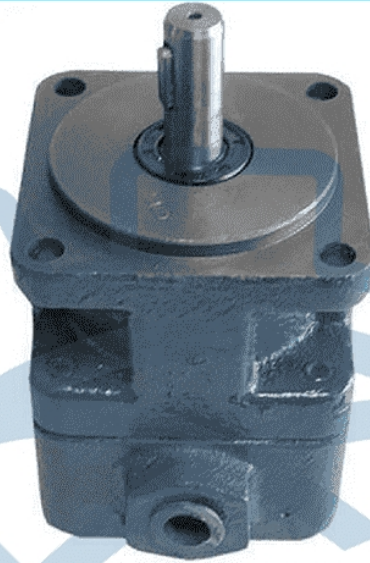




## YB-D Series Vane Pump



### 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

YB - D 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

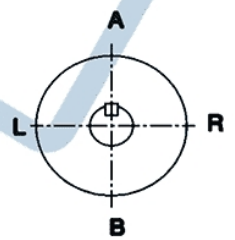
转向Rotation  
L:逆时针Counterclockwise R:顺时针Clockwise

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 :10MPa

系列叶片泵Series vane pumps

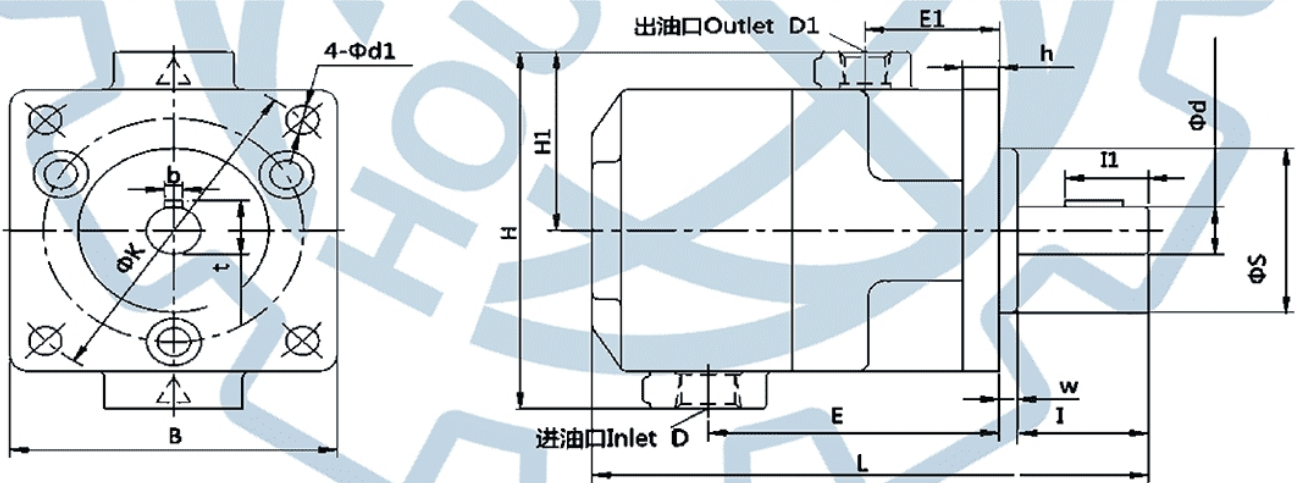




### 单泵技术参数 Specification

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			2.6	
YB-D16	16			3.5	
YB-D20	20		4.2	8.7	
YB-D25	25		5.2		
YB-D31.5	31.5		6.5		
YB-D40	40		8.1		
YB-D50	50		10		
YB-D63	63	960	16	13	20
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																		

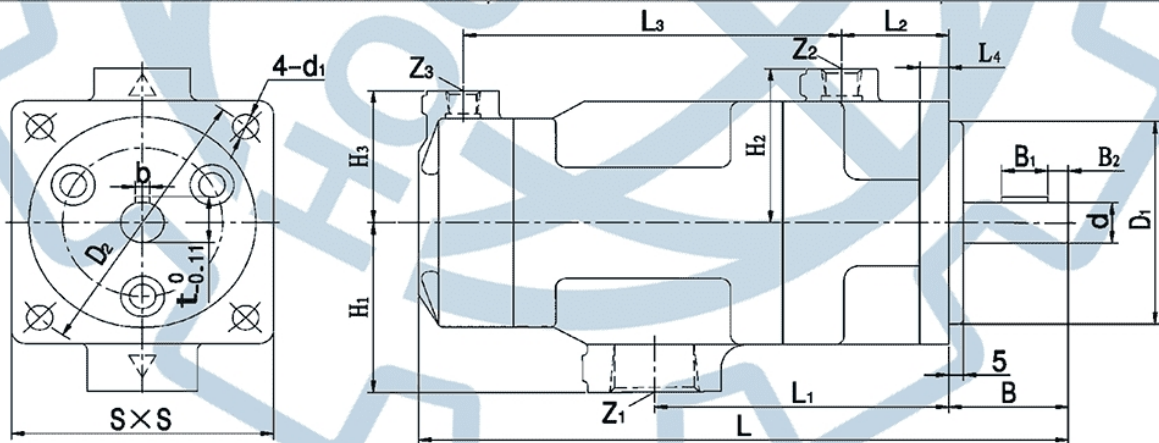


Model	L	B	H	H1	E	E1	d js7	t	bh9	l	l1	Sh8	K	d1	w	h	D	D1
YB-D25	186	110	145	72.5	98	38	20	22	5	45	25	90	128	11	5	12	Z1"	Z3/4"
YB-D31.5	211	130	170	85	109	44	25	28	8	50	36	90	150	14	5	14	Z1"	Z1"
YB-D40																		
YB-D50																		
YB-D63	227	150	200	100	118	49	30	33	8	50	36	90	175	14	5	16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