



HYDROMATIC®

B-A1 / BV-A1

Submersible Sump Pump

Engineered for Many Years of Maintenance Free Operation



- 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



Pentair
Water™

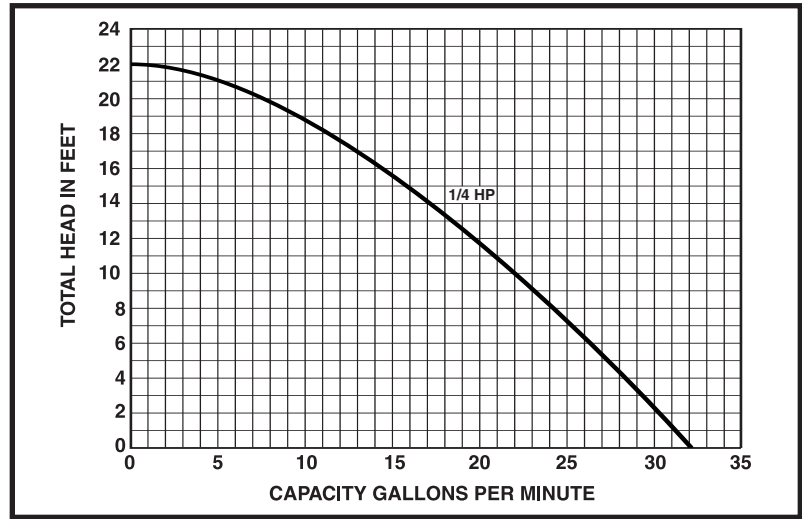
B-A1/BV-A1 – Submersible Sump Pump

Details

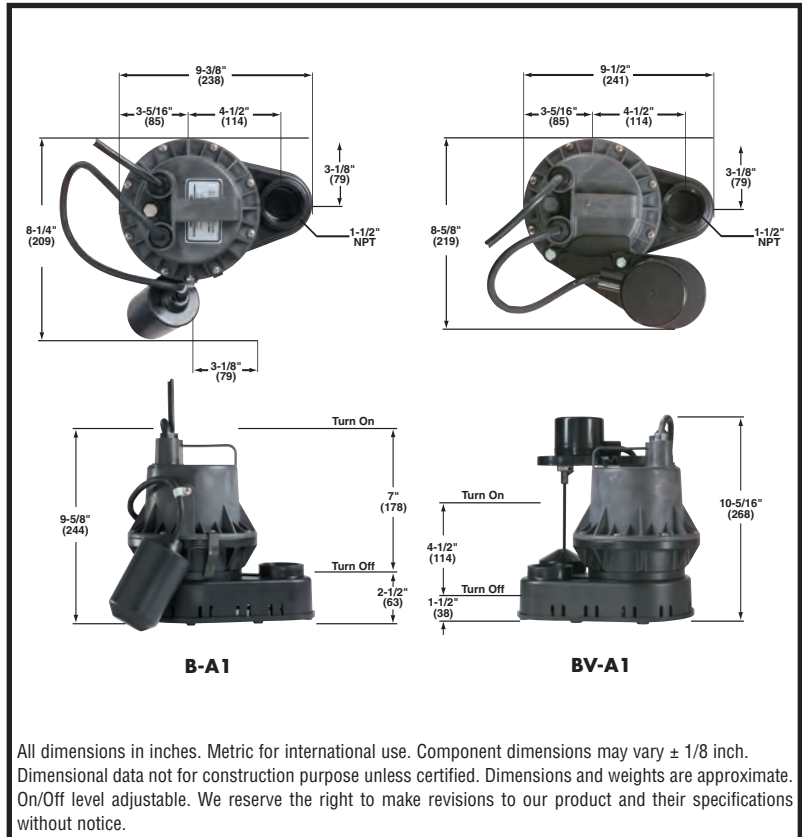
Pump Characteristics

Pump/Motor Unit	Submersible	
Automatic Models	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.	

Performance Data



Dimensional Data



Materials of Construction

Handle	Thermoplastic
Lubricating Oil	Dielectric Oil
Motor Housing	Cast Iron
Pump Volute	Thermoplastic
Shaft	Steel
Mechanical Shaft Seal	Seal Faces: Carbon/Ceramic Seal Body: Anodized Steel Springs: Stainless Steel Bellows: Buna-N
Impeller	Thermoplastic
Upper Bearing	Ball Bearing
Lower Bearing	Ball Bearing
Fastener	Stainless Steel



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