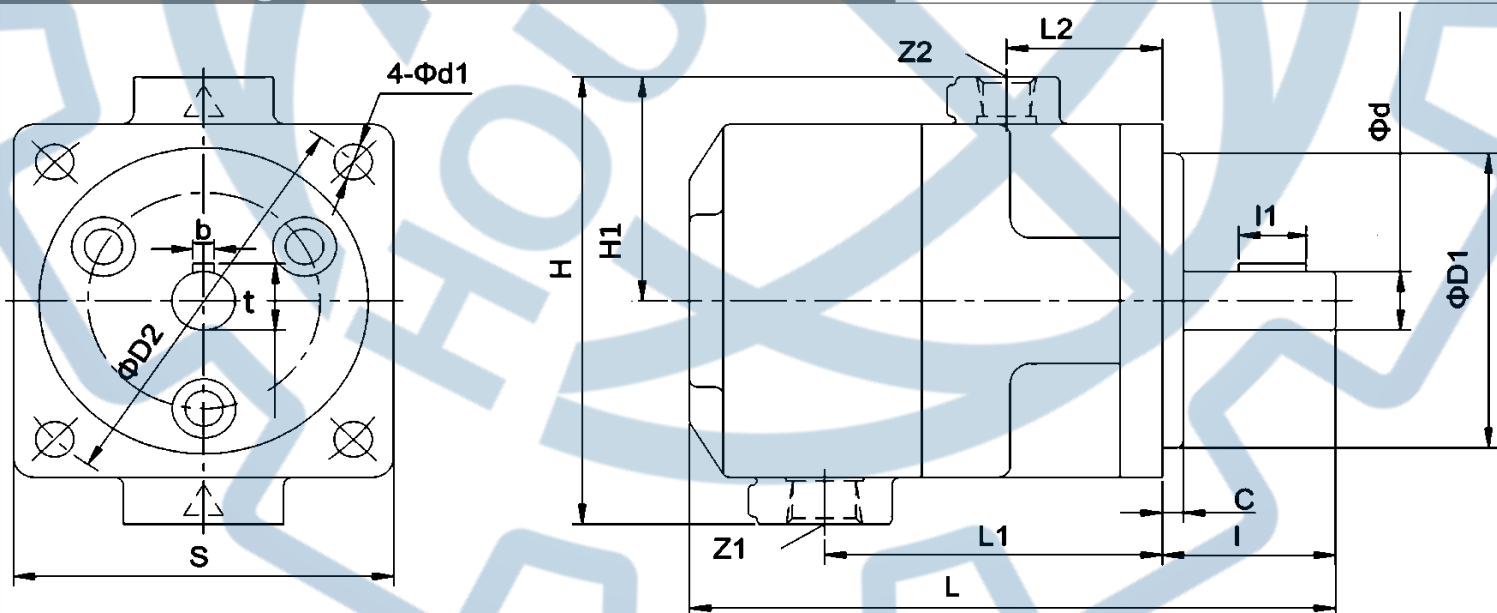




单泵技术参数Specification

型号Model	排量Displacement(mL/r)	额定压力MPa	额定转速Rated pressure (r/min)	功率Power (Kw)	质量Weight (Kg)
YB ₁ -2.5	2.5	6.3	1450	0.6	5.3
YB ₁ -4	4			0.9	
YB ₁ -6.3	6.3			1.4	
YB ₁ -10	10			2.2	
YB ₁ -12.5	12.5			1.6	
YB ₁ -16	16	6.3	960	2.0	8.7
YB ₁ -20	20			2.6	
YB ₁ -25	25			3.3	
YB ₁ -31.5	31.5			4.2	
YB ₁ -40	40	6.3	960	5.2	16
YB ₁ -50	50			6.5	
YB ₁ -63	63			8.2	
YB ₁ -80	80	6.3	960	10.3	20
YB ₁ -100	100			12.8	
YB ₁ -125	125			16.0	

单泵外形安装尺寸Single Pump Outline Dimension



型号Model	L	L1	L2	I	I1	S	H	H1	D1	D2	d	d1	c	t	b	Z1	Z2
YB ₁ -2.5	153	80	36	41	16	90	114	57	75	100	15	9	5	17	5	3/8"	1/4"
YB ₁ -4																	
YB ₁ -6.3																	
YB ₁ -10																	
YB ₁ -12.5	186	98	38	50	20	110	145	73	90	128	20	11	5	22	5	1"	3/4"
YB ₁ -16																	

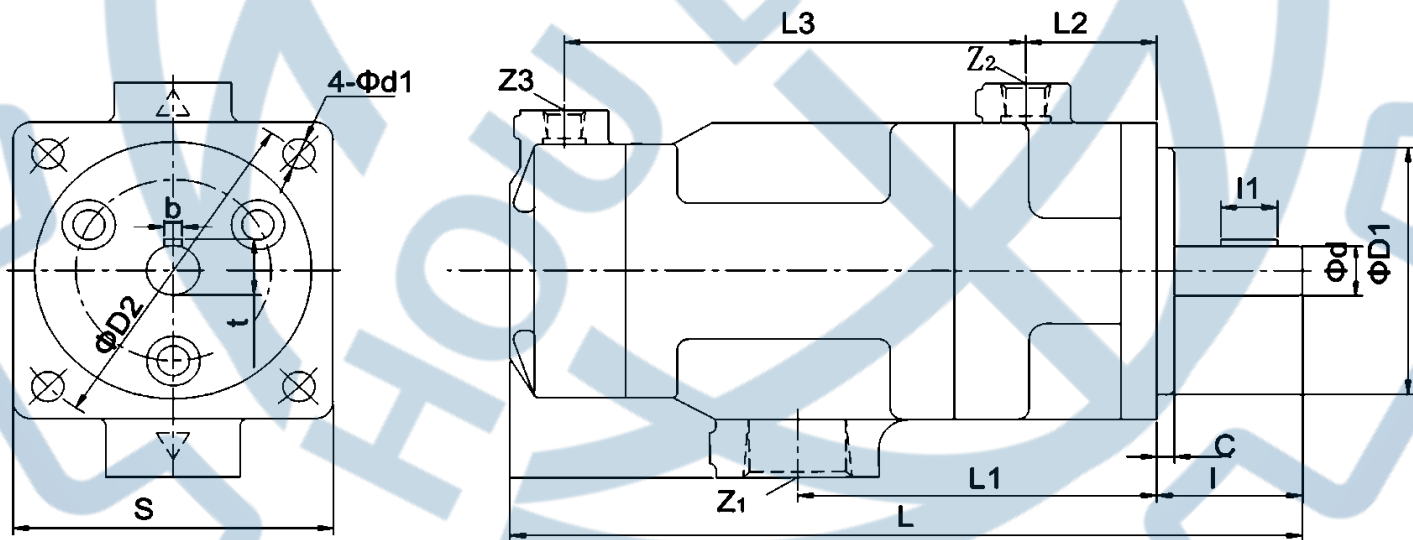


型号 Model	L	L1	L2	l	l1	S	H	H1	D1	D2	d	d1	c	t	b	Z1	Z2
YB ₁ -20	186	98	38	50	20	110	145	73	90	128	20	11	5	22	5	1"	¾"
YB ₁ -25																	
YB ₁ -31/5	211	109	44	55	25	130	170	85	90	150	25	14	5	28	8	1"	1"
YB ₁ -40																	
YB ₁ -50																	
YB ₁ -63	227	118	49	55	28	150	200	100	90	175	30	14	5	33	8	1-1/4"	1"
YB ₁ -80																	
YB ₁ -100																	

双联泵技术参数 Double Pump Specification

型号代码 Model	前泵排量 shaft end pump	后泵排量 Cover end pump	型号 Model	前泵排量 shaft end pump	后泵排量 Cover end pump
CP 11	2.5,4,6,8,10	2.5,4,6,8,10	CP 33	31.5,40,50	31.5,40,50
CP 21	12.5,16,20,25	2.5,4,6,8,10	CP 41	63,80,100	2.5,4,6,8,10
CP 22	12.5,16,20,25	12.5,16,20,25	CP 42	63,80,100	12.5,16,20,25
CP 31	31.5,40,50	2.5,4,6,8,10	CP 43	63,80,100	31.5,40,50
CP 32	31.5,40,50	12.5,16,20,25	CP 44	63,80,100	63,80,100

