

6TS SERIES

SUBMERSIBLE TURBINE PUMPS



PENTAIR BERKELEY® 6TS SERIES PUMPS feature heavy-duty 304 stainless steel construction and hard chrome wear surfaces that will outperform ordinary fabricated stainless steel pumps in aggressive water conditions. The state-of-the-art design includes 100% lead-free components* with high efficiency performance in 4 hydraulics up to 400 GPM and 60 HP.

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

- 1 Heavy-Duty, Investment Cast 304 Stainless Steel Discharge** assures secure connection to drop pipe. Wrench flats provide positive grip during installation.
- 2 Built-In Check Valve (optional)** prevents backflow and reverse rotation.
- 3 Hard Chrome-Plated Top Bearing Journal** reduces abrasive wear in harsh, sandy well conditions.
- 4 Low-Profile Stainless Steel Lead Guard** aids installation in narrow wells.
- 5 Built-In Up-Thrust Protection** protects pump during periods of high demand and start-up, to help prevent pump failure.
- 6 304 Stainless Steel Inlet Screen and Internal Coupling Screen** help prevent entry of abrasives into pump and coupling areas.
- 7 Heavy-Duty Investment Cast 304 Stainless Steel Suction Bracket** helps enable ideal pump-to-motor alignment with any NEMA-standard submersible motor.

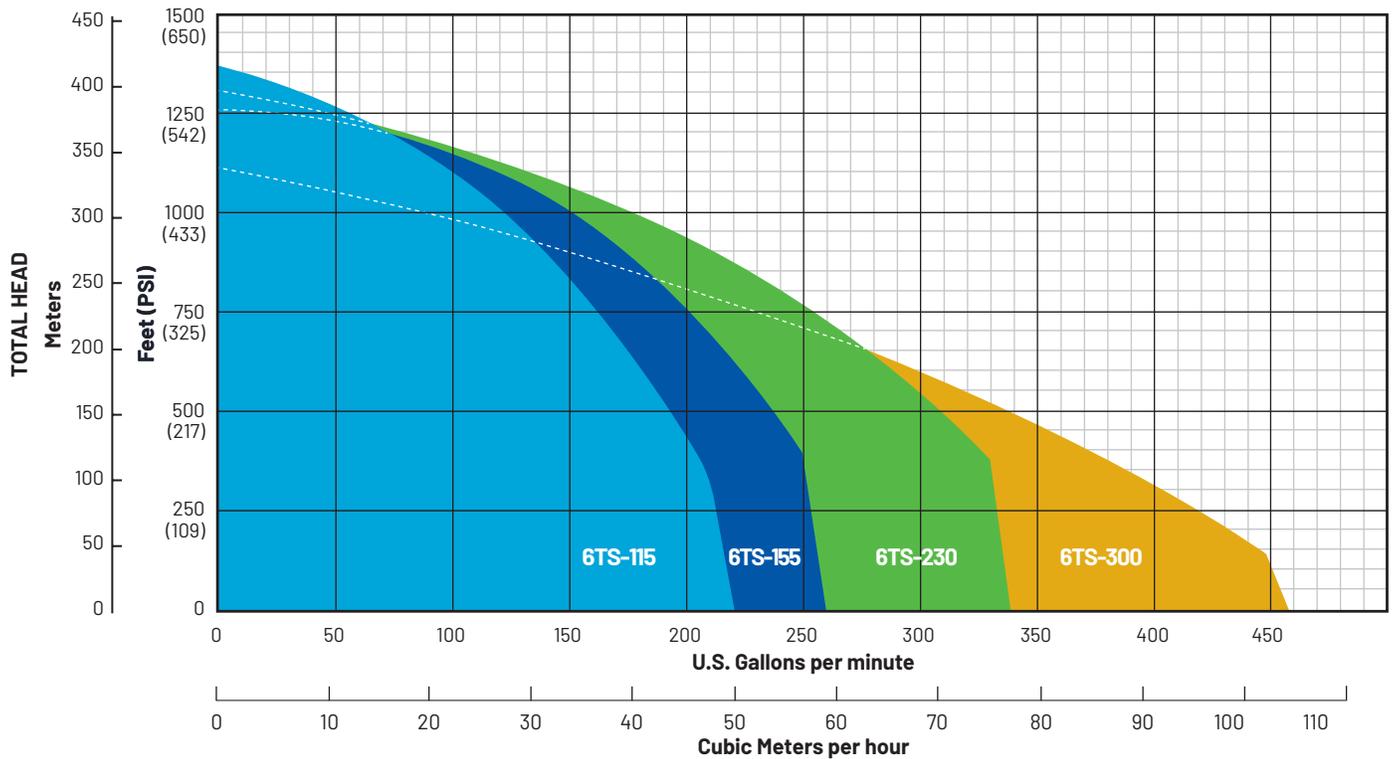
MATERIALS OF CONSTRUCTION

Part Name	Material
Bowl Bearing	Nitrile Rubber NBR
Discharge Bracket	304 Stainless Steel
Top Bearing Journal	Hard Chrome-Plated
Check Valve**	304 Stainless Steel
Impeller	304 Stainless Steel
Diffuser Bowl	304 Stainless Steel
Bowl Wear Rings	Nitrile Rubber NBR
Pump Shaft	416 Stainless Steel
Shaft Sleeve	304 Stainless Steel
Suction Motor Bracket	304 Stainless Steel
Strainer	304 Stainless Steel
Cable Guard	302 Stainless Steel
Shaft Coupling	416 Stainless Steel

**Optional on some models

COMPLEMENTARY PENTAIR SOLUTIONS

- ◆ Pentair Pentek® XE-6" and XE-8" Submersible Motors for superior performance and to help enable low operating costs.
- ◆ Pentair Pentek Intellidrive® XL Variable Frequency Drives for easy selection and simple setup.
- ◆ Pentair Berkeley® BEC2 Selection Software provides easy access to pump sizing and performance data. Visit www.bec2.net for more information.



293 Wright Street | Delavan, WI 53115 | United States | 888-237-5353 | F: 800-321-8793 | pentair.com/berkeley

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