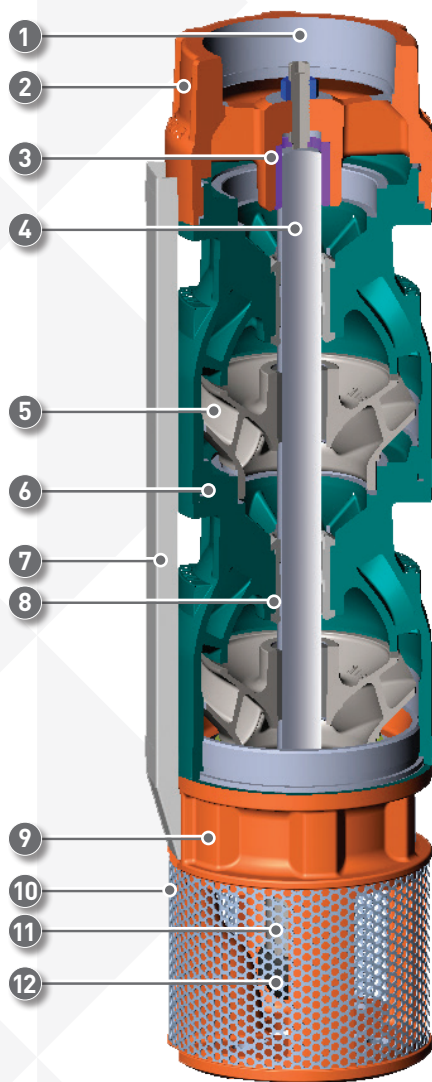




BERKELEY® 6TMH SERIES SUBMERSIBLE TURBINE PUMPS

The 6TMH pump series features abrasion and corrosion resistant materials for maximum performance and longevity under the toughest operating conditions, and delivers industry-leading efficiencies and head per stage.



- 1 Upthrust nut / screw - 304 Stainless Steel**
Factory pre-set upthrust screw is retained by a stainless steel lockout, providing maximum upthrust protection.
- 2 Discharge - Ductile iron ASTM 536-84**
Threaded with large wrench flats and sized for the pump's flow range
- 3 Discharge bearing - Vesconite®**
Low friction, no water swell, long life. Specific for water-immersed applications, clean or dirty
- 4 Shaft - 416 stainless steel**
Precision ground and polished for reduced running friction and increased service life
- 5 Impeller - 304 stainless steel, investment cast**
Smooth and efficient performance, long life
- 6 Bowls - Class 30 cast iron**
Heavy-walled construction incorporates precision hydraulic design for maximum efficiency and performance.
- 7 Lead guard - 302 stainless steel**
Protects the motor leads across the full length of the pump
- 8 Isolator bearings - neoprene**
Unique design channels abrasives away from the stainless steel shaft bearing journal.
- 9 Suction bracket - Ductile iron ASTM 536-84**
Machined for both 4" and 6" motor registers. Designed to effectively divert debris away from the spline engagement area, maximizing durability.
- 10 Suction screen - 304 stainless steel**
Form fitted, provides corrosion resistance, and prevents particulates larger than .19" (4.8 mm) from entering the pump.
- 11 Motor coupling - 416 stainless steel**
Fully machined for positive fit; highly corrosion resistant
- 12 Sand boot - Buna-N (nitrile rubber)**
Protects coupling and motor splines from abrasive wear.