双联泵外形安装尺寸 Double Pump Outline Dimension



型号 Model	L	L1	L2	L3	l	l1	S	D1	D2	d	d1	t	b	Z1	Z2	Z3
CP11	226	98.5	35	124	41	16	90	75	100	15	9	17	5	3/4"	¾"	¾"
CP21	259	114	38	146	50	20	110	90	128	20	11	22	5	1"	¾"	¾"
CP22	279	122.5	38	168	50	20	110	90	128	20	11	22	5	1"	¾"	3/4"
CP31	284	128	44	160	55	25	130	90	150	25	14	28	8	1-1/4"	1"	¾"
CP32	304	135	44	182	55	25	130	90	150	25	14	28	8	1-1/4"	1"	3/4"
CP33	321	142.5	44	196	55	25	130	90	150	25	14	28	8	1-1/4"	1"	1"
CP41	300	138	49	171	55	28	150	90	175	30	14	33	8	1-1/2"	1"	¾"
CP42	321	146	49	194	55	28	150	90	175	30	14	33	8	1-1/2"	1"	3/4"
CP43	338	153	49	208	55	28	150	90	175	30	14	33	8	2"	1"	1"
CP44	352	158.5	49	218	55	28	150	90	175	30	14	33	8	2"	1"	1"



YB-D Series Vane Pump

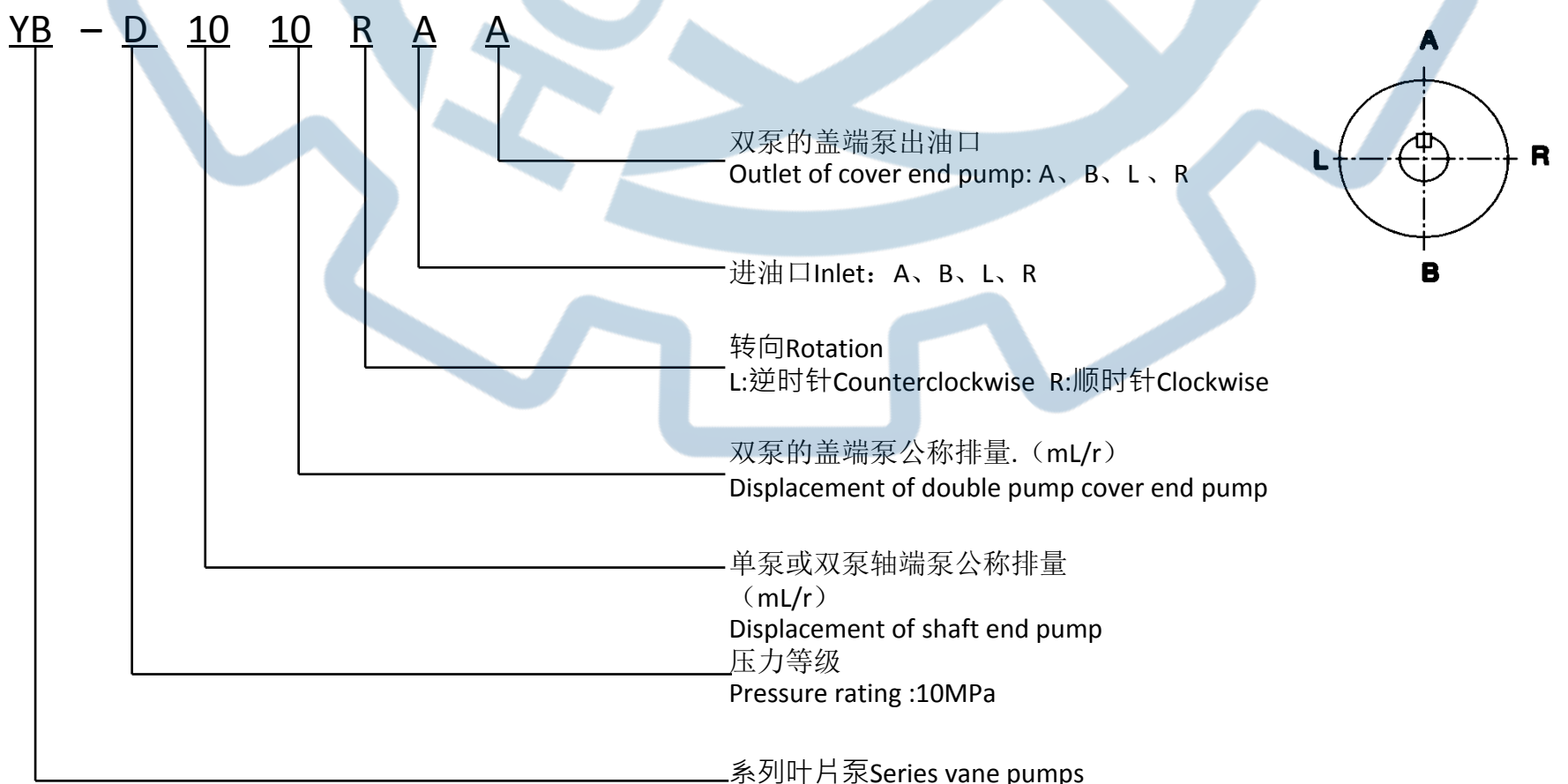


描述Introduction

YB-D 系列中高压叶片泵具有噪声低、压力脉动小、工作可靠等特点。广泛应用于各种切削机械、自动线、轻工机械、交通机械、农业机械及各种压力机等中高压液压系统。

YB-D Series vane pumps with middle and high pressure are featured by lower noise, ultra-low pulse, good creditability and so on. The products can be widely used in cutting, automated line, light industry, transportation and agricultural machinery fields and the like.

型号代码Ordering Code

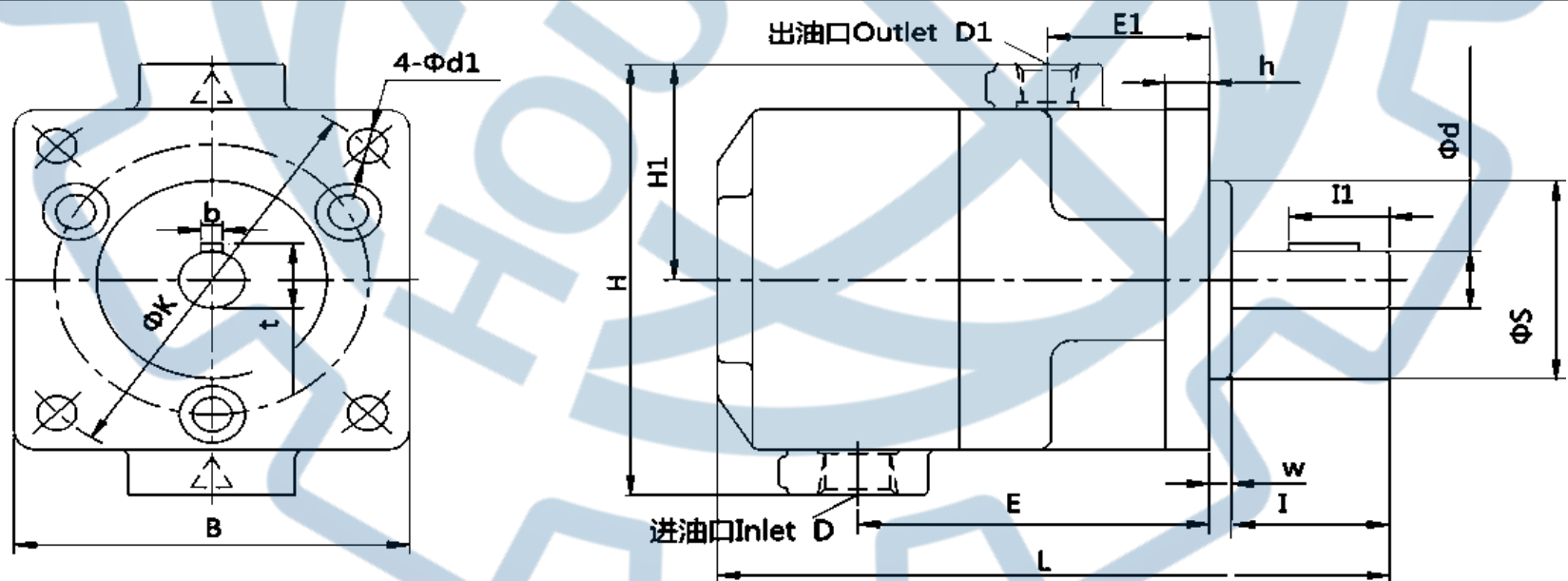




单泵技术参数 Specification

型号 Model	排量 Displacement (mL/r)	额定压力 MPa	额定转速 Rated pressure (r/min)	功率 Power (Kw)	质量 Weight (Kg)
YB-D4	4	10	1450	1.5	5.3
YB-D6.3	6.3			2.3	
YB-D10	10			3.2	
YB-D12.5	12.5		960	2.6	8.7
YB-D16	16			3.5	
YB-D20	20			4.2	
YB-D25	25	5.2			
YB-D31.5	31.5	10	960	6.5	16
YB-D40	40			8.1	
YB-D50	50			10	
YB-D63	63			13	
YB-D80	80			16	
YB-D100	100			20	20

