

INDUSTRIAL  
FLOW  
SOLUTIONS™**TECHNICAL DATA****BJM Pumps® SV08F****Dwg:**

DS-C32-002

**Rev:**

1

**Date:**

11/11/2024

**GENERAL DATA**

MAX. FLOW:	99 GPM (374.8 L/min)
MAX. HEAD:	28' (8.5m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	NON-CLOG VORTEX
MINIMUM SUBMERSION DEPTH:	11" (279 mm)
SOLID SIZE:	2" (50 mm)
IMPELLER DIAMETER:	3.55" (90 mm)
DISCHARGE SIZE	3" NPT-MALE (2" NPT-MALE OPTIONAL)
PUMP WEIGHT, without cable:	63.1 lbs (28.6 kg)
SHIPPING WEIGHT:	74.1 lbs (33.6 kg)

**CONSTRUCTION / MATERIAL DATA**

UPPER MECHANICAL SEAL	CARBON/SILICON CARBIDE FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/SILICON CARBIDE FKM
MOTOR HOUSING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER	CAST IRON
O-RINGS & LIP SEALS	FKM
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QUANTITY OIL IN SEAL CHAMBER	9.3 US FL. OZ. (275 CC.)
BALL BEARING: PERM. LUBE. UPPER	6203
BALL BEARING: PERM. LUBE. LOWER	6304

**ELECTRICAL / MOTOR DATA**

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 1 (CONTINUOUS DUTY <sup>1</sup> )			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	R			
MOTOR SERVICE FACTOR	1.1			
VOLTAGE - 60 Hz	208	230	460	575
CURRENT F.L.A.	3.5	3.2	1.6	1.3
LOCKED ROTOR CURRENT (LRA)	19.9	18	9	7.2
POWER CORD: GAGE; LENGTH	AWG 16/4, 33' (10m), HIGH TEMP RATED CABLE			
SENSOR CORD: GAGE; LENGTH	AWG 18/4, 33' (10m), HIGH TEMP RATED CABLE			
MOTOR PROTECTION	EMBEDDED THERMAL SWITCH			
SEAL LEAK DETECTOR <sup>2</sup>	Seal Minder® MOISTURE SENSING PROBE			
MAXIMUM LIQUID TEMPERATURE	200°F (93°C)			

1 - Continuous duty motor - see minimum submersion depth above

2 - Requires a seal fail circuit in control panel for warning signal

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INDUSTRIAL FLOW SOLUTIONS™

# PERFORMANCE CURVE

## BJM Pumps® SV08F

Dwg:

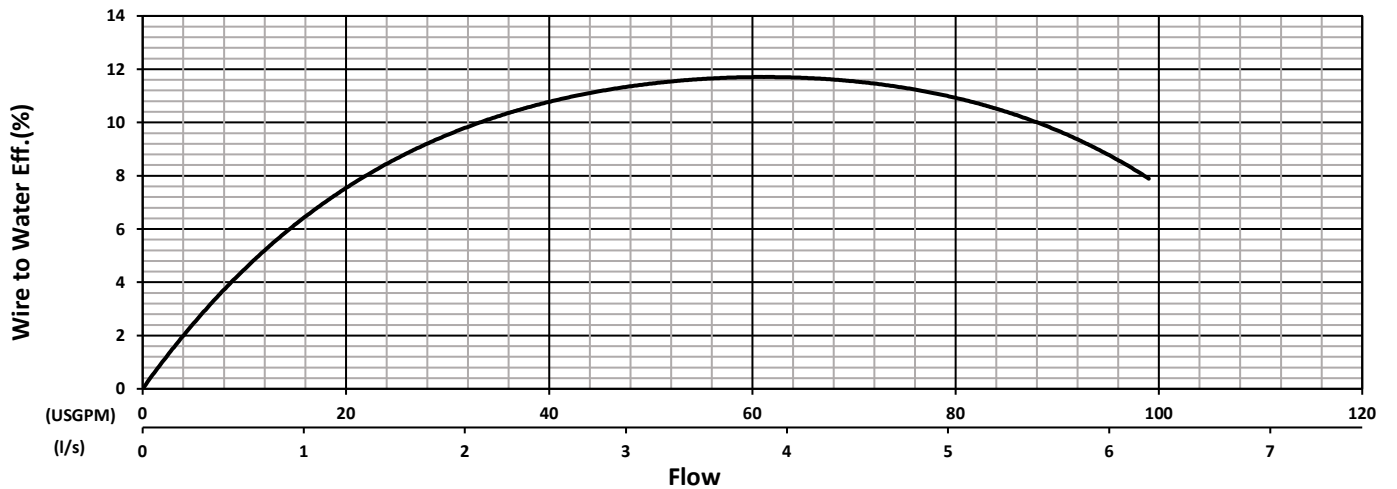