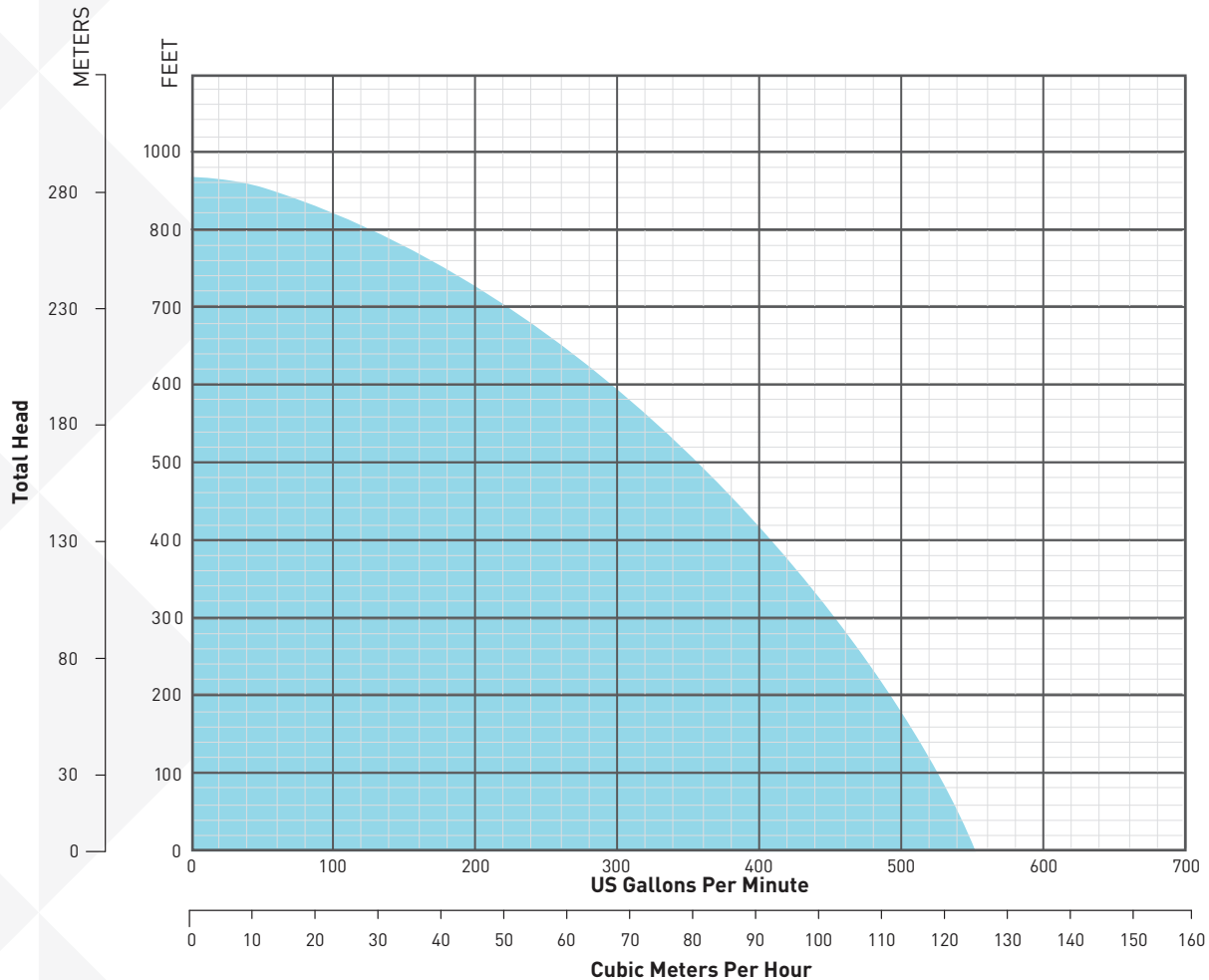
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BERKELEY® 6TMH SERIES SUBMERSIBLE TURBINE PUMPS

Materials of Construction

Part Name	Material	Reference
shaft, motor coupling	416 stainless steel	AISI 416 stainless steel
bowls	Class 30 cast iron	ASTM A48-76
impeller, suction screen, upthrust screw and nut	304 stainless steel	AISI 304 stainless steel
lead guard	302 stainless steel	AISI 302 stainless steel
motor bracket, discharge	ductile iron	ASTM A536-84
sand boot	Buna-N (nitrile rubber)	
isolator bearings	neoprene	
discharge bearing	Vesconite®	

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300 GPM

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