单泵外形安装尺寸 Single Pump Outline Dimension



Model	L	B	H	H1	E	E1	d js7	t	bh9	I	I1	Sh8	K	d1	w	h	D	D1
YB-D4	153	90	114	57	80	36	15	17	5	36	20	75	100	9	5	10	Z3/8 "	Z1/4 "
YB-D6.3																		
YB-D10																		
YB-D12.5	186	110	145	72.5	98	38	20	22	5	45	25	90	128	11	5	12	Z1" "	Z3/4 "
YB-D16																		
YB-D20																		

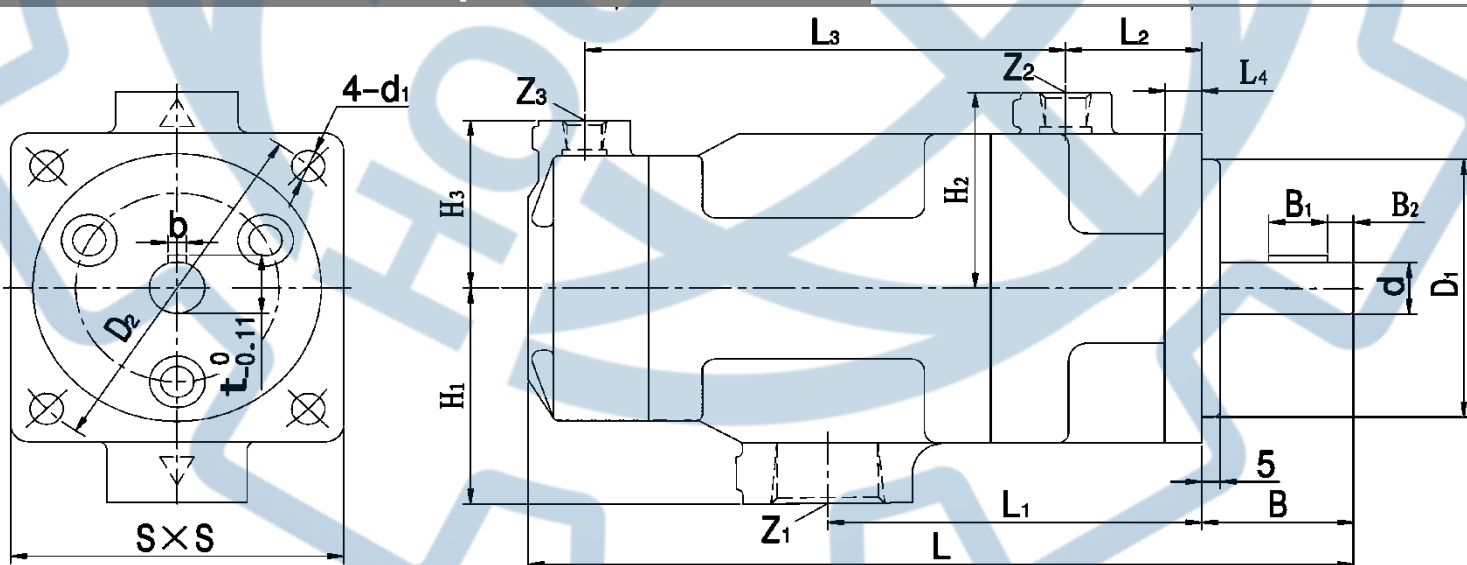


Model	L	B	H	H1	E	E1	d js7	t	bh9	l	l1	Sh8	K	d1	w	h	D	D1
YB-D25	186	110	145	72.5	98	38	20	22	5	45	25	90	128	11	5	12	Z1"	Z3/4"
YB-D31.5	211	130	170	85	109	44	25	28	8	50	36	90	150	14	5	14	Z1"	Z1"
YB-D40																		
YB-D50																		
YB-D63	227	150	200	100	118	49	30	33	8	50	36	90	175	14	5	16	Z1-1/4"	Z1"
YB-D80																		
YB-D100																		

双联泵技术参数 Double Pump Specification

型号代码 Model	前泵排量 shaft end pump	后泵排量 Cover end pump	型号 Model	前泵排量 shaft end pump	后泵排量 Cover end pump
DP11	4,6,8,10	4,6,8,10	DP33	31.5,40,50	31.5,40,50
DP21	12.5,16,20,25	4,6,8,10	DP41	63,80,100	4,6,8,10
DP22	12.5,16,20,25	12.5,16,20,25	DP42	63,80,100	12.5,16,20,25
DP31	31.5,40,50	4,6,8,10	DP43	63,80,100	31.5,40,50
DP32	31.5,40,50	12.5,16,20,25	DP44	63,80,100	63,80,100

双联泵外形安装尺寸 Double Pump Outline Dimension



Model	L	L1	L2	L3	L4	B	B1	B2	S	D1h8	D2
DP11	226	98.5	36	124	10	41	16	4	90	Φ75	Φ100
DP21	259	114	38	146	12	50	20	6	110	Φ90	Φ128
DP22	279	122.5	38	168	12	50	20	6	100	Φ90	Φ128
DP31	284	128	44	160	14	55	25	6	130	Φ90	Φ150
DP32	304	135	44	182	14	55	25	6	130	Φ90	Φ150
DP33	321	142.5	44	196	14	55	25	6	130	Φ90	Φ150

