

# Vortex Pumps

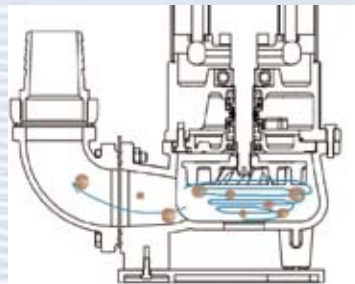
- Applicable for sewage treatment plants, agricultural wastewater and household wastewater treatment etc.
- Impeller creates a vortex to let solids flow through  
Solids don't easily interfere with the impeller and this leads to longer lasting impeller
- Rust-resistant stainless body
- Impeller and pump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

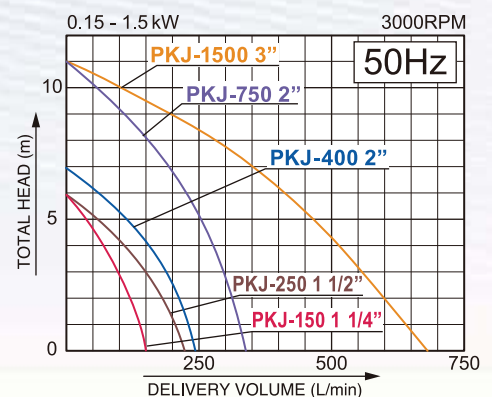


Vortex impeller



## 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.