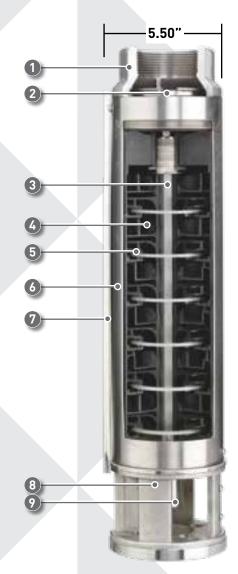
## BERKELEY 6TSP SERIES SUBMERSIBLE PUMPS



The 6TSP series pumps feature abrasion and corrosion resistant materials for maximum performance and longevity under the toughest operating conditions.

Components are 100% lead-free, and meet all U.S. federal guidelines for safe drinking water.



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- ① Discharge 304 stainless steel, investment cast, 3" FNPT Features 6 extra wide wrench flats for a secure grip when tightening to the drop pipe.
- 2 Standard Check valve 304 stainless steel

  The poppet-style check valve helps protect the pump against backflow.

  The check valve can be easily removed if not required.
- 3 Shaft and bearing assembly 416 stainless steel
  A ceramic upper bearing guide combined with a cutless rubber bearing protects the shaft from premature wear.
- Impellers and diffusers glass-filled Noryl°
  Smooth and efficient performance, and superior sand handling.
- 5 Wear rings 304 stainless steel and polyurethane
  Minimizes re-circulation for increased pump performance and longevity.
- Provides superior corrosion resistance when the pump is installed in harsh environments.
- Lead guard 304 stainless steel
  Easy installation, and protects the motor leads across the full length of the pump.
- 8 Suction bracket 304 stainless steel, investment cast Machined for both 4" and 6" motor registers. Bolt kits included for either motor size where appropriate.
- 9 Motor Coupling 316 stainless steel

  Designed to effectively divert debris away from the spline engagement area to maximize durability.

## Suction screen - 304 stainless steel

Form fitted, provides corrosion resistance, and prevents particulates larger than 0.10" from entering the pump. (Not shown)



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## **Materials of Construction**

Upper guide bearing

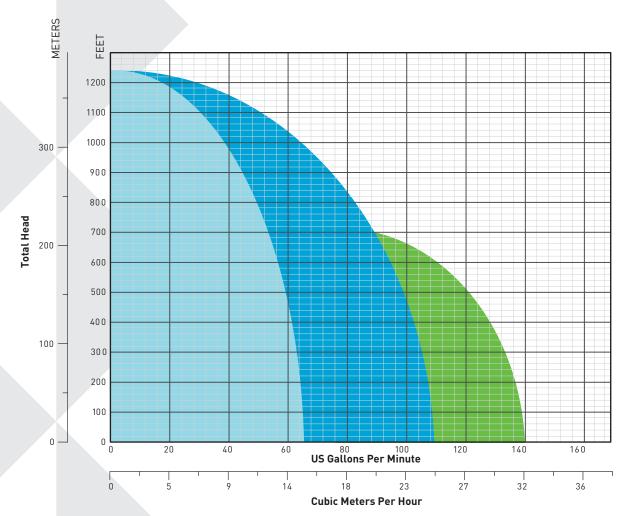
Part Name	Material	Reference
Discharge, check valve, lead guard, suction bracket, suction screen	304 stainless steel	ASTM A743 CF-8
Motor coupling	316 stainless steel	AISI 316 stainless steel
Shaft	416 stainless steel	AISI 416 stainless steel
Wear rings	304 stainless steel polyurethane	ASTM A743 CF-8
Impellers, diffusers	Noryl®	
Upper guide hearing	ceramic	

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