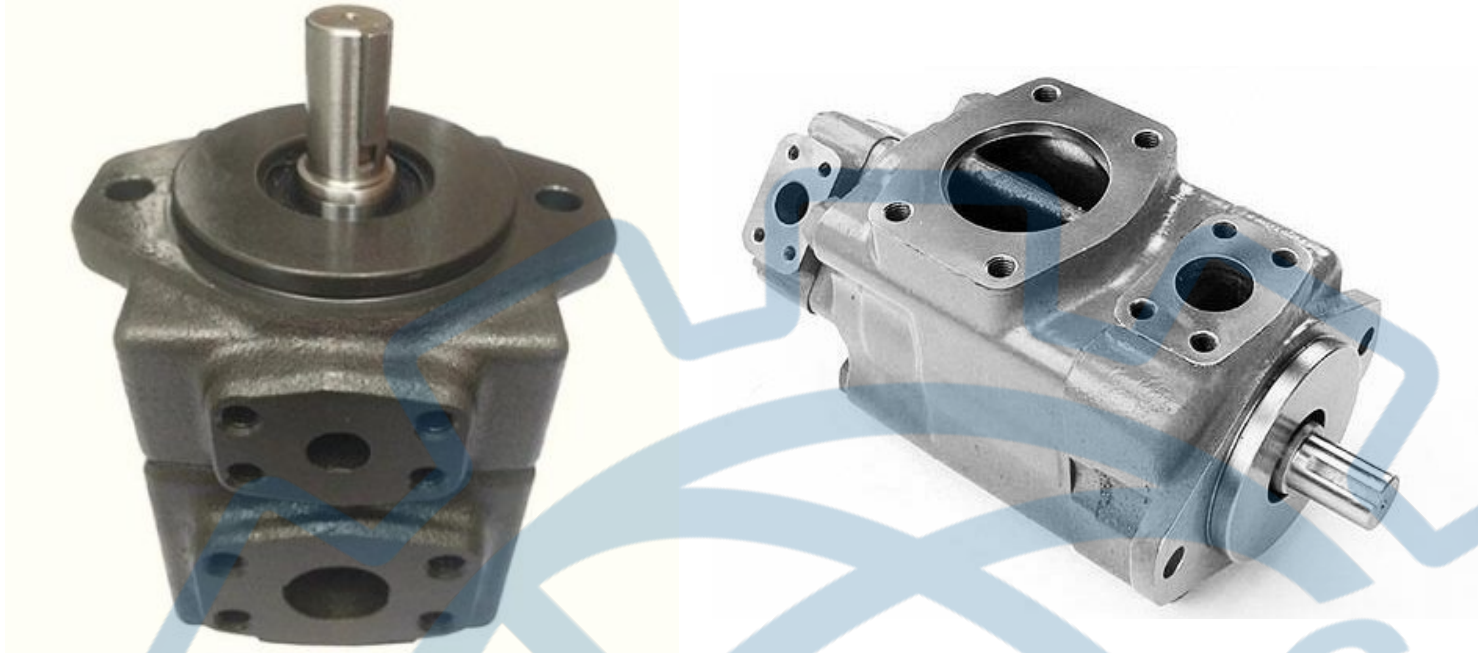


Model	L	L1	L2	L3	L4	B	B1	B2	S	D1h8	D2
DP41	300	138	49	171	16	55	28	6	150	Φ90	Φ175
DP42	321	146	49	194	16	55	28	6	150	Φ90	Φ175
DP43	338	153	49	208	16	55	28	6	150	Φ90	Φ175
DP44	352	158.5	49	218	16	55	28	6	150	Φ90	Φ175

Model	d js7	d1	t	b h9	Z1	Z2	Z3	H1	H2	H3
DP11	Φ15	Φ9	17	5	NPT3/4	NPT1/4	NPT1/4	60	57	57
DP21	Φ20	Φ11	22	5	NPT1	NPT3/4	NPT1/4	72.5	72.5	57
DP22	Φ20	Φ11	22	5	NPT1	NPT3/4	NPT3/4	72.5	72.5	72.5
DP31	25	14	28	8	NPT1-1/4	NPT1	NPT1/4	90	85	57
DP32	25	14	28	8	NPT1-1/4	NPT1	NPT3/4	90	85	72.5
DP33	25	14	28	8	NPT1-1/4	NPT1	NPT1	90	85	85
DP41	30	14	33	8	NPT1-1/2	NPT1	NPT1/4	100	100	57
DP42	30	14	33	8	NPT1-1/2	NPT1	NPT3/4	100	100	72.5
DP43	30	14	33	8	NPT2	NPT1	NPT1	100	100	85
DP44	30	14	33	8	NPT2	NPT1	NPT1	100	100	100



YB-E Series Vane Pump



描述Introduction

YB-E系列中高压叶片泵具有噪声低、压力脉动小、工作可靠等特点。广泛应用于各种切削机械、自动线、轻工机械、交通机械、农业机械及各种压力机等中高压液压系统。

YB-E Series vane pumps with middle and high pressure are featured by lower noise, ultra-low pulse, good creditability and so on. The products can be widely used in cutting, automated line, light industry, transportation and agricultural machinery fields and the like.

型号代码Ordering Code

YB - E - 10 10 - R A A

双泵的盖端泵出油口 Outlet of cover end pump:

A、B、L、R

进油口 Inlet: A、B、L、R

转向 Rotation

L: 逆时针 Counterclockwise R: 顺时针 Clockwise

双泵的盖端泵公称排量. (mL/r)

Displacement of double pump cover end pump

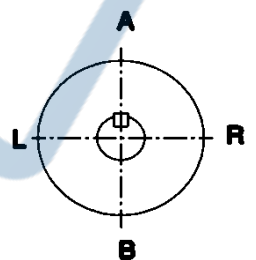
单泵或双泵轴端泵公称排量 (mL/r)

Displacement of shaft end pump

压力等级

Pressure rating :16MPa

系列叶片泵 Series vane pumps

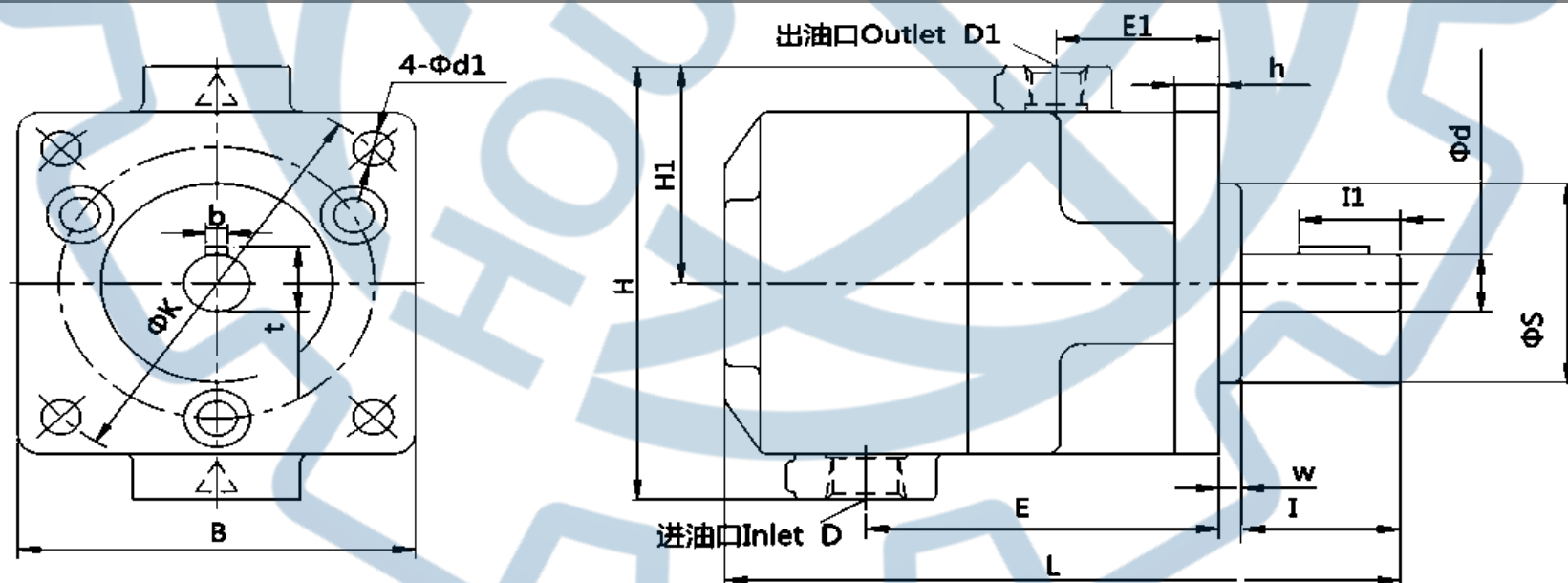




单泵技术参数 Specification

型号 Model	排量 Displacement (mL/r)	额定压力 MPa	额定转速 Rated pressure (r/min)	功率 Power (Kw)	质量 Weight (Kg)
YB-D4	4	10	1450	1.5	5.3
YB-D6.3	6.3			2.3	
YB-D10	10			3.2	
YB-D12.5	12.5		960	2.6	16
YB-D16	16			3.5	
YB-D20	20			4.2	
YB-D25	25	5.2			
YB-D31.5	31.5	10	960	6.5	20
YB-D40	40			8.1	
YB-D50	50			10	
YB-D63	63		960	13	16
YB-D80	80			16	
YB-D100	100			20	

单泵外形安装尺寸 Single Pump Outline Dimension



Model	L	B	H	H1	E	E1	d js7	t	bh9	I	I1	Sh8	K	d1	w	h	D	D1
YB-D4	153	90	114	57	80	36	15	17	5	36	20	75	100	9	5	10	Z3/8 "	Z1/4 "
YB-D6.3																		
YB-D10																		
YB-D12.5	186	110	145	72.5	98	38	20	22	5	45	25	90	128	11	5	12	Z1" "	Z3/4 "
YB-D16																		
YB-D20																		

