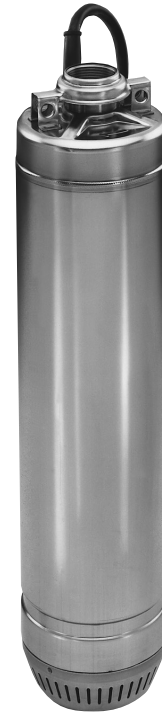


FEATURES

- **Discharge:** 1¼" NPT vertical discharge connection.
- **Capacities:** to 35 GPM (7.9 m³/h).
- **Total heads:** to 240 feet TDH (70 m).
- Maximum suspended solids ⅛".
- **Temperature limit:** 104°F (40°C) continuous, 140°F (60°C) intermittent.
- **Maximum submergence:** to 65 feet (20 m).
- Continuous duty rated, non-overloading motor.
- Casing, motor shell, diffuser and base are AISI 304 SS for corrosion resistance.
- **Impeller:** FDA compliant, glass filled Noryl®. Corrosion and abrasion resistant.
- **Mechanical Seal:** Silicon/carbide sealing faces; all metal components of AISI type 304 SS running in protected oil chamber.
- Power cords are 30'. Single phase models have a capacitor box and NEMA grounding plug. Three phase have bare leads.
- **Elastomers:** BUNA-N.
- **Shaft:** AISI type 304 stainless steel high strength pump shaft with keyed and locking cap screw impeller fastening.
- Bottom suction design with detachable suction strainer for ease of cleaning.

