**TECHNICAL BROCHURE**

BRJ6BFLO50 R1

REDJACKET SERIES

# BIG-FLO® 50 Hz

6" SUBMERSIBLES

GOULDS WATER TECHNOLOGY

a xylem brand

# 50 Hz Residential Water

## FEATURES

Smooth passageways provide low friction radial water flow.

Noryl® impeller-diffuser assemblies are encased in a corrosion resistant stainless steel shell.

Pump and motor assembly are corrosion resistant.

Efficient operation in either horizontal or vertical position.

Impeller-diffuser assemblies are mounted on a 16-spline steel shaft for positive drive.

A top bearing is provided in the cast-iron discharge head for better shaft alignment.

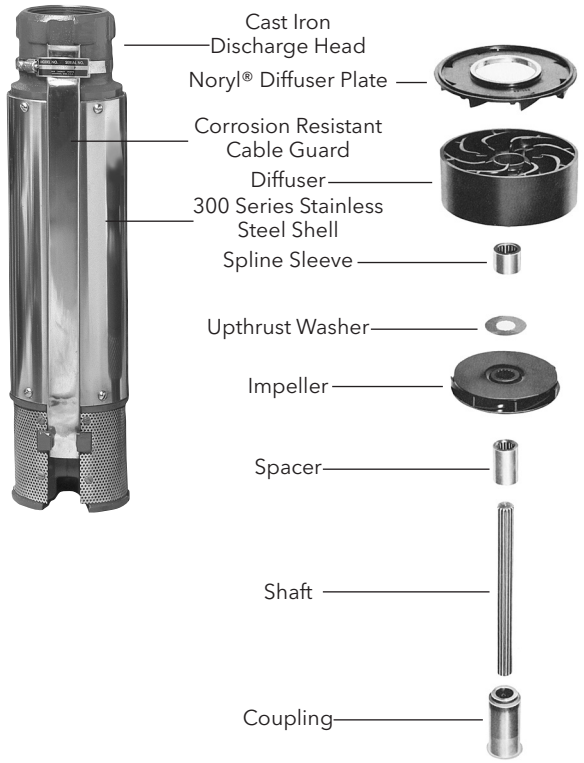
Replaceable journals protect shafts at bearings. Multi-stage construction permits modular or individual part replacements.

Noryl®-staged components (impellers/diffusers) are permanently bonded by a reliable, foolproof, ultrasonic welding technique.

Powered by CentriPro®. Motors are compatible with any competitive pump end of comparable horsepower.

Big-Flo submersible pump/motor units are designed for industrial and commercial 6 inch pumping applications. Capacities up to 1050 LPM. Six inch models available in horsepowers from 2 HP to 30 HP.

