

# HYDROMATIC® B-A1/BV-A1 SUBMERSIBLE SUMP PUMP

Engineered for many years of maintenance free operation

## Features

- The 1/4 HP, 3450 rpm motor powers the vane type semiopen impeller for high efficiency
- Available with wide angle or vertical switch
- Oil-filled motor for superior heat dissipation and continuous lubrication
- Mechanical shaft seal assures reliable operation
- High-impact thermoplastic cap and base
- Corrosion resistant



B-A1



BV-A1



# HYDROMATIC® B-A1/BV-A1 SUBMERSIBLE SUMP PUMP

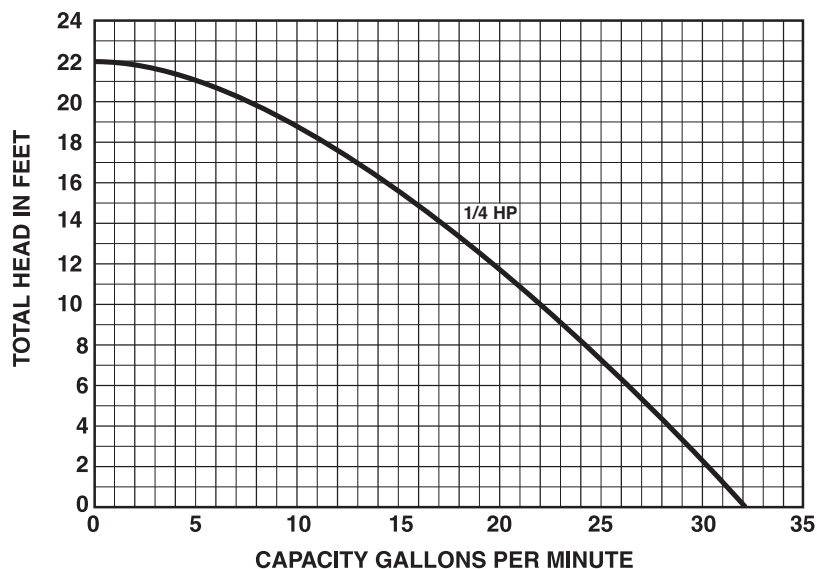
## Pump Characteristics

Pump/Motor Unit	Submersible	
Automatic Model	B-A1	BV-A1
Horsepower	1/4	
Full Load Amps	6.5	
Motor Type	PSC	
R.P.M.	3450	
Phase Ø	1	
Voltage	115	
Hertz	60	
Temperature	105°	
Insulation	Class A	
Discharge Size	1-1/2" NPT	
Solids Handling	1/4"	
Unit Weight	15 lbs.	
Power Cord	SJTW, 10' std.	

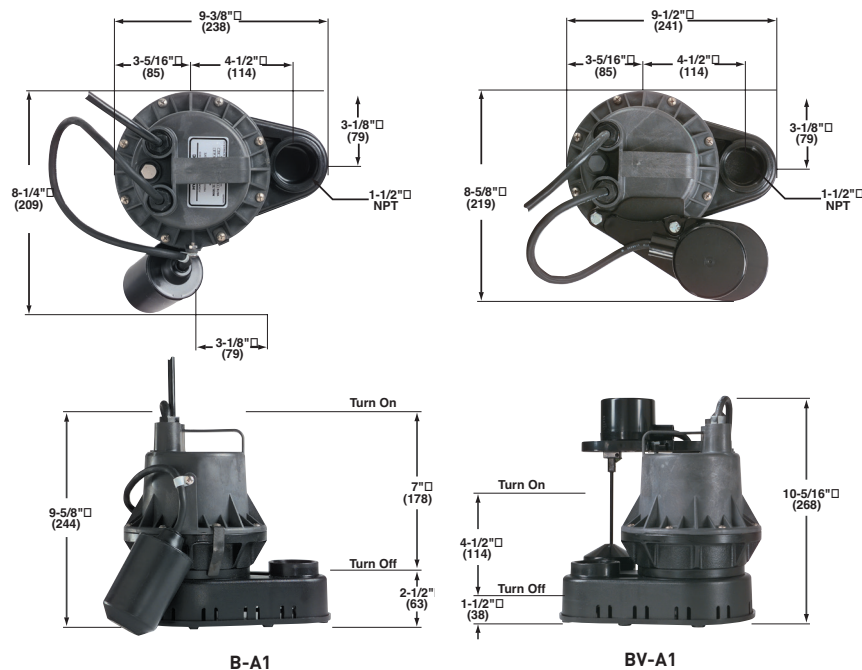
## Materials of Construction

Part Name	Material
Handle	Thermoplastic
Lubricating Oil	Dielectric Oil
Motor Housing	Cast Iron
Pump Volute	Cast Iron
Shaft	Steel
Mechanical Shaft Seal	Seal Faces: Carbon/Ceramic Seal Body: Anodized Steel Spring: Stainless Steel Belows: Buna-N
Impeller	Thermoplastic
Upper Bearing	Ball Bearing
Lower Bearing	Ball Bearing
Fasteners	Stainless Steel

## Performance Data



## Dimensional Data



All dimensions in inches. Component dimensions may vary  $\pm 1/8$  inch. Dimensional data not for construction purpose unless certified. Dimensions and weights are approximate. On/Off level adjustable. We reserve the right to make revisions to our product and their specifications without notice.



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Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.