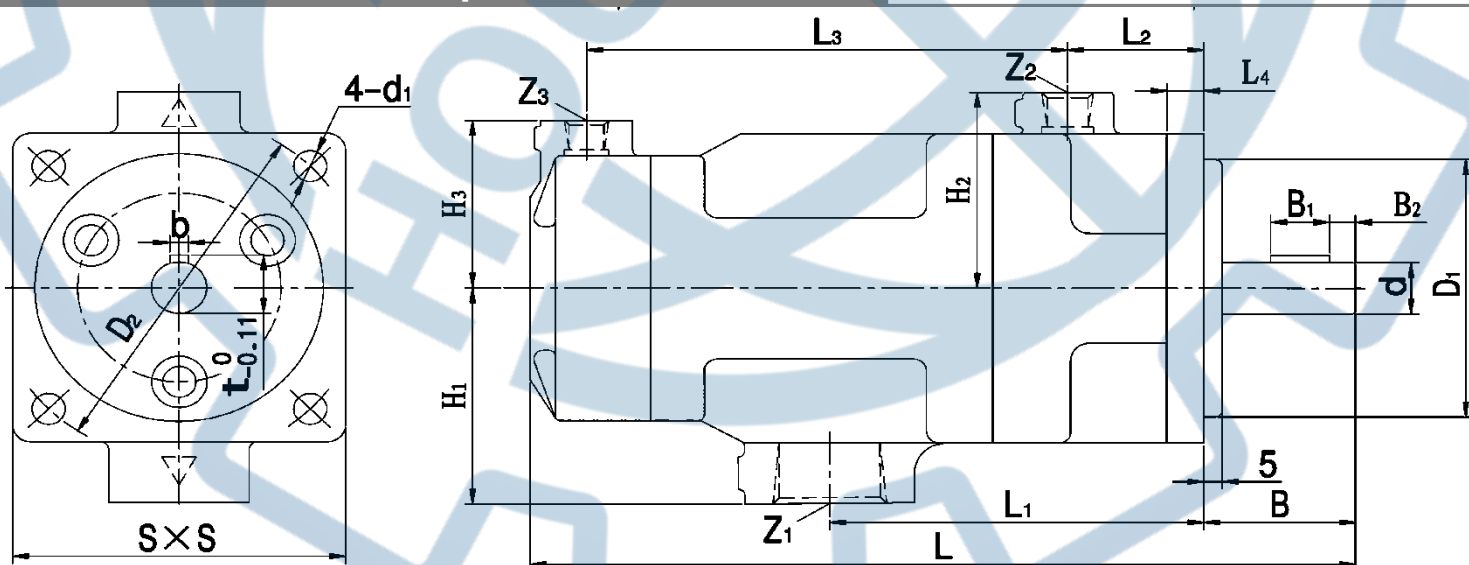


Model	L	B	H	H1	E	E1	d js7	t	bh9	l	l1	Sh8	K	d1	w	h	D	D1
YB-D25	186	110	145	72.5	98	38	20	22	5	45	25	90	128	11	5	12	Z1"	Z3/4"
YB-D31.5	211	130	170	85	109	44	25	28	8	50	36	90	150	14	5	14	Z1"	Z1"
YB-D40																		
YB-D50																		
YB-D63	227	150	200	100	118	49	30	33	8	50	36	90	175	14	5	16	Z1-1/4"	Z1"
YB-D80																		
YB-D100																		

双联泵技术参数 Double Pump Specification

型号代码 Model	前泵排量 shaft end pump	后泵排量 Cover end pump	型号 Model	前泵排量 shaft end pump	后泵排量 Cover end pump
DP11	4,6,8,10	4,6,8,10	DP33	31.5,40,50	31.5,40,50
DP21	12.5,16,20,25	4,6,8,10	DP41	63,80,100	4,6,8,10
DP22	12.5,16,20,25	12.5,16,20,25	DP42	63,80,100	12.5,16,20,25
DP31	31.5,40,50	4,6,8,10	DP43	63,80,100	31.5,40,50
DP32	31.5,40,50	12.5,16,20,25	DP44	63,80,100	63,80,100

双联泵外形安装尺寸 Double Pump Outline Dimension



Model	L	L1	L2	L3	L4	B	B1	B2	S	D1h8	D2
DP11	226	98.5	36	124	10	41	16	4	90	Φ75	Φ100
DP21	259	114	38	146	12	50	20	6	110	Φ90	Φ128
DP22	279	122.5	38	168	12	50	20	6	100	Φ90	Φ128
DP31	284	128	44	160	14	55	25	6	130	Φ90	Φ150
DP32	304	135	44	182	14	55	25	6	130	Φ90	Φ150
DP33	321	142.5	44	196	14	55	25	6	130	Φ90	Φ150

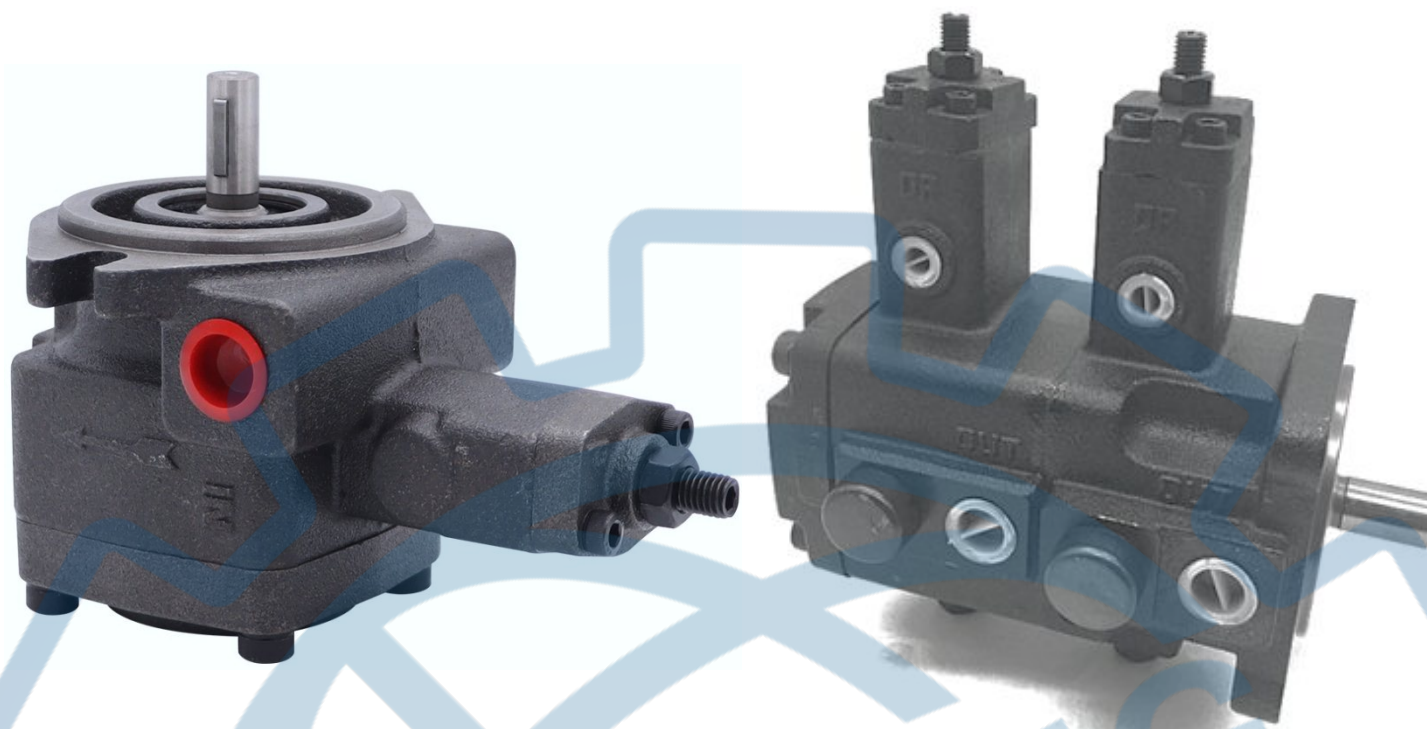


Model	L	L1	L2	L3	L4	B	B1	B2	S	D1h8	D2
DP41	300	138	49	171	16	55	28	6	150	Φ90	Φ175
DP42	321	146	49	194	16	55	28	6	150	Φ90	Φ175
DP43	338	153	49	208	16	55	28	6	150	Φ90	Φ175
DP44	352	158.5	49	218	16	55	28	6	150	Φ90	Φ175