TECHNICAL BROCHURE

BRJBS R4



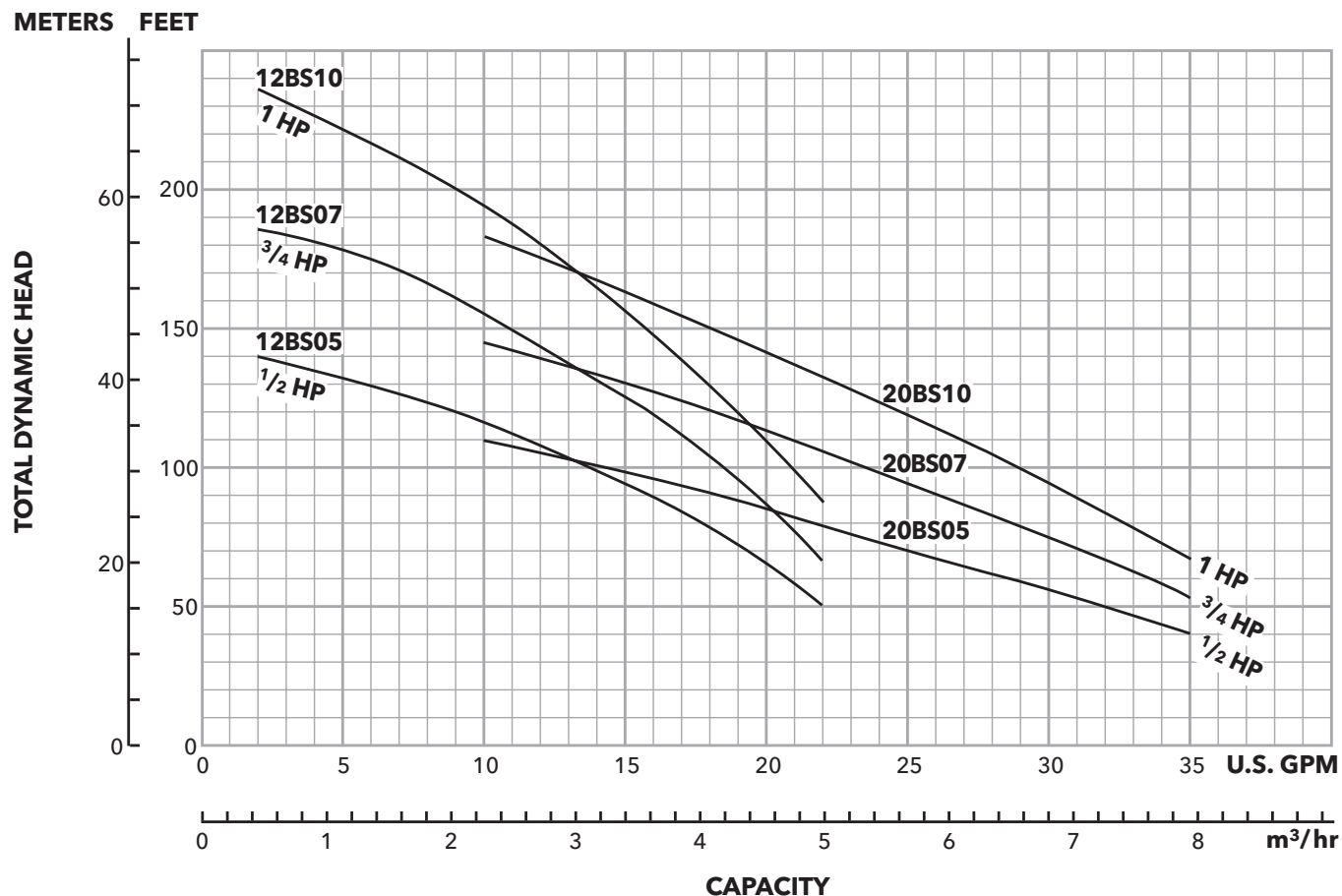
REDJACKET SERIES

12BS/20BS

BOTTOM SUCTION SUBMERSIBLE WATER PUMP WASTEWATER

 **GOULDS**
WATER TECHNOLOGY
a xylem brand

PERFORMANCE CURVES



MOTOR INFORMATION

General:

Class "F" insulation

Non-overloading

Single Phase:

Built-in automatic reset overload

3450 RPM, 115 and 230 V, 60 Hz

Three Phase:

3450 RPM, 230 V, 60 Hz

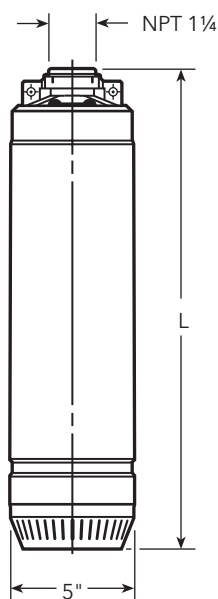
Specifically designed for pumping out of reservoirs and storage tanks:

homes and farms, mobile home parks and motels, schools and hospitals, municipal applications, industrial applications, commercial applications

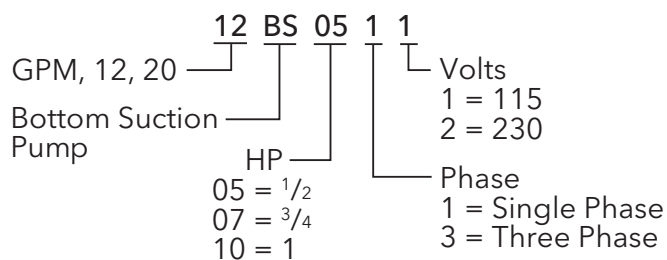
MECHANICAL DATA

Series	No. Stages	HP	Volts	Phase	Maximum Amps	RPM	Weight (lbs.)
12BS0511	3	½	115	1	10.6	3450	31
12BS0512	3	½	230	1	4.5	3450	31
12BS0532	3	½	230	3	3.0	3450	31
12BS0712	4	¾	230	1	5.4	3450	33
12BS0732	4	¾	230	3	3.5	3450	33
12BS1012	5	1	230	1	6.4	3450	38
12BS1032	5	1	230	3	4.1	3450	38
20BS0511	3	½	115	1	10.7	3450	31
20BS0512	3	½	230	1	4.5	3450	31
20BS0532	3	½	230	3	3.0	3450	31
20BS0712	4	¾	230	1	5.3	3450	33
20BS0732	4	¾	230	3	3.5	3450	33
20BS1012	5	1	230	1	6.8	3450	38
20BS1032	5	1	230	3	4.3	3450	38

DIMENSIONS



NOMENCLATURE



Series	HP	"L" Dimensions in inches	Discharge Size
12BS/ 20BS	½	19⅞	1¼
	¾	20⅞	
	1	21¾	

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 Inc.
2881 East Bayard Street Ext., Suite A
Seneca Falls, NY 13148
Phone: (866) 325-4210
Fax: (888) 322-5877
goulds.com/redjacket

Red Jacket Water Products is a trademark of Xylem Inc. or one of its subsidiaries. Goulds is a registered trademark of Goulds Pumps, Inc. and is used under license.
© 2017 Xylem Inc. BRJS R4 January 2017