

Submersible Pumps

PXJ / PKJ / PKG / PKJR Series



Vortex Pumps

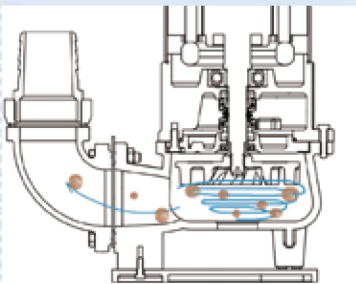
- Applicable for sewage treatment plants, agricultural wastewater and household wastewater treatment etc.
- Impeller creates a vortex to let solids flow through
Solids don't easily interfere with the impeller and this leads to longer lasting impeller
- Rust-resistant stainless body
- Impeller and pump housing are made from durable ductile cast iron



Check here for more information



PKJ-1500



Impeller creates a vortex and let solids flow
Solids are not easy to hit the impeller and it leads to longer life for impeller



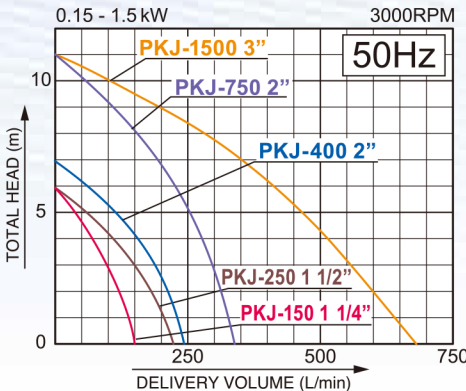
Vortex impeller



SPECIFICATIONS

MODEL			PKJ-150	PKJ-250	PKJ-400	PKJ-750	PKJ-1500
PUMP	Connection dia	mm	32	40	50	50	80
		inch	1 1/4	1 1/2	2	2	3
	Total head	m	6.0	6.0	7.0	11.0	11.0
		ft	19.5	19.5	23.0	36.0	36.0
	Discharge volume	L/min	150	225	245	340	680
		GPH	2380	3570	3880	5390	10770
MOTOR	Voltage	V	220	220	220	220	220
	Frequency	Hz	50	50	50	50	50
	Rated current	A	1.4	1.9	2.8	5.5	12.0
	Output	W	150	250	400	750	1500
	Consumption	W	300	450	600	1200	2000
Applicable liquids	Consistency		Sandy and muddy water (suspended solids) *1				
	Suspended solid percentage		10% *2				
	Max. solids size	mm	10	30	30	30	30
		inch	0.4	1.2	1.2	1.2	1.2
Net weight (without cable)		kg	4.5	12.5	13.0	18.0	34.5
		lbs	9.9	27.5	28.6	39.6	76.0
Standard accessories *3			Hose coupling				

*1 Sandy and muddy water (suspended solids) are defined as debris "floating" within the water.
*2 If the suspended solid percentage is higher, premature wear and failure will occur. To properly pump water with any debris, any solids must be in a suspension.
*3 Accessories may differ depending on model.



A Full Lineup with a Wide Range of Uses and Sizes.



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Model		Dewatering Pumps				Vortex Pumps		Vortex Pumps			Grinder Pumps			Multi-purpose Pumps	
		PXJ-150	PXJ-250	PXJ-400	PXJ-750	PKJ-150	PKJ-250	PKJ-400	PKJ-750	PKJ-1500	PKG-750	PKG-1200	PKG-1500	PKJR-400	PKJR-750
Connection Dia	mm	15, 20, 25	40	50	50	32	40	50	50	80	32	32	32	50	50
Applicable Liquids		Clear water	Sewage			Sewage		Sewage			Sewage (Including organic waste, fibers etc.)			Sandy and muddy water	
Motor Output	W	150	250	400	750	150	250	400	750	1500	750	1200	1500	400	750
Total Head	m	6.0	8.5	10.5	14.0	6.0	6.0	7.0	11.0	11.0	13.0	18.0	20.5	11.0	17.0
Discharge Volume	L/min	95	190	195	325	150	225	245	340	680	175	180	180	215	330
Materials	Outer Pump Casing	Nylon	Stainless (SUS304)			Stainless (SUS304)		Stainless (SUS304)			Stainless (SUS304)			Die-casting alloy (ADC12)	
	Impeller	PC +GF			Ductile cast iron (FCD400)	PC +GF		PC +GF	Ductile cast iron (FCD400)		Ductile cast iron (FCD400)			Thermoplastic Polyurethane (TPU)	
	Pump Housing / Strainer	Resin	Stainless (SUS304)			ABS	Cast iron (FC200)	Cast iron (FC200)		Ductile cast iron (FCD400)				Cast iron (FC200)	