

HYDROMATIC® BV-40 SUBMERSIBLE SEWAGE EJECTOR PUMP

- Manual or automatic operation
- Two inch solid handling capability
- Residential wastewater and sewage applications

Piggyback Switch Plug



Wide angle
float operation available



Improved Diaphragm Switch

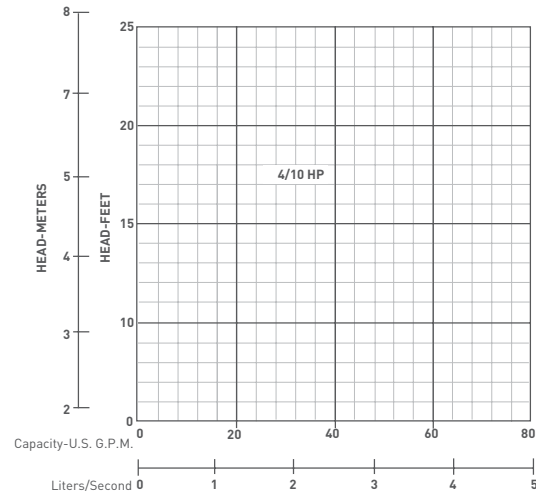


HYDROMATIC® BV-40 SUBMERSIBLE SEWAGE EJECTOR PUMP

Pump Characteristics

Pump/Motor Unit	Submersible
Automatic Models	BV-40AW1 or BV-40AD1
Horsepower	4/10
Full Load Amps	12.6
Motor Type	Shaded Pole (4 Pole)
R.P.M.	1550
Phase Ø	1
Voltage	115
Hertz	60
Operation	Intermittent
Temperature	120°F Ambient
NEMA Design	A
Insulation	Class A
Discharge Size	2" NPT std.
Solids Handling	2"
Unit Weight	35 lbs.
Power Cord	18/3, SJTW, 10'/20' std.

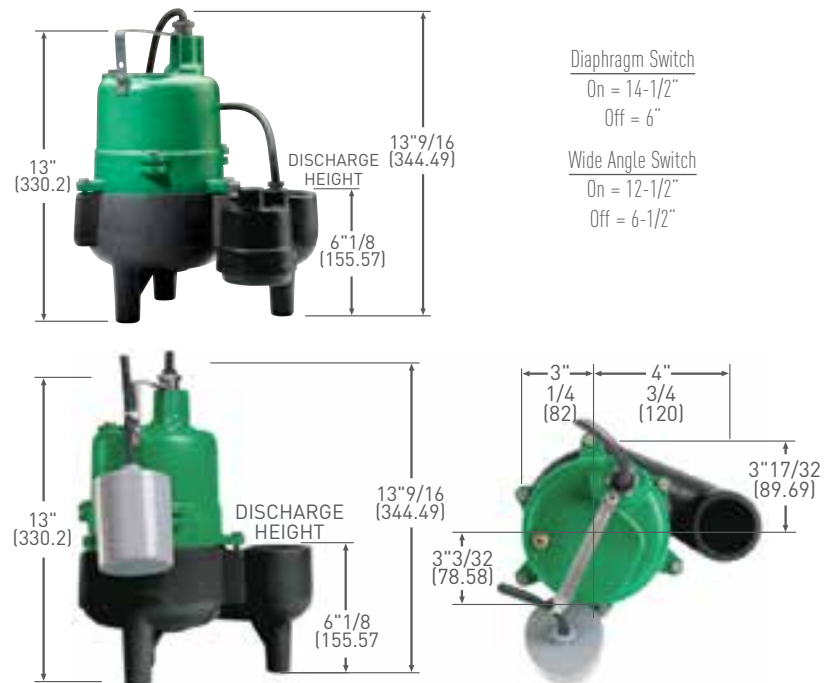
Performance Data



Materials of Construction

Handle	Steel
Lubricating Oil	Dielectric Oil
Motor Housing	Cast Iron
Seal Plate	Cast Iron
Pump Casing	Engineered Thermoplastic
Shaft	Stainless Steel
Mechanical Shaft Seal	Seal Faces: Carbon/Ceramic Seal Body: Anodized Steel Spring: Stainless Steel Bellows: Buna-N
Impeller	Engineered Thermoplastic
Upper Bearing	Brass Sleeve Bearing
Lower Bearing	Single Row Ball Bearing
Fasteners	Stainless Steel

Dimensional Data



All dimensions in inches. Metric for international use. Component dimensions may vary $\pm 1/8$ inch.
Dimensional data not for construction purpose unless certified. Dimensions and weights are approximate.



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