



50L, 65L, 95L, 120L,
160L, 250L, 320L

6" Stainless Steel Submersible Pumps

For 6" and larger wells

BR50-320L R2

 **GOULDS**
WATER TECHNOLOGY
a xylem brand

Goulds Water Technology

6" Stainless Steel Submersible Pumps

Discharge Head: Cast 304 SS for superior strength and corrosion resistance. Far superior in strength and quality to fabricated designs.

Bearings: Tungsten carbide bearings provide superior shaft support and excellent abrasive and wear resistance

Modular Design: reduces number of components needed for rebuilding

Shaft Design: Improved shaft grooves provide longer shaft life and easier rebuilding

Shaft Coupling: Removable for easy repair or pump rebuilding

Motor Adapter: Cast 304 SS ensures a rigid motor connection. Much stronger and robust than fabricated designs.

Safety Loops: Two loops provided for attaching a safety cable when desired

Check Valve: Proven design protects pump from water hammer and reverse water flow.

Upthrust Bearing: Integral bearing helps to protect impellers from upthrust damage

Impeller Wear Ring: Replaceable wear ring lowers maintenance costs and improves efficiency.

SS Shaft Sleeves: Replaceable sleeves protect the shaft from abrasive wear

Tie Rods: 304 SS tie rods secure the stack, yet enable fast, easy maintenance

Bowls: One piece 304 SS bowls require no external welding thus providing superior corrosion resistance even in harsh well environments.



Features:

- Improved efficiency translates into lower life cycle costs and reduced energy consumption
- All stainless steel construction means no water contamination from paint or rust
- Tungsten carbide support bearings provide excellent radial shaft support
- Superior sand handling design provides longer life and fewer repairs
- Modular design is easily and quickly rebuilt when maintenance does become necessary
- Cast 304 SS Discharge Head and Motor Adapter are more robust than fabricated pump designs and provide strong connection points for piping and the motor.
- NSF/ANSI 61 Annex G certified.

Performance Range

Model	GPM @ BEP ①	Maximum TDH ② (ft)
50L	50	1400'
65L	65	2250'
95L	90	1650'
120L	120	1480'
160L	160	1400'
250L	250	1180'
320L	320	1000'

① BEP is Best Efficiency Point in Gallons Per Minute

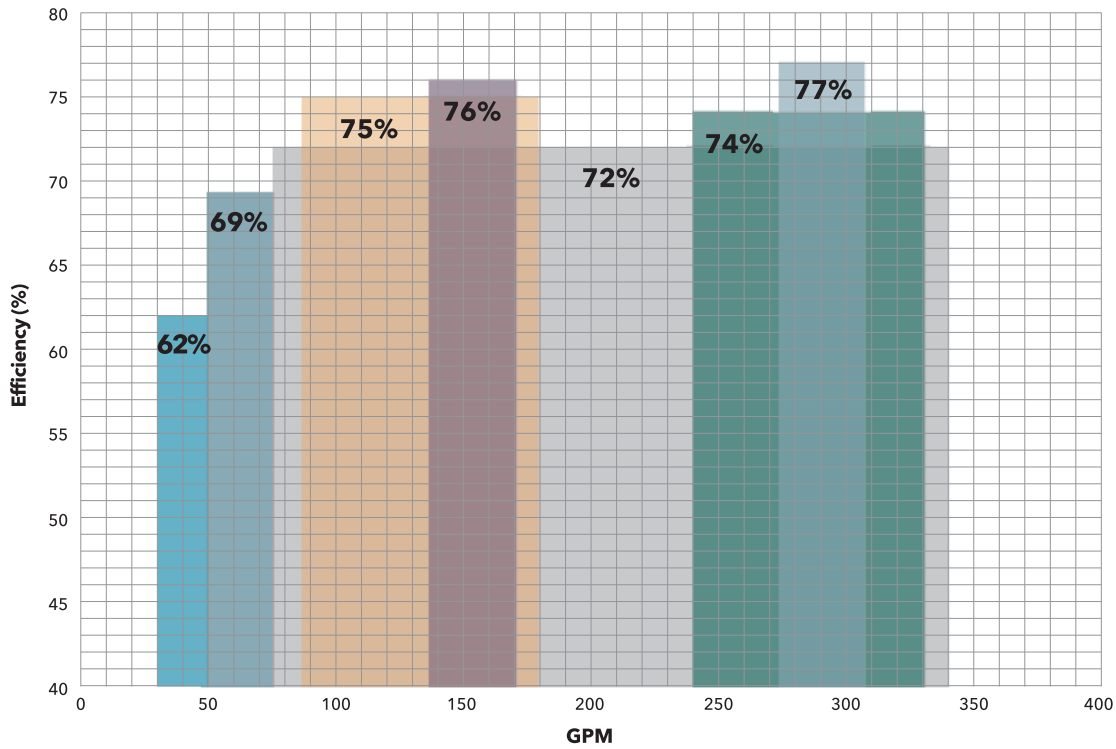
② Maximum TDH is at minimum recommended flow point



