

VG 系列双联泵 Series Double Pump

双联泵简介/Introduction double pump

双联泵是由两个单泵串联组装而成，具有一个共用的进油口和独立的出油口，按照两个泵的系列组合，可获得多种排量：

VG10D 系列、VG11D 系列、VG21D 系列、VG22D 系列

The double pump is composed of two single pumps assembled in series, with one oil inlet and independent oil outlet, according to the series of two pumps, can be obtained displacement:

VG10D series, VG11D series, VG21D series, VG22D series.



型号说明/Model Designation

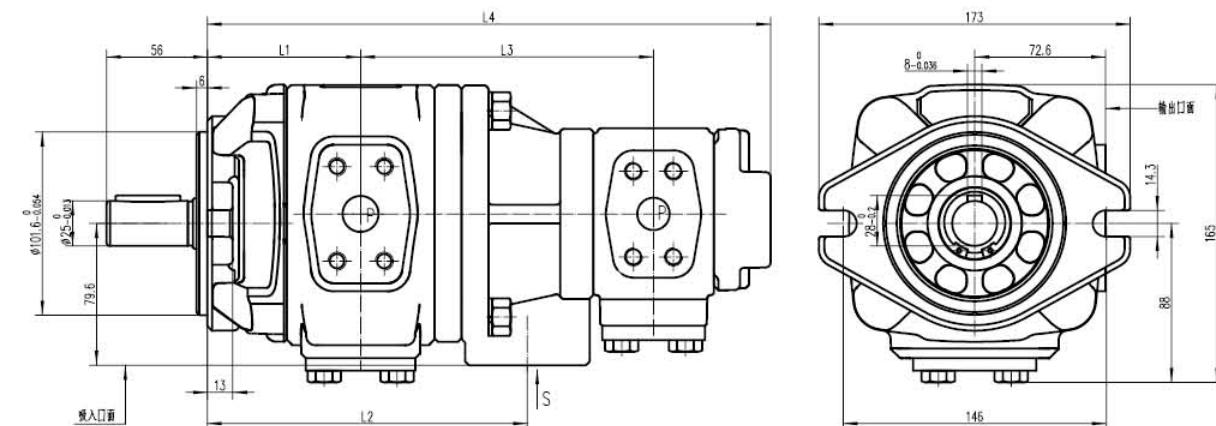
VG11D	-63	-40	R	E	W	-A1
系列号 Series	轴端泵排量代号 ml/r Flow code of shaft end pump	盖端泵排量代号 ml/r Flow code of cover end pump	旋转方向 Rotation direction	轴伸形式 Shaft type	密封材料 Sealing material	设计号 Design number
VG10D	25、32、40、50、63	8、10、13、16、20、25	从泵轴端看 Viewes form shaft end of pump R=顺时针旋转 Right hand for clockwise L-逆时针旋转 Left hand for counter-clockwise	E= 平键轴 Straight key shaft R=SAE 花键轴 Spline shaft	W=丁腈橡胶 NBR V=氟橡胶 FKM	A1
VG11D	25、32、40、50、63	25、32、40、50、63				
VG21D	80、100、125、145、160	25、32、40、50、63				
VG22D	80、100、125、145、160	80、100、125、145、160				

产品特点/Product Features

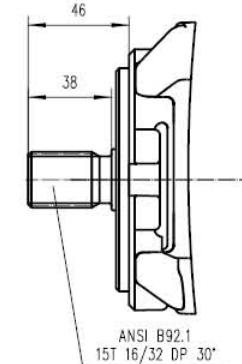
- 前后油泵采用浮动花键联轴器式结构，配合独特的润滑脂配方保证油泵性能稳定、长寿命和低噪音；
- 最大排量可以扩展到 320CC，为电机和驱动器选型、机型选配提供足够的选择空间；
- 油泵出油口和吸油口方向灵活调配，安装简易；
- 任意排量组合，适应不同工况需求；
- The front and rear oil pumps adopt floating flower coupling structure, with a unique grease formula to ensure stable performance, long life and low noise of the oil pump;
- The maximum displacement can be extended to 320CC, which provides enough choice space for motor and driver selection and model selection;
- The direction of oil outlet and suction outlet of oil pump is flexible and easy to install;
- Any displacement combination, to meet the needs of different working conditions.