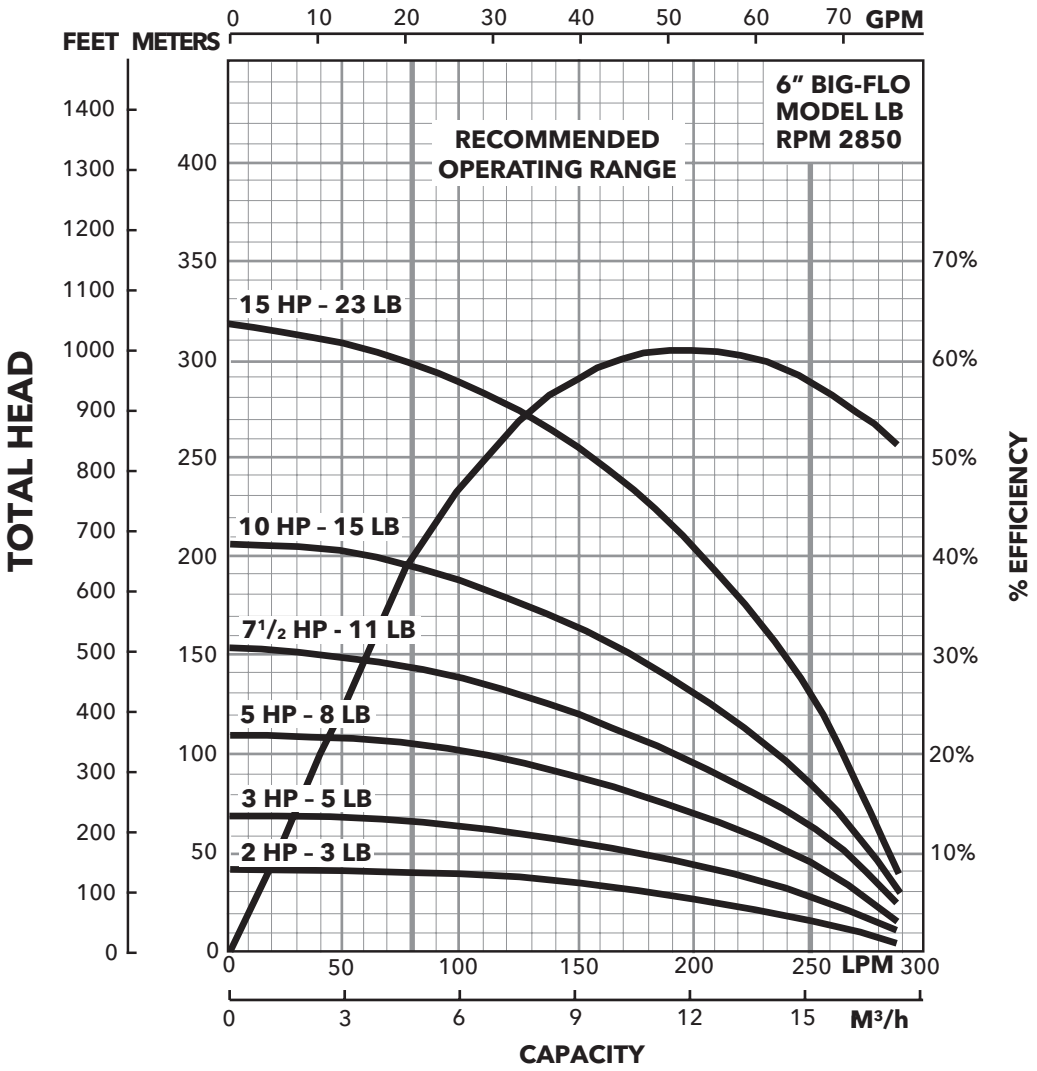
### LB/MB/HB/PB PUMPS - 170 THROUGH 700 LPM




