

12BS/20BS

Bottom Suction Submersible Water Pump



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



Single Phase Control Box

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

Discharge: 1 1/4" NPT vertical discharge connection.

Capacities: to 35 GPM (7.9 m³/h).

Total heads: to 240 feet TDH (70 m).

Maximum suspended solids 1/8".

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.

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BRJBS-R0

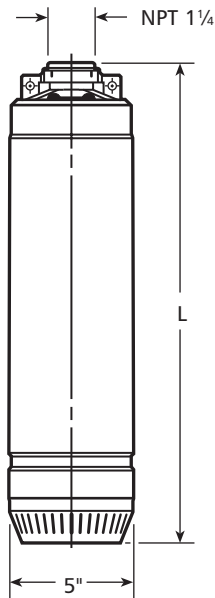


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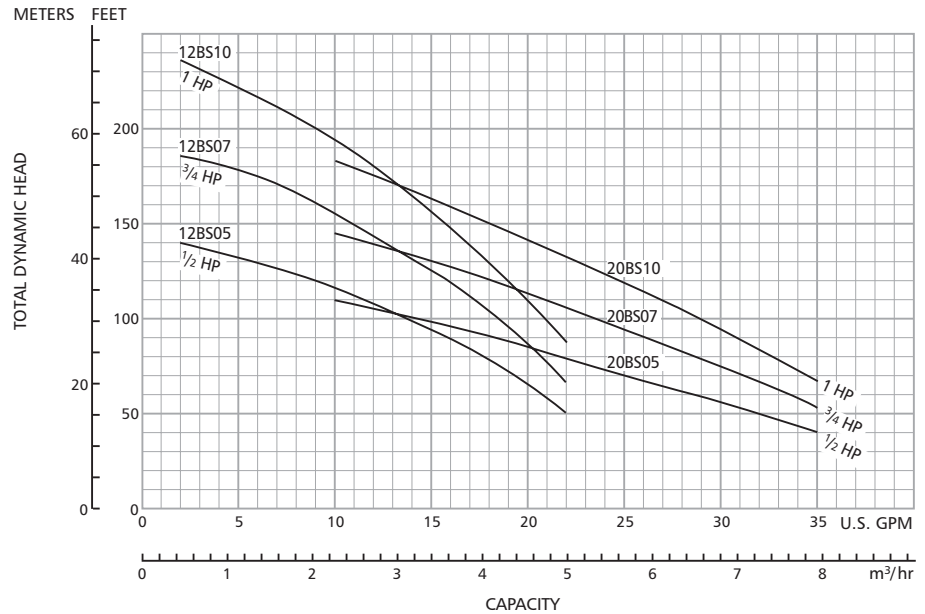
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DIMENSIONS

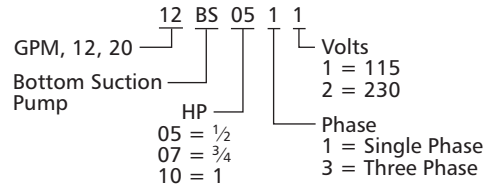


CURVES



Series	HP	"L" Dimensions in inches	Discharge Size
12BS/ 20BS	1/2	19 7/8	1 1/4
	3/4	20 7/8	
	1	21 3/4	

NOMENCLATURE



MECHANICAL DATA

Series	No. Stages	HP	Volts	Phase	Max Amps	RPM	Weight (lbs.)
12BS0511	3	1/2	115	1	10.6	3450	31
12BS0512	3	1/2	230	1	4.5	3450	31
12BS0532	3	1/2	230	3	3.0	3450	31
12BS0712	4	3/4	230	1	5.4	3450	33
12BS0732	4	3/4	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	1/2	115	1	10.7	3450	31
20BS0512	3	1/2	230	1	4.5	3450	31
20BS0532	3	1/2	230	3	3.0	3450	31
20BS0712	4	3/4	230	1	5.3	3450	33
20BS0732	4	3/4	230	3	3.5	3450	33
20BS1012	5	1	230	1	6.8	3450	38
20BS1032	5	1	230	3	4.3	3450	38