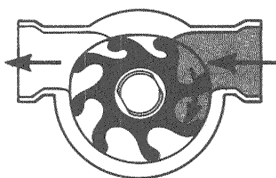
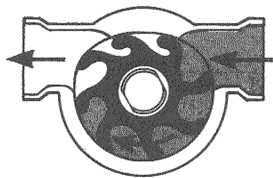


Jabsco Flexible Impeller Pump Technical Data

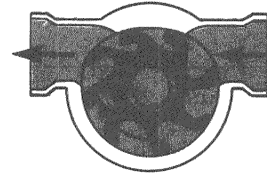
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Flexible impeller blades, upon leaving off-set cam, create a nearly perfect vacuum for instant self-priming.



As impeller rotates, each successive blade draws in liquid and carries it from intake to outlet port



When flexible impeller blades again contact the offset cam they bend with a squeezing action that provides a continuous, uniform flow.

SIMPLICITY

One moving part — a tough, long-lived, wear-resistant flexible impeller lubricated by the liquid being pumped. No metal-to-metal pumping action — no gears to jam, clog or become noisy.

SELF-PRIMING

Pumps instantly with dry suction lifts to 10 feet; up to 25 feet when wetted. Permits cleaner, safer installation. No foot valve required.

MORE CAPACITY

JABSCO Pumps in general require less space because they deliver greater flow for weight, size and price than any other type of pump.

ELIMINATE COSTLY SHUTDOWNS

Impellers can normally be easily replaced in just minutes without disconnecting the pump or piping system. Maintenance is negligible. Ball bearing models have mechanical shaft seals, therefore no packing, oil or grease cups to service.

VERSATILE

The Jabsco Pump combines the priming feature of positive displacement type pumps with the general transfer ability of centrifugals. It will pump either thin or viscous liquid — can handle more solids in suspension than other types of rotary pumps. It operates at low or high speeds — can be mounted at any angle and pumps in either direction with equal efficiency.

COMPLETE SELECTION

ITT Jabsco offers the most complete selection of marine pumps to meet requirements for engine cooling, water pressure systems, bilge, waste systems, oil changing, dockside and general purpose pumping needs.

IMPELLER SELECTION

Neoprene and oil resistant nitrile impellers available for most models. Use neoprene for all water pumping applications. Use oil resistant nitrile for oily water applications.

TEMPERATURE RANGE

45° F to 180° F

PRESSURE RANGES

Standard impellers are suitable for continuous operation up to the following limits:

PUMP SIZE	PRESSURE RANGE
1/4" to 3/8"	to 20 PSI
1/2"	to 20 PSI
3/4" to 2"	to 35 PSI

OPERATING SPEED

Plain Bearing Pumps —
Do not exceed 2100 RPM

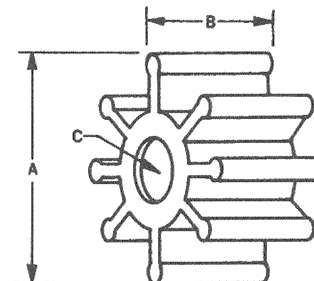
Ball Bearing Pumps —
1/4", 1/2" Ports 3600 RPM Max.
3/4", 1" Ports 3000 RPM Max.
1-1/4" Ports 2200 RPM Max.
2" Ports 2200 RPM Max.
Model 3200-01 — 1400 RPM Max.

Obsolete Impeller Cross - Reference

Impeller No.	Replacement	Impeller No.	Replacement
673-0001	18673-0001	5616-0003	5606-0003
673-0003	18673-0003	6056-0001	17956-0001
702-0001	920-0001	6760-0001	17936-0001
790-0001	836-0001	14127-0001	4568-0001
2232-0001	No Repl*	14127-0003	4568-0003
2232-0003	No Repl*	21676-0001	17936-0001
2999-0008	2999-0001		

*2187 Pump May be Fitted with 118100-000X Pump Head.

Impeller Insert and Shaft Drive



Impeller Dimensions

1	SLOTTED SHAFT PIN DRIVE		
2	THROUGH HOLE PIN DRIVE		
3	KEY DRIVE		
4	SINGLE FLAT DRIVE		
5	DOUBLE FLAT DRIVE		
6	DING DRIVE KEYWAY		
7	SPLINE DRIVE		
8	RIBBED SEGMENT KEY		