Model	d js7	d1	t	b h9	Z1	Z2	Z3	H1	H2	H3
DP11	Φ15	Φ9	17	5	NPT3/4	NPT1/4	NPT1/4	60	57	57
DP21	Φ20	Φ11	22	5	NPT1	NPT3/4	NPT1/4	72.5	72.5	57
DP22	Φ20	Φ11	22	5	NPT1	NPT3/4	NPT3/4	72.5	72.5	72.5
DP31	25	14	28	8	NPT1-1/4	NPT1	NPT1/4	90	85	57
DP32	25	14	28	8	NPT1-1/4	NPT1	NPT3/4	90	85	72.5
DP33	25	14	28	8	NPT1-1/4	NPT1	NPT1	90	85	85
DP41	30	14	33	8	NPT1-1/2	NPT1	NPT1/4	100	100	57
DP42	30	14	33	8	NPT1-1/2	NPT1	NPT3/4	100	100	72.5
DP43	30	14	33	8	NPT2	NPT1	NPT1	100	100	85
DP44	30	14	33	8	NPT2	NPT1	NPT1	100	100	100



VP Series Variable Displacement Vane Pumps



描述Introduction

VP 系列变量叶片泵属限压式变量叶片泵，具有压力调整装置和流量调整装置。泵的输出流量可根据负载变化自动调节，使其输出功率与负载工作速度和负载大小相适应，具有高效、节能、安全可靠等特点，特别适用于作容积调速的液压系统中的动力源，如金属切削机床、压力机械、皮革机械、液压站等。

VP Series variable Displacement vane pumps are the products with limiting pressure, equipped with both pressure and flow adjustment facilities. The outlet flow of the pump can regulate itself automatically according to the load, by which the outlet power and the working speed are in tune with the load. The pump is characterized by high efficiency, saving energy, safety and creditability and so on, and can be used in the hydraulic system for volumetric regulation, for instance, cutting machine tools, pressure and leather machinery, hydraulic station, and so on.

型号代码Ordering Code

M - V P - 1 1 1 - 1 0.75

驱动功率Input power kW
带电机时标注 Marking with motor

压力调整范围Operating pressure range

公称排量 (mL/r) Displacement

子系列代号Subsidiary series

变量叶片泵Variable vane pump

M-带电动机With motor



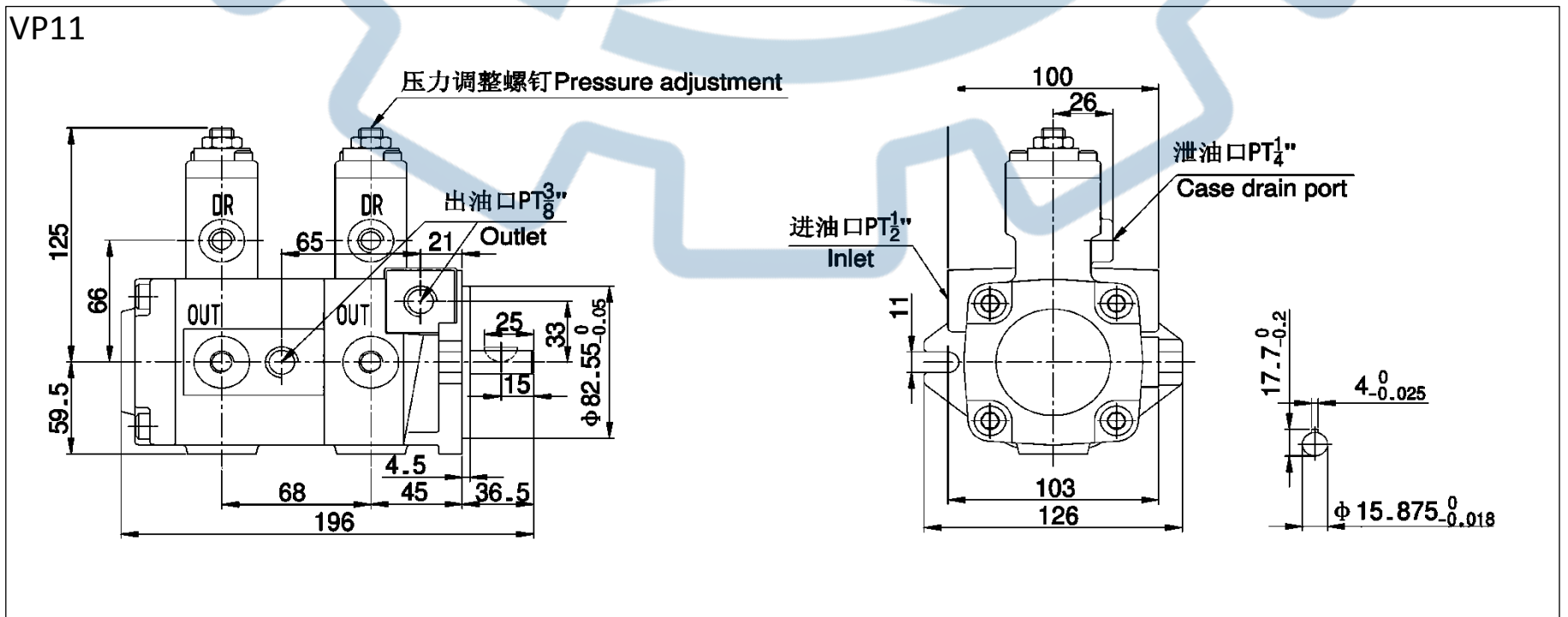
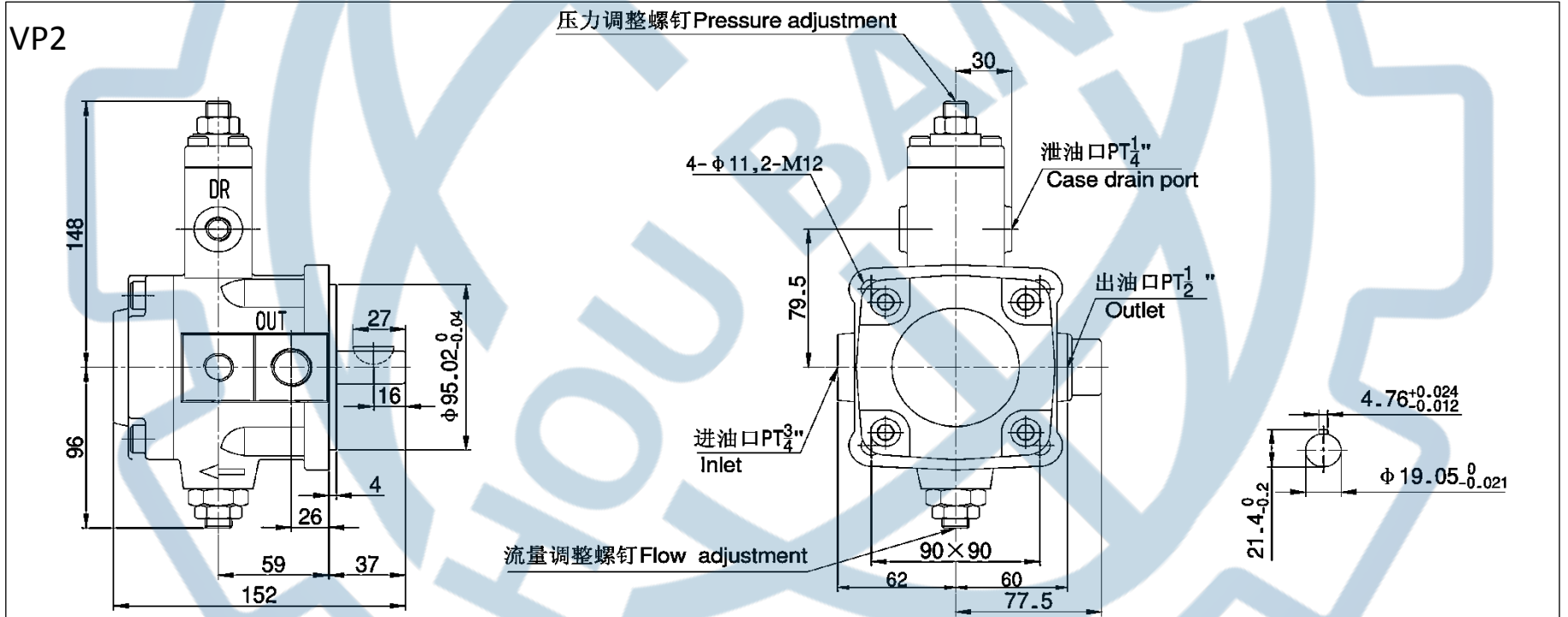
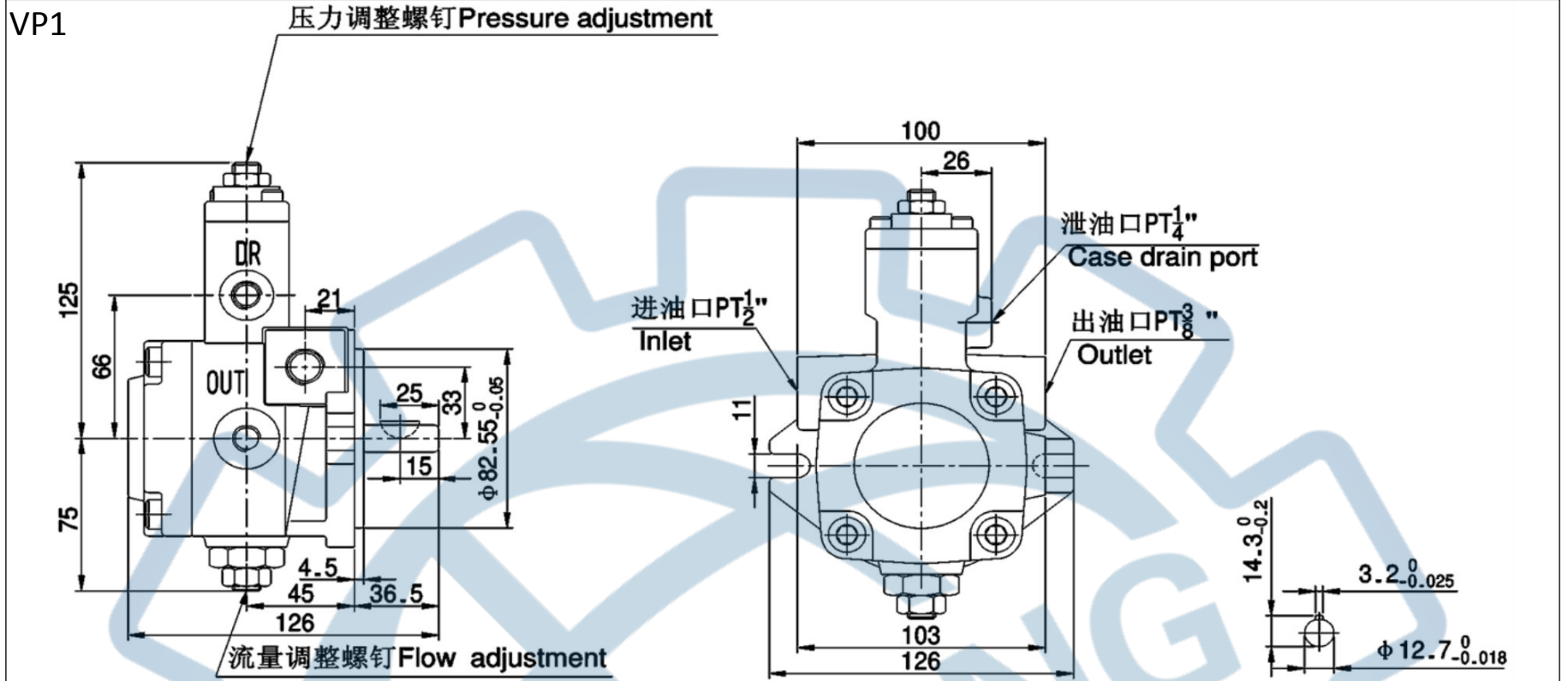
技术参数 Specification

