

TAKI CENTRIFUGAL VOLUTE PUMP

TAKI end suction centrifugal pumps are designed with the latest techniques, advancement in hydraulics and mechanical. All pumps are manufactured under a perfect quality control system and high precision machines. The good design and manufacture result in high efficiency, strength, rigidity, accessibility and pleasing appearance.

FEATURES :

1. HIGH EFFICIENCY

Impellers and casings are designed with superb techniques and cast to give high efficiency. The impellers are closed type three dimension blades. The suction diameter is made to be one grade larger than the discharge size, resulting in high suction efficiency. The highest efficiency of TAKI PUMP ensures that minimum and economical horse-power is used.

2. SPECIFICATIONS

Capacities : Up to 34 m³/min. (9000 US.GPM.)

Heads : Up to 100 metres (330 feet)

Bore sizes : 50 to 300 mm.

3. APPLICATIONS

INDUSTRIAL : Water treatment, waste disposal, refrigeration plant, chemical process, boiler & derator feeding, circulation of heat transfer medium, condensate extraction, paper processing, spray booths, breweries and distilleries.

MUNICIPAL : Water supply and drainage, swimming pools, flood control, water reticulation, hot water supply, building water services, fire fighting.

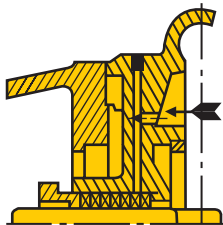
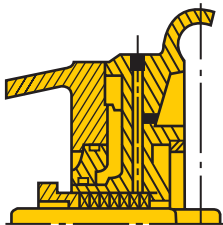
AGRICULTURE : Water supply, pumping up, drainage, sprinkling, stock dipping.

4. INTERCHANGEABILITY AVAILABLE

The logical design, only 5 sizes of bearing housings for 35 sizes of pumps, gives higher interchangeability, easier maintenance and fewer parts to be stocked.

Bearing Housing	Pump model	Parts									
		Shaft	Bearing pedestal	Impeller nut	Gland	Ball bearing	Gland packing	Mechanical seal	Lip seal	Wearing ring (106)	Wearing ring (107)
L-60	40-20										
	40-26										
	40-33/2	▲									
	50-20									▲	▲
	50-26									▲	▲
	50-33/2	▲								▲	▲
	65-20									▲	▲
	65-26									▲	▲
	65-33/2	▲								▲	▲
80-20									▲	▲	
L-80	80-26									▲	▲
	80-33									▲	▲
	80-40/2	▲								▲	▲
	100-20									▲	▲
	100-26									▲	▲
	100-33									▲	▲
	125-20									▲	▲
125-26									▲	▲	
L-100	100-40									▲	▲
	100-50/2	▲								▲	▲
	125-33									▲	▲
	150-26									▲	▲
L-120	125-40									▲	▲
	125-50/2	▲								▲	▲
	150-33									▲	▲
	200-23	▲								▲	▲
L-150	150-40									▲	▲
	150-50									▲	▲
	200-33									▲	▲
	200-40									▲	▲
	200-50	▲								▲	▲
	250-29									▲	▲
	250-33									▲	▲
	250-40									▲	▲
250-50	▲								▲	▲	
300-35									▲	▲	

STUFFING BOXES

	Standard (N/a) Type	Hot Water (HW) Type
Structure		
Application	In case of clean pumping liquid and negative to +0.5 kg/cm ² G suction pressure	In case of clean & hot pumping liquid and positive suction pressure
Applicable Temperature	up to 105° C	105 C-140° C
Method of Sealing	Pumping liquid is injected	No liquid is applied
Cooling	None	Cooling water is fed