### RATED CAPACITY

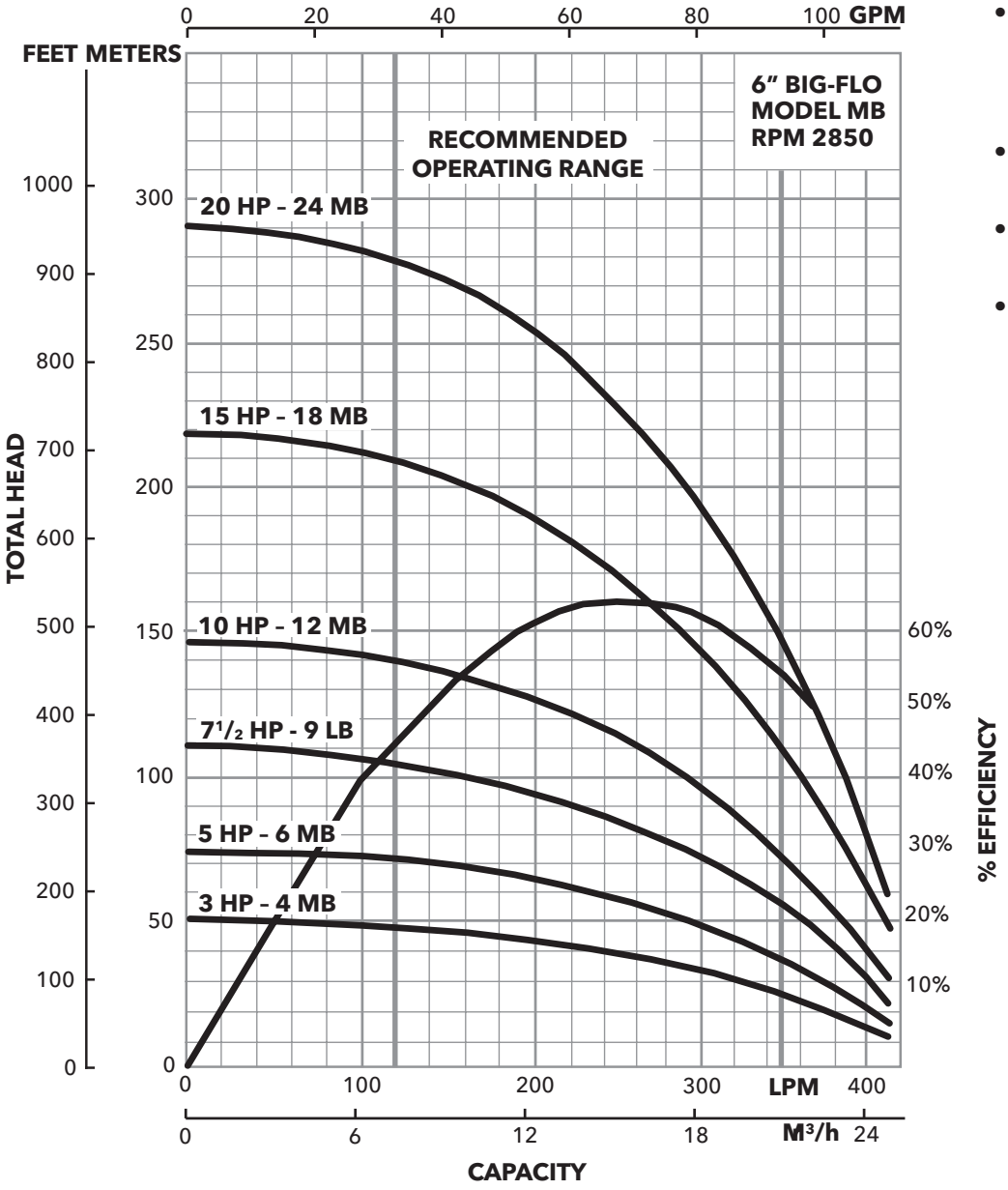
| Model | LPM | $M^3/Hr$ | GPM |
|---|---|---|---|
| LB | 170 | 10.2 | 45 |
| MB | 275 | 16.5 | 73 |
| HB | 425 | 25.5 | 112 |
| PB | 700 | 42.0 | 185 |