型号 Model	最大流量 Outlet flow (L/min) at 0.35MPa and 1800 r/min	压力调整 Operating pressure range (Mpa)	转速范围 Range of speed r/min	旋转方向 (从轴端看) rotation (Viewed from shaft end)	驱动功率 Power Kw		质量 Weight kg
					1500rpm	1800rpm	
VP1-8-20	8	1.0—2.0	800-1800	顺时针 Clockwise	0.37	0.37	5
VP1-8-35		1.5—3.5			0.55	0.75	
VP1-8-55		3.0—5.5			0.75	1.1	
VP1-8-70		5.0—7.0			1.5	1.5	
VP1-12-20	12	1.0—2.0			0.37	0.37	
VP1-12-35		1.5—3.5			0.55	0.75	
VP1-12-55		3.0—5.5			0.75	1.1	
VP1-12-70		5.0—7.0			1.5	1.5	
VP1-15-20	15	1.0—2.0			0.55	0.5	
VP1-15-35		1.5—3.5			0.75	1.1	
VP1-15-55		3.0—5.5			1.1	1.5	
VP1-15-70		5.0—7.0			1.5	1.5	
VP1-20-20	20	1.0—2.0			0.55	0.75	
VP1-20-35		1.5—3.5			1.1	1.1	
VP1-20-55		3.0—5.5			1.5	1.5	
VP1-20-70		5.0—7.0			2.2	2.2	
VP2-30-20	30	1.0—2.0	0.75	1.1			
VP2-30-35		1.5—3.5	1.5	1.5			
VP2-30-55		3.0—5.5	2.2	2.2			
VP2-30-70		5.0—7.0	3.0	3.75			
VP2-40-20	40	1.0—2.0	1.1	1.5			
VP2-40-35		1.5—3.5	2.0	2.2			
VP2-40-55		3.0—5.5	3.0	3.75			
VP2-40-70		5.0—7.0	4.0	5.5			

双联泵技术参数 Double Pump Specification

系列代号 Series	轴端泵排量代号 Displacement code of shaft end pump	盖端泵排量代号 Displacement code of cover end pump
VP11	8、12、15、20	8、12、15、20
VP22	30、40	30、40