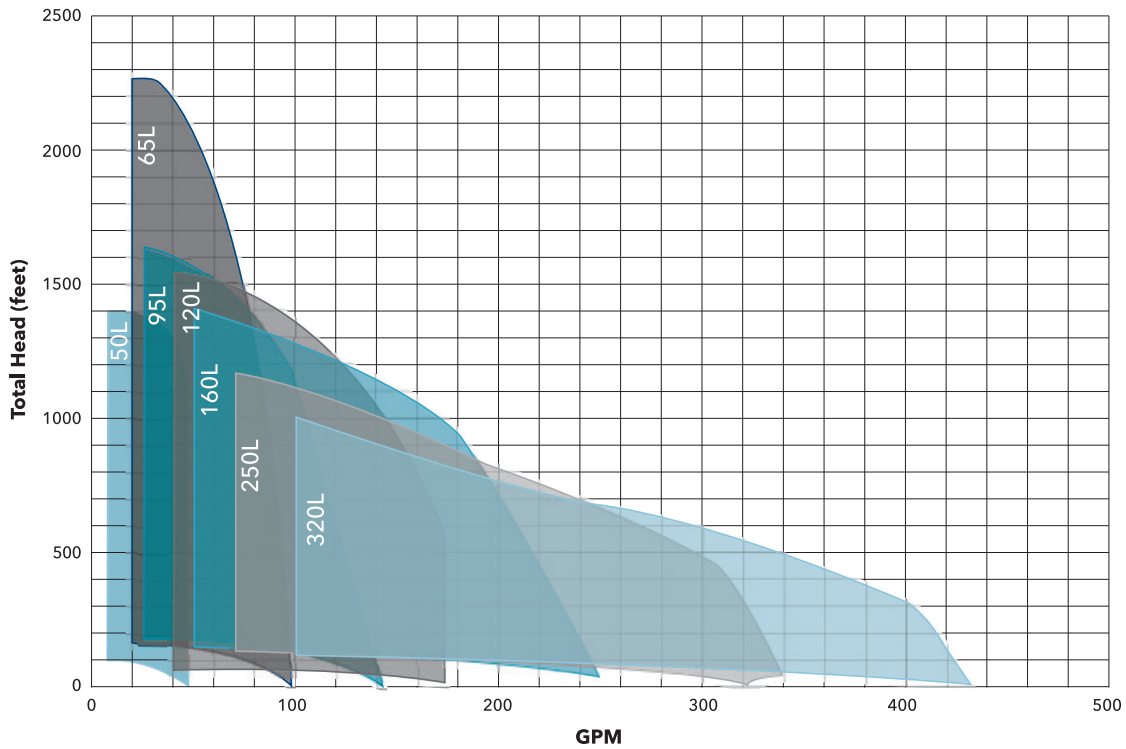
Applications:

- Municipal Water Supply
- Irrigation
- Fire Booster
- Golf Turf Irrigation
- Mines
- Fish Farming

Efficiency Range



Performance Range Curve



Xylem Inc.
 2881 East Bayard Street Ext., Suite A
 Seneca Falls, NY 13148
 Phone: (800) 453-6777
 Fax: (888) 322-5877
www.gouldswatertechnology.com

Goulds is a registered trademark of Goulds Pumps, Inc. and is used under license.
 © 2012 Xylem Inc. BR50-320L R2 July 2014