## "LB" SERIES PUMPS - 170 LPM FOR 6" DIAMETER WELLS



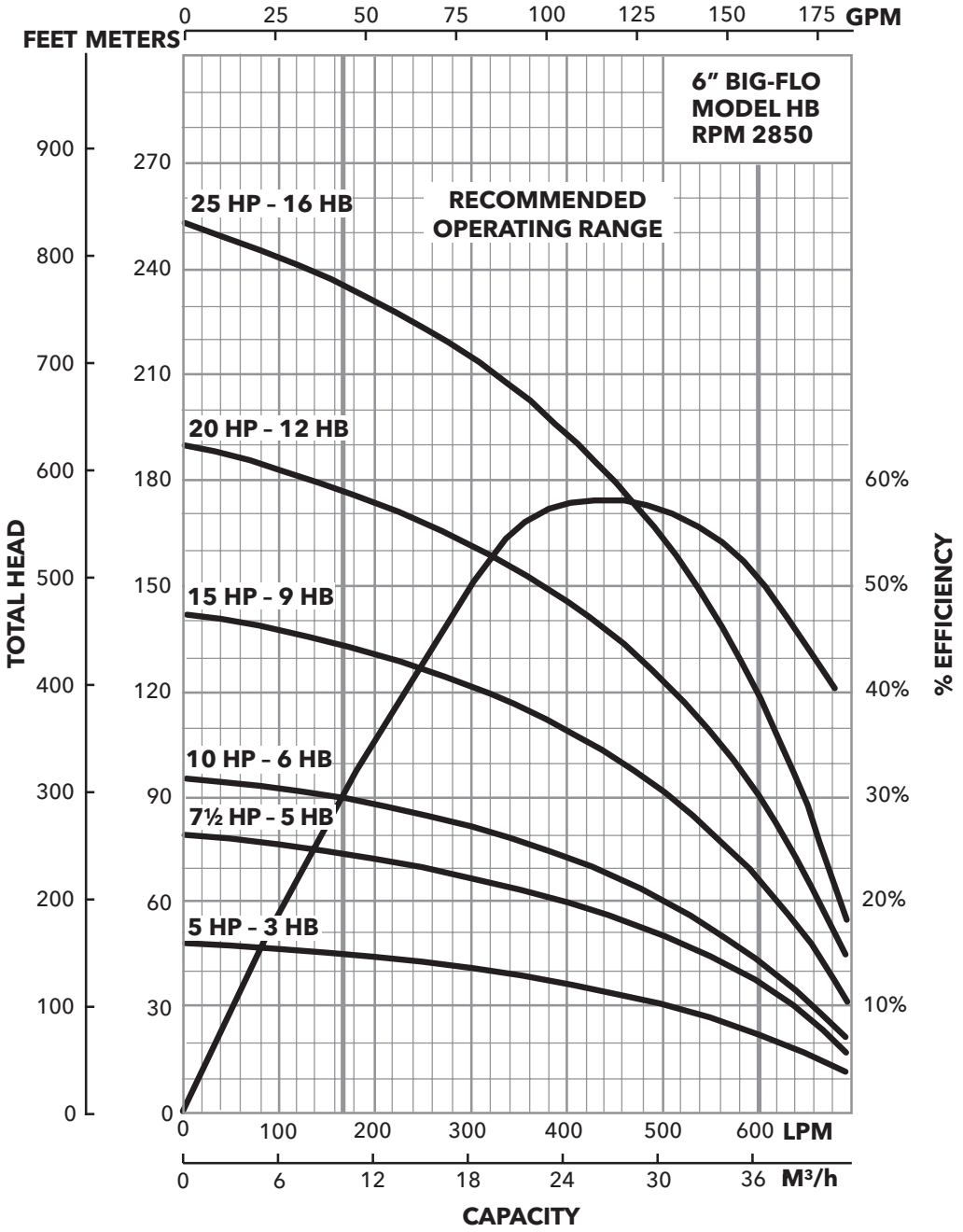

- 150 mm (6") BIG-FLO pump ends have a 75 mm (3") BSP threaded discharge outlet.
- Maximum pump diameter is 147 mm (5¾").
- Minimum well size is 150 mm (6").
- Continuous operation outside recommended operating range will void warranty.

