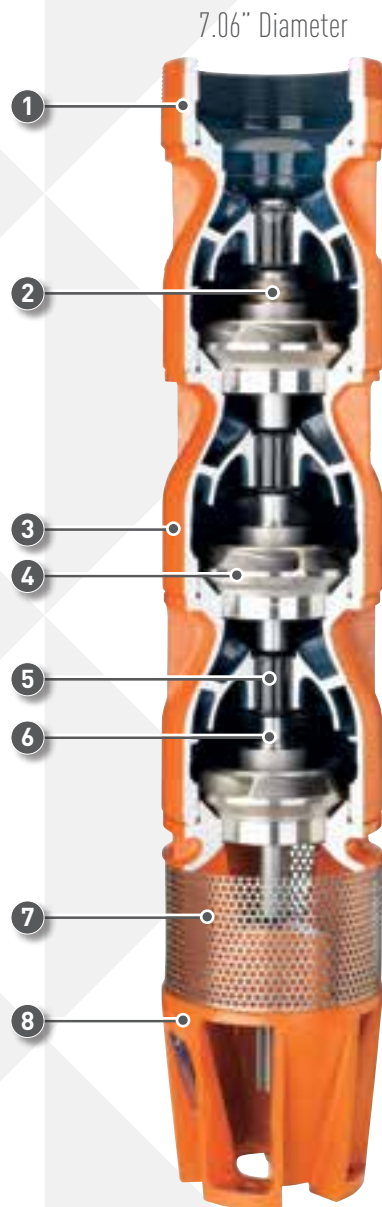


BERKELEY® 7T SERIES SUBMERSIBLE TURBINE PUMPS

BERKELEY 7T SERIES PUMPS FOR MAXIMUM ABRASION RESISTANCE are proven performers for a wide range of applications from clean municipal wells to the harshest agricultural wells. Abrasion resistant features include: Investment Cast 304 Stainless Steel Impellers and Neoprene Rubber Bearings.



- 1 Heavy-Duty Discharge Adapter** is Class 30 Cast Iron, threaded with large wrench flats sized for the pump's flow range.
- 2 Factory Pre-set Upthrust Washers** balance rotor loading in all operating conditions. 7T-175 and 7T- 250 models offer upthrust screw with a stainless steel lockout for maximum upthrust protection.
- 3 Heavy-Walled Class 30 Cast Iron Bowls** incorporate precise hydraulic design for maximum efficiency and performance.
- 4 Stainless Steel Impellers** are designed, machined and balanced to optimize efficiency and performance.
- 5 Unique Neoprene Bearing Design** channels abrasives away from stainless steel bearing journal.
- 6 416 Stainless Steel Pump Shaft** precision ground and polished for reduced running friction and increased service life.
- 7 Heavy-Duty Stainless Steel Suction Strainer** is non-collapsible and corrosion-resistant.
- 8 Heavy-Duty Cast Iron Suction Bracket** assures perfect pump-to-motor alignment with NEMA standard motors.
- 9 Low Profile, Full-Length Stainless Steel Cable Guard (Not Shown)** protects motor leads.