VG10D 安装连接尺寸/Installation Dimensions

E型平键轴 Keyed shaft



R型花键轴 Spline shaft

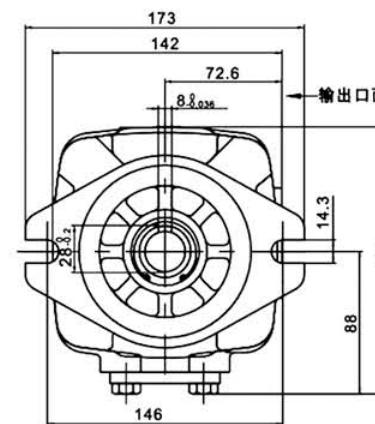
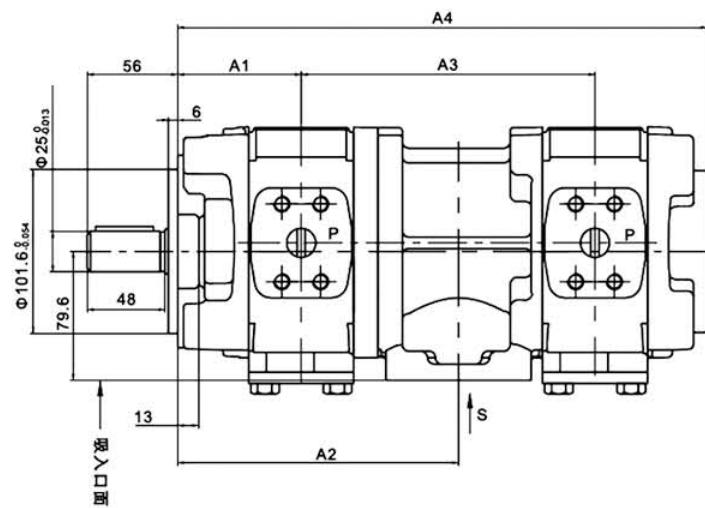


* 油口法兰尺寸见21页
See page 21 oil port size

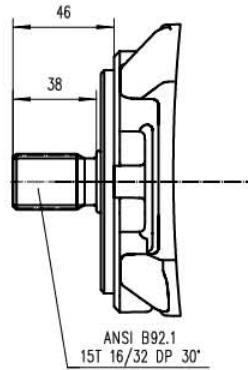
前泵型号 Front pump	L1	L2	后泵型号/Rear pump											
			08		10		13		16		20		25	
			L3	L4	L3	L4	L3	L4	L3	L4	L3	L4	L3	L4
25	73	153.5	73	264.5	140.5	268.5	143.8	275	146.5	280.5	150.5	288.5	154.5	296.5
32	76.5	160.5	76.5	271.5	144	275.5	147.3	282	150	287.5	154	295.5	158	303.5
40	80	167.5	80	278.5	147.5	282.5	150.8	289	153.5	294.5	157.5	302.5	161.5	310.5
50	85	177.5	85	288.5	152.5	292.5	155.8	299	158.5	304.5	162.5	312.5	166.5	320.5
63	92	191.5	92	302.5	159.5	306.5	162.8	313	165.5	318.5	169.5	326.5	173.5	334.5

VG11D安装连接尺寸/Installation Dimensions

E型平键轴 Keyed shaft



R型花键轴 Spline shaft

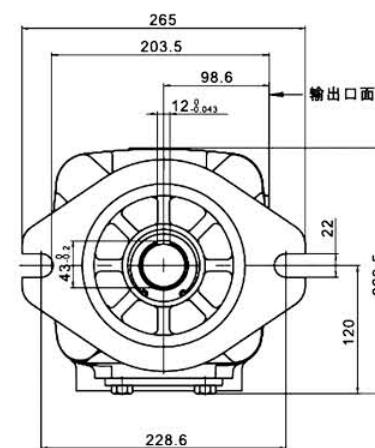
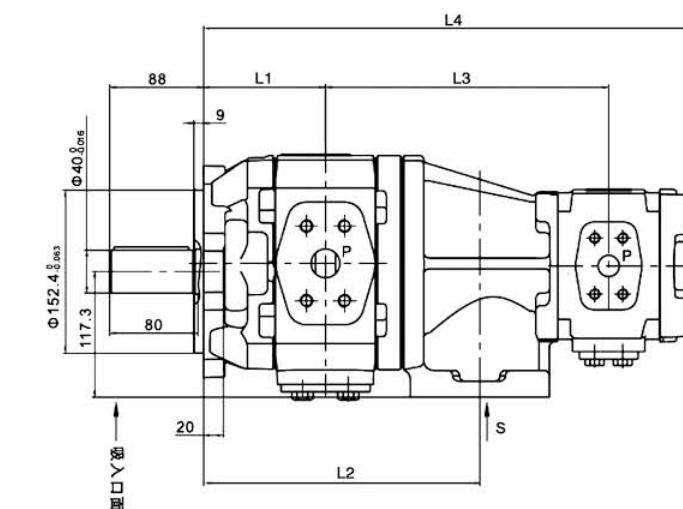