## "MB" SERIES PUMPS - 275 LPM FOR 6" DIAMETER WELLS



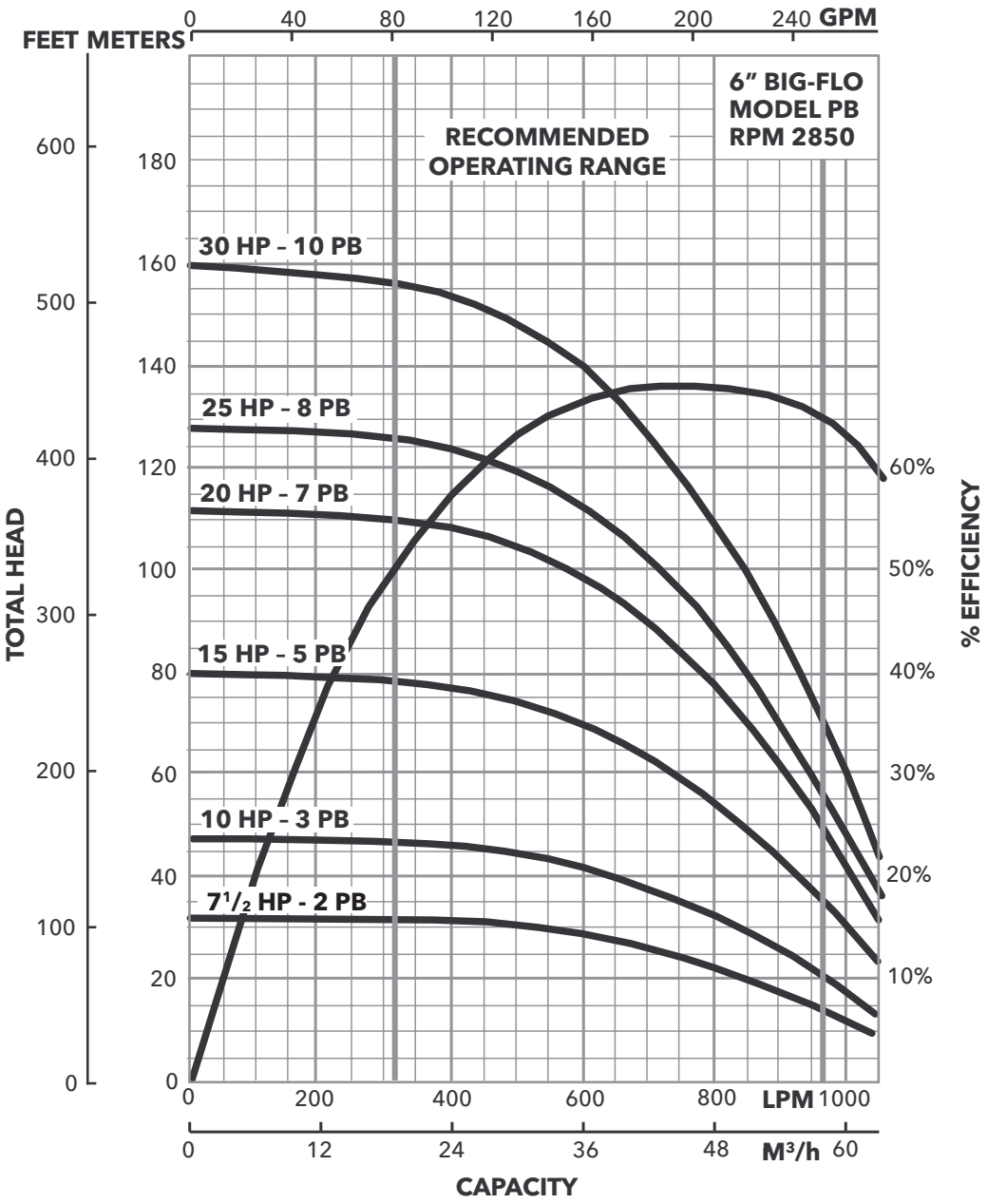

- 150 mm (6") BIG-FLO pump ends have a 75 mm (3") BSP threaded discharge outlet.
- Maximum pump diameter is 147 mm (5¾").
- Minimum well size is 150 mm (6").
- Continuous operation outside recommended operating range will void warranty.

## "HB" SERIES PUMPS - 425 LPM FOR 6" DIAMETER WELLS




- 150 mm (6") BIG-FLO pump ends have a 75 mm (3") BSP threaded discharge outlet.
- Maximum pump diameter is 147 mm (5¾").
- Minimum well size is 150 mm (6").
- Continuous operation outside recommended operating range will void warranty.

## "PB" SERIES PUMPS - 700 LPM FOR 6" DIAMETER WELLS




- 150 mm (6") BIG-FLO pump ends have a 75 mm (3") BSP threaded discharge outlet.
- Maximum pump diameter is 147 mm (5¾").
- Minimum well size is 150 mm (6").
- Continuous operation outside recommended operating range will void warranty.

**NOTES**

# Xylem |'zīləm|

1) The tissue in plants that brings water upward from the roots;
2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services, and agricultural settings. With its October 2016 acquisition of Sensus, Xylem added smart metering, network technologies and advanced data analytics for water, gas and electric utilities to its portfolio of solutions. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

**For more information on how Xylem can help you, go to www.xyleminc.com**

xylem
Let's Solve Water

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