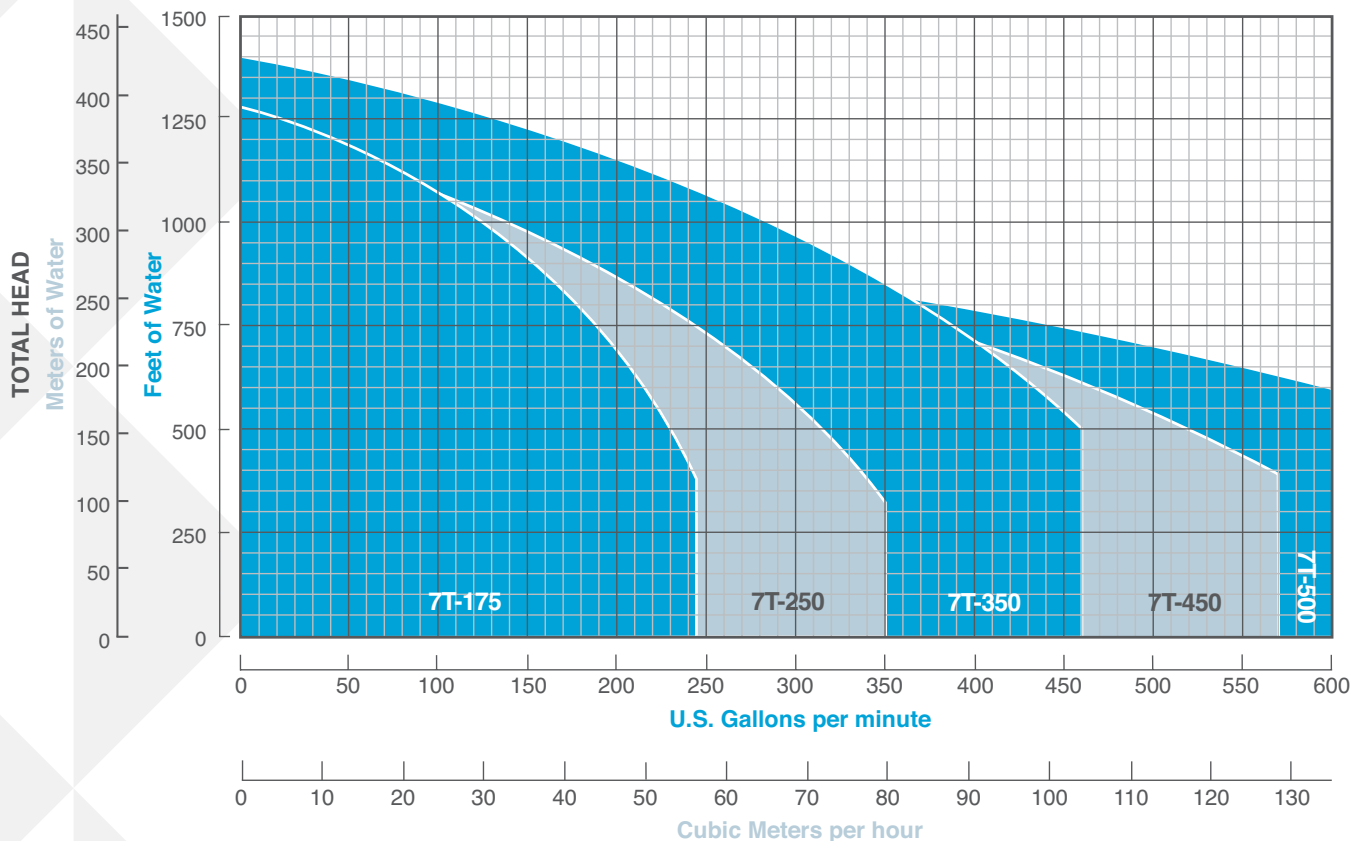
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Materials of Construction

Part Name	Material	Spec Number
Discharge Adapter	Cast Iron	ASTM A48 Class 30
Top Bowl	Cast Iron	ASTM A48 Class 30
Intermediate Bowl	Cast Iron	ASTM A48 Class 30
Bearings, Top and Suction Case	Rubber	Neoprene
Impeller	304 Stainless Steel	ASTM A743 CS-8
Pump Shaft	Stainless Steel	AISI 416 UNS S41600
Impeller Collets	Steel	AISI 1215
Suction Motor Bracket	Cast Iron	ASTM A48 Class 30
Bowl Bearing	Rubber	Neoprene
Strainer	Stainless Steel	AISI 302 UNS S30200
Cable Guard	Stainless Steel	AISI 302 UNS S30200
Shaft Coupling	Stainless Steel	AISI 416 UNS S41600

Pentair Solutions

- ▶ BERKELEY 6" – 10" highly efficient pump designs, to 2200 GPM, to 1400 ft.
- ▶ PENTEK 6" and 8" motors and controls offering leading edge technology.
- ▶ PENTEK pump controllers for maximizing pump functionality.
- ▶ BEC2 powerful application software @ www.bec2.net unparalleled in the industry.
- ▶ Highly-trained customer service staff providing quick solutions at 1-888-BERKELEY.
- ▶ 2-year extended warranty program when BERKELEY pump is installed with a PENTEK motor.



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Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.