* 油口法兰尺寸见21页
See page 21 oil port size

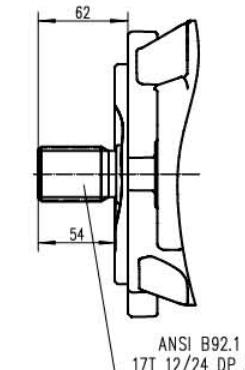
前泵型号 Front pump	L1	L2	后泵型号/Rear pump									
			25		32		40		50		63	
			L3	L4	L3	L4	L3	L4	L3	L4	L3	L4
25	73	161	161	300								
32	76.5	168	164.5	307	168	314						
40	80	175	168	314	171.5	321	175	328				
50	85	185	173	324	176.5	331	180	338	185	348		
63	92	199	180	338	183.5	345	187	352	192	362	199	376

VG21D安装连接尺寸/Installation Dimensions

E型平键轴 Keyed shaft



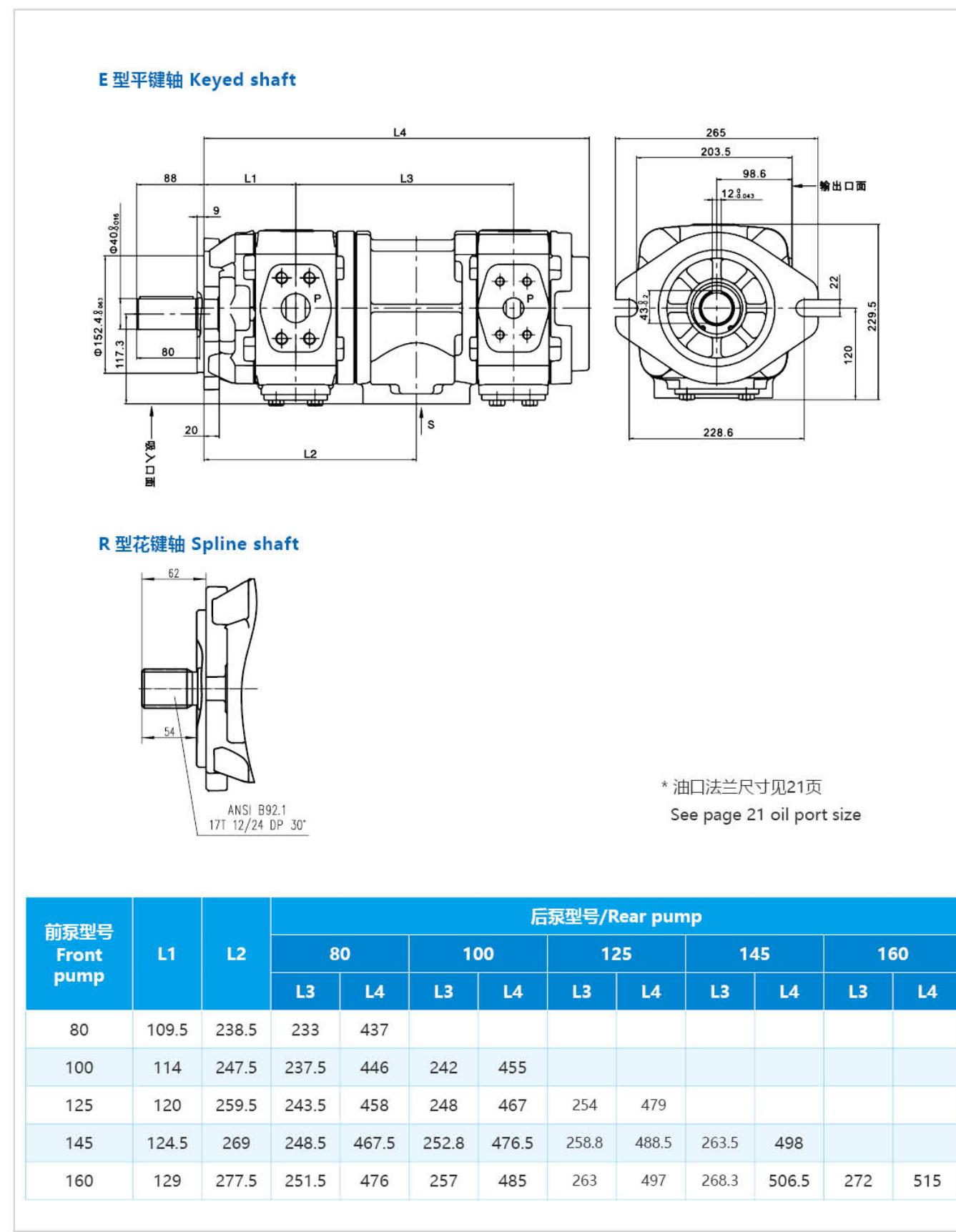
R型花键轴 Spline shaft



* 油口法兰尺寸见21页
See page 21 oil port size

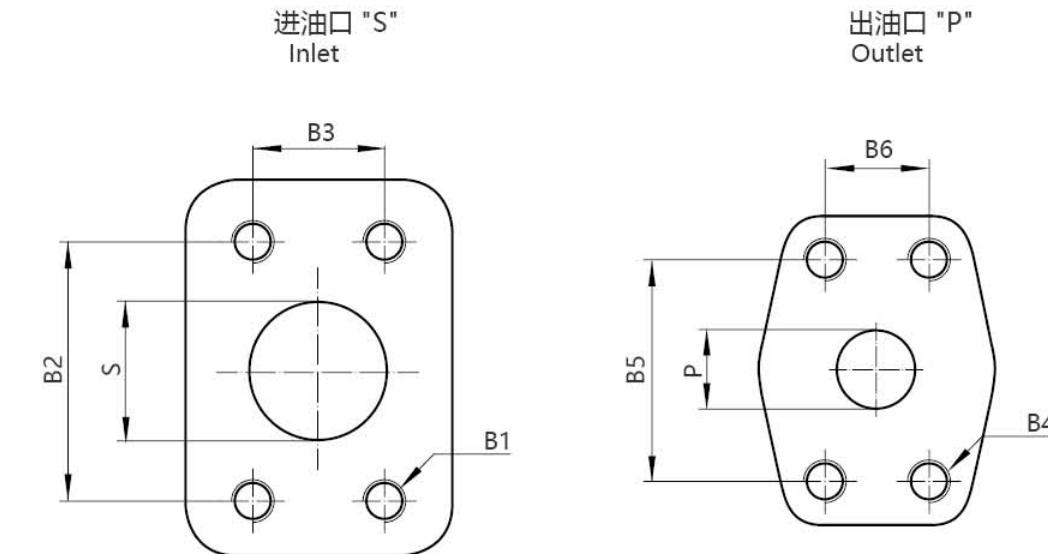
前泵型号 Front pump	L1	L2	后泵型号/Rear pump									
			25		32		40		50		63	
			L3	L4	L3	L4	L3	L4	L3	L4	L3	L4
80	109.5	231	204.5	380	208	387	211.5	394	216.5	404	223.5	418
100	114	240	209	389	212.5	396	216	403	221	413	228	427
