

PV2R High Pressure Fixed Displacement Vane Pumps

Specification



Symbol



Model	Disp. (L/min)	Rated pressure (kgf/cm ²)			Output flow (L/min)					Power (KW)					Speed (r/min)		Weight (kg)
		Special oil	Anti-wear oil	Common oil	Discharge pressure(Mpa)										Min.	Max.	
					0.7	7	14	pn	21	0.7	7	14	pn	21			
PV2R1-6	5.8				8.4	7.5	6.5	6.0	5.6	0.2	1.5	3.0	3.7	4.4			
PV2R1-8	8.0				11.7	10.8	9.9	9.4	9	0.2	2	3.8	4.8	5.2			
PV2R1-10	9.4				13.6	12.9	11.9	11.5	10.8	0.2	2.3	4.3	5.3	6.4			
PV2R1-12	12.2				18	17	15.8	15.2	14.8	0.3	2.7	5.2	6.5	7.8			
PV2R1-14	13.7				20.2	19	17.8	17.2	16.7	0.3	3	5.7	7.2	8.5			
PV2R1-17	16.6	21	17.5	16	24.5	23.5	22.2	21.5	21	0.4	3	6.8	8.5	10.1	750	1800	9.0
PV2R1-19	18.6				27.5	26.5	25.1	24.5	24	0.4	3.6	7.7	9.5	11.5			
PV2R1-23	22.7				33.2	32.2	31.1	30.5	30	0.5	4.6	9.4	12	14			
PV2R1-25	25.3				37	36	35	34.1	33.8	0.5	5	10.5	12.7	16			
PV2R1-28	28.1				41.1	40	38.5	37.8	37.1	0.55	5.4	10.6	13	16.5			
PV2R1-31	31.0	16	16		45.8	44.5	43.4	43	—	0.6	6.1	12.4	14.4	—			
PV2R2-26	26.6				39	36.5	34	32.5	31.2	0.6	6	11	13.5	16.5			
PV2R2-33	33.3				49	47	44	42.8	42	0.6	7.5	14	17	20.5			
PV2R2-41	41.3				61	58.9	56.1	55	53.5	0.9	8.2	16	20.5	24.5			
PV2R2-47	47.2	21	17.5	14	70	67.5	64.6	63.8	62	1	9	18	23.5	27	600	1800	19.0
PV2R2-53	52.5				77	73.4	71	69	67	1.1	10	20.5	26	31			
PV2R2-59	58.2				85	82	79	77	76	1.2	12	23.5	29	34			
PV2R2-65	64.7				95	91.5	88	86	85	1.3	13	26	32	38			
PV2R2-75	74.6				109	105	101	99.2	98	1.5	15	30	37	43			
PV2R3-52	52.2				77	71	65	62	58	1.1	12	21.5	26.5	31.5			
PV2R3-60	59.6				88	82	75	71	68	1.2	12.5	23	29	35			
PV2R3-66	66.3				98	92	85	81	77.5	1.3	13	26	32.5	38			
PV2R3-76	76.4	21	17.5		112	107	101	97	94	1.6	16	30	37	44		1800	36.7
PV2R3-85	85				125	119	112.5	108	105.4	1.7	14.5	33	41	48.5			
PV2R3-94	93.6			14	138	132	124	120	117	1.9	19	36	45	53	600		
PV2R3-116					171	165	157	156	—	2.3	22	44	50	—			
PV2R3-125		16	16		187	175	166	165	—	2.4	24	45	51	—		1200	
PV2R3-136					202	195	186	184	—	2.7	26.2	50.2	57	—			
PV2R3-153					228	219	208	207	—	3	29.4	56.1	63.6	—			

How to order

F-	PV2R2	-47	-F	F	-1	R	-U	-10	
Prefix	Series	(L/min)	Mounting	Port connection	Shaft	Rotation	Outlet position	Design	
Omit-using:	PV2R1	Displacement	F: Flange mounting	F: SAE	1: Standard	Viewed from shaft end	U-UP Standard D: Down R: Right L: Left	10	
Antiwear oil	PV2R2	6,8,10,12,14,17,19,23,25,28,31	Standard	F: SAE	Str.key				R: Clockwise
water glycol fluid	PV2R3	26,33,41,47,53,59,65,75	L-foot mounting	4-Bolt flange	2: Str.key				CW
F: phosphate ester fluid		52,60,66,76,85,94,116,125,136,153		S: thread		Standard			
						L: Counter clockwise			
						CCW			

Note: 1. Please contact us, if you have any special needs. 2. Inlet port is set to be on the upper side
3. For options other than listed above (shafts, ports, displacements, and mountings), please contact us.