



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

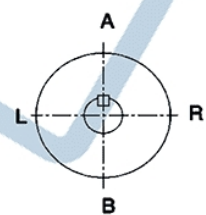
转向Rotation
L:逆时针Counterclockwise R:顺时针Clockwise

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

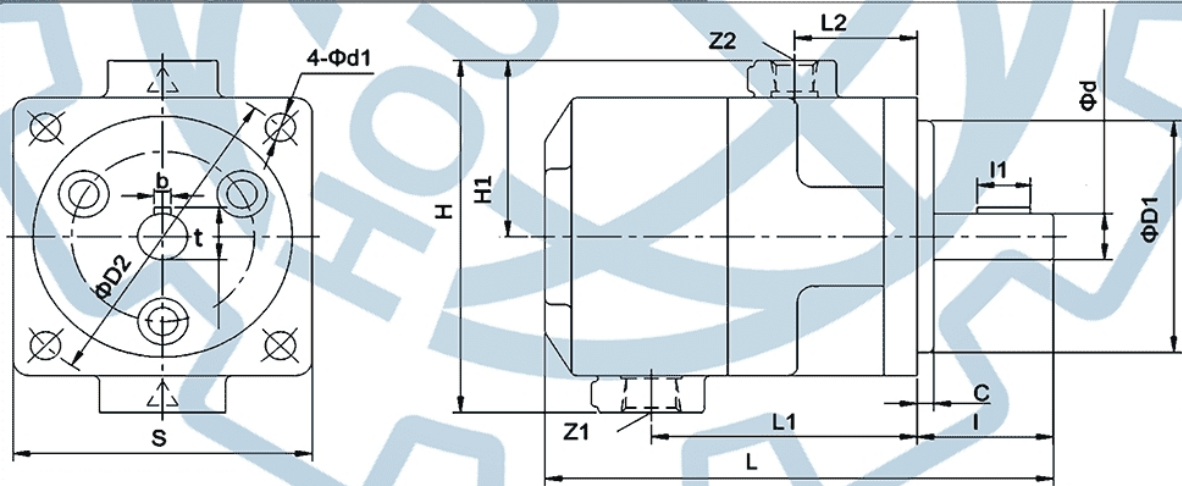




单泵技术参数 Specification

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	6.3	960	1.6	8.7
YB ₁ -16	16			2.0	
YB ₁ -20	20			2.6	
YB ₁ -25	25			3.3	
YB ₁ -31.5	31.5	6.3	960	4.2	16
YB ₁ -40	40			5.2	
YB ₁ -50	50			6.5	
YB ₁ -63	63	6.3	960	8.2	20
YB ₁ -80	80			10.3	
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																	

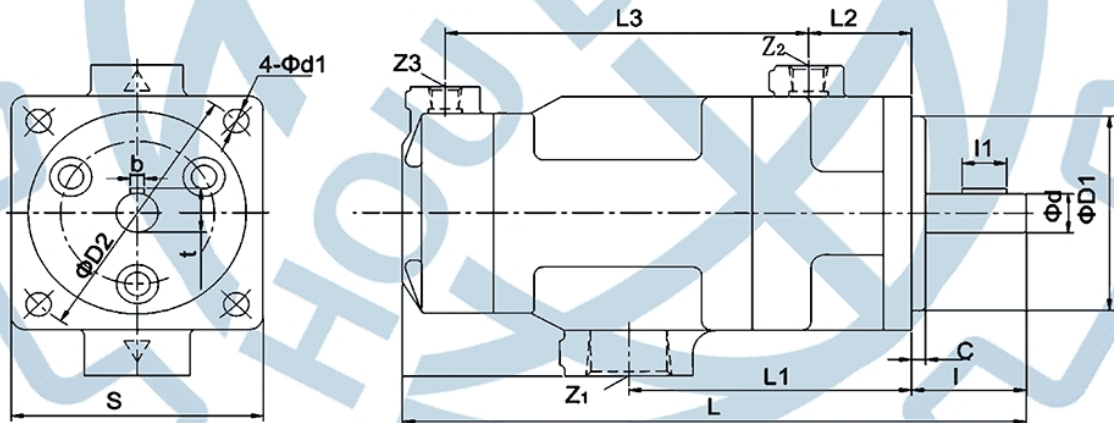


型号 Model	L	L1	L2	l	l1	S	H	H1	D1	D2	d	d1	c	t	b	Z1	Z2
YB ₁ -20	186	98	38	50	20	110	145	73	90	128	20	11	5	22	5	1"	¾"
YB ₁ -25																	
YB ₁ -31/5	211	109	44	55	25	130	170	85	90	150	25	14	5	28	8	1"	1"
YB ₁ -40																	
YB ₁ -50																	
YB ₁ -63	227	118	49	55	28	150	200	100	90	175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