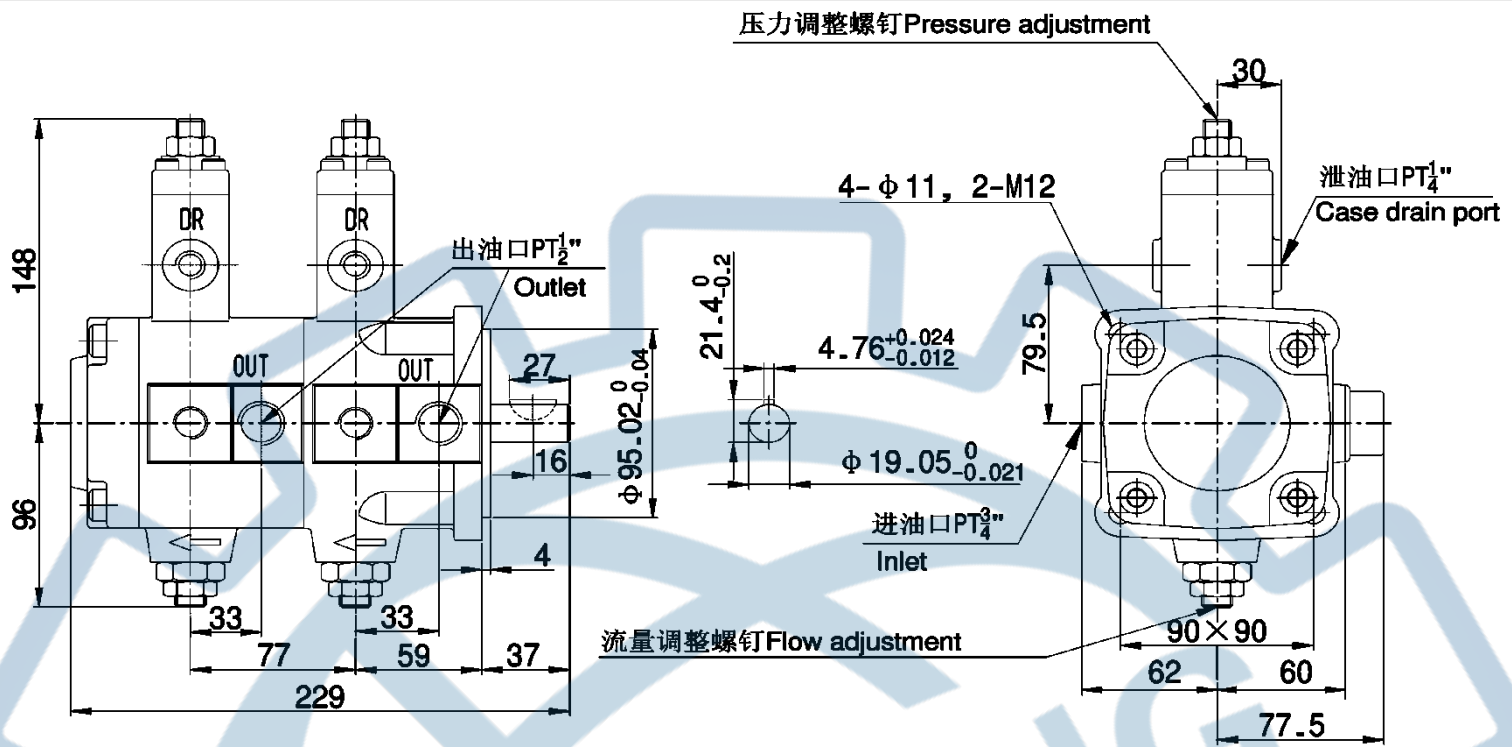
泵外形安装尺寸 Pump Outline Dimension



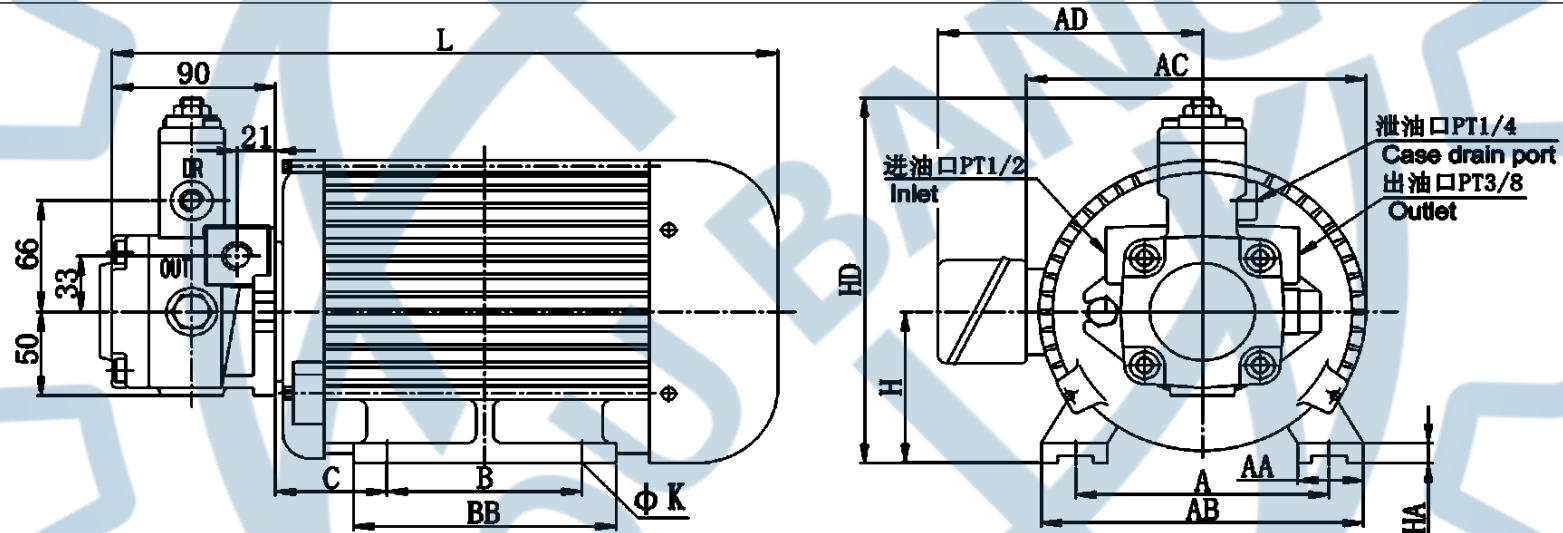


泵外形安装尺寸 Pump Outline Dimension

VP22



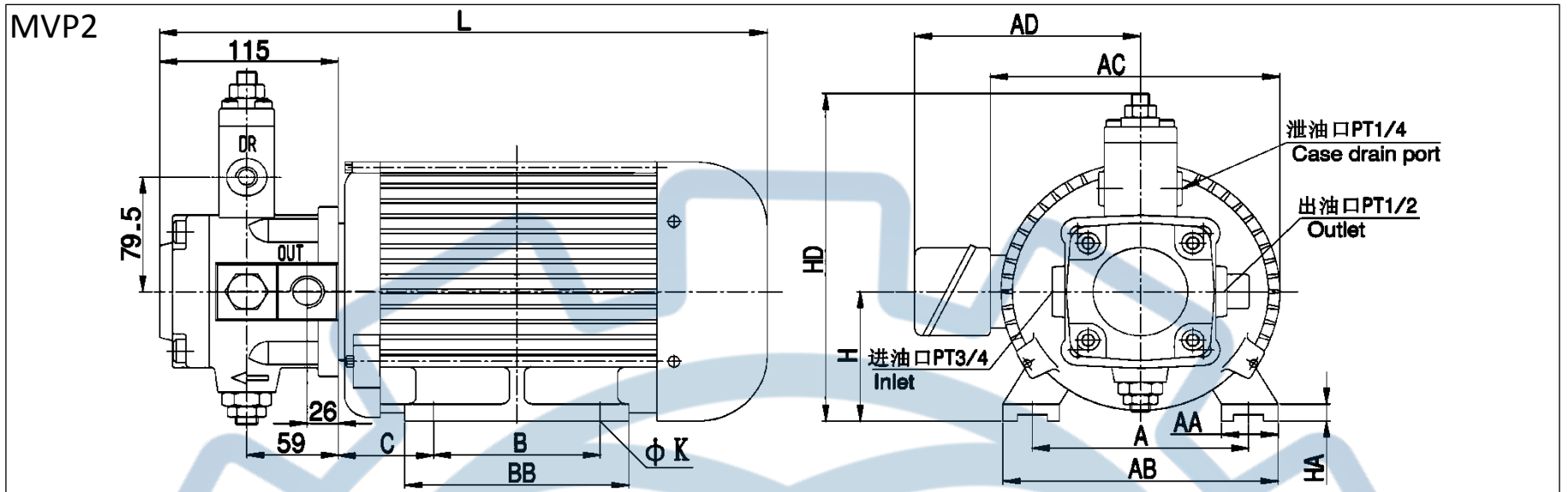
MVP1



排量 (cc/rev) Load	压力 Pressure Mpa	驱动功率 Input power Kw	A	AA	AB	AC	AD	B	BB	C	H	HA	HD	K	L
12	3.5	0.75	125	35	155	177	140	100	130	53.5	80	10	207	10	330
	5.5	0.75	125	35	155	177	140	100	130	53.5	80	10	207	10	330
	7.0	1.50	140	35	170	196	160	125	150	57	90	10	217	12	368
15	3.5	0.75	125	35	155	177	140	100	130	53.5	80	10	207	10	330
	5.5	1.50	140	35	170	196	160	125	150	57	90	10	217	12	368
	7.0	1.50	140	35	170	196	160	125	150	57	90	10	217	12	368
20	3.5	0.75	125	35	155	177	140	100	130	53.5	80	10	207	10	330
	5.5	1.50	140	35	170	196	160	125	150	57	90	10	217	12	368
	7.0	1.50	140	35	170	196	160	125	150	57	90	10	217	12	368



泵外形安装尺寸 Pump Outline Dimension



排量 (cc/rev)	压力 Pressure Mpa	驱动功率 Input power Kw	A	AA	AB	AC	AD	B	BB	C	H	HA	HD	K	L
30	3.5	1.5	140	35	170	196	160	125	150	57	90	10	238	12	393
	5.5	2.25	160	45	200	225	160	140	175	65	100	12	248	12	422
	7.0	3.75	190	45	228	245	180	140	175	73.5	112	12	260	12	445
40	3.5	1.5	140	35	170	196	160	125	150	57	90	10	238	12	393
	5.5	3.75	190	45	228	245	180	140	175	73.5	112	12	260	12	445
	7.0	5.5	216	45	250	270	190	140	175	77	132	16	280	12	450