125	120	250.2	215	401	218.5	408	222	415	227	425	234	439
145	124.8	261.5	219.8	410.5	223.3	417.5	226.8	424.5	231.8	434.5	238.8	448.5
160	129	270	224	419	227.5	426	231	433	236	443	243	457

VG22D安装连接尺寸/Installation Dimensions



VG系列双联泵进出油口连接尺寸

VG series double pump inlet and outlet oil port connection size



型号 Model	S	B1	B2	B3		规格 Specifications	P	B4	B5	B6	
VG10D	Φ38	M12 深20 Depth	69.9	35.7	G0	8	Φ13	M8 Depth 13	38.1	17.5	
						10					
			77.8	42.9		13					
						16					
			106.4	61.9	G1	20	Φ18	M10 深15 Depth	47.6	22.2	
						25	Φ18	M10 深17 Depth	52.4	26.2	
VG11D	Φ51	M16 深25 Depth				32					
		77.8	42.9			40	Φ20	M10 深17 Depth	52.4	26.2	
						50					
		120.7	69.9	G2	63	Φ32	M10 深20 Depth	69.9	35.7		
					80						
VG21D	Φ76				M16 深25 Depth				100	Φ38	M16 深25 Depth
		120.7	69.9		125						
					145						
		120.7	69.9		160						