



# 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.

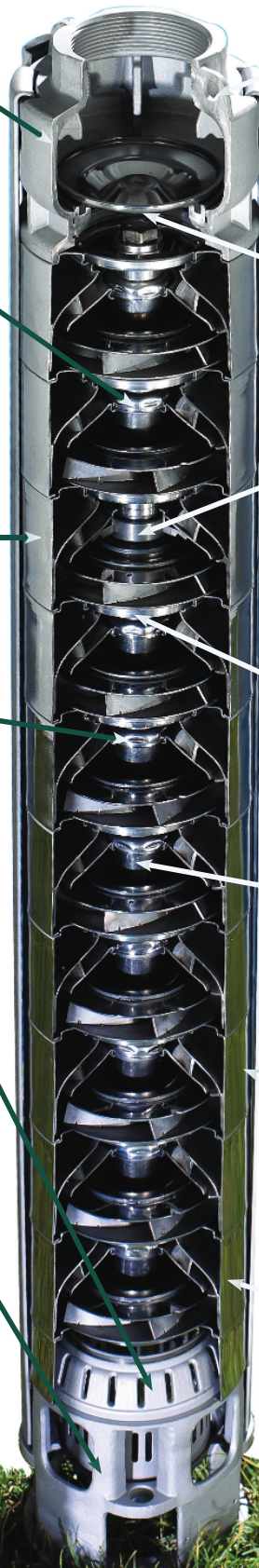
**Upthrust Bearing:** Integral bearing helps to protect impellers from upthrust damage

**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

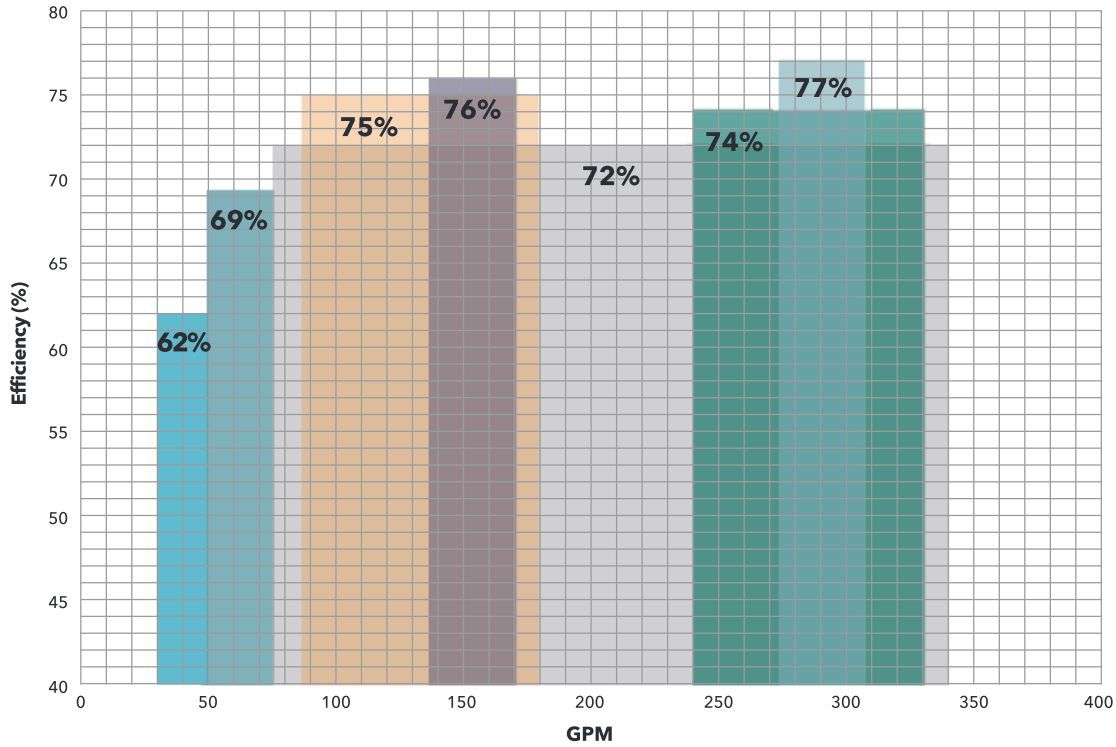
② Maximum TDH is at minimum recommended flow point



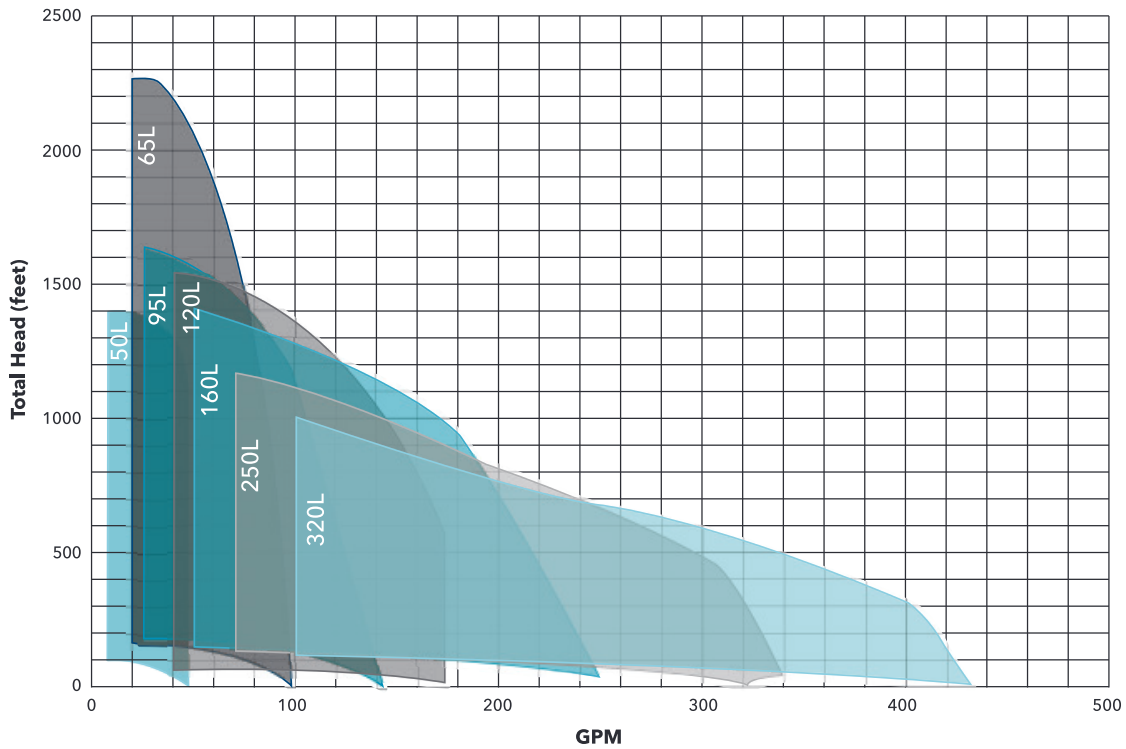
## Applications:

- 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](http://www.gouldswatertechnology.com)

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