



5.63-5.88" Diameter



BERKELEY 6T 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 for maximum life and performance.

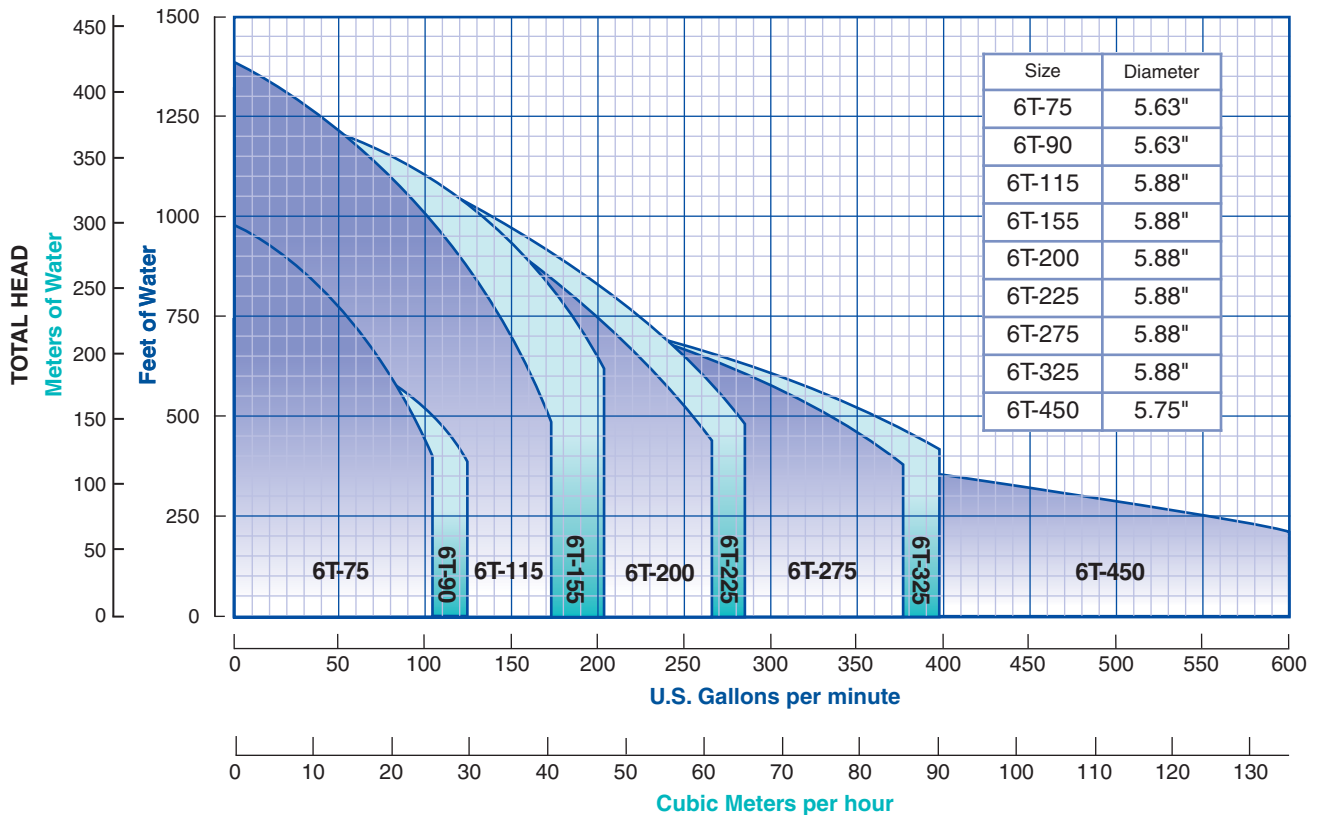
FEATURES / BENEFITS

- 1 Heavy-Duty Discharge Adapter** is ductile 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.
- 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** is 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.



MATERIALS OF CONSTRUCTION

| Part Name | Material | Spec Number |
|--------------------------------|---------------------|---------------------|
| Discharge Adapter | Ductile Iron | ASTM 546 |
| 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
Water™**

Pentair Water
 293 Wright Street
 Delavan, WI 53115
 Phone: 262-728-5551
 Fax: (800) 426-9446
www.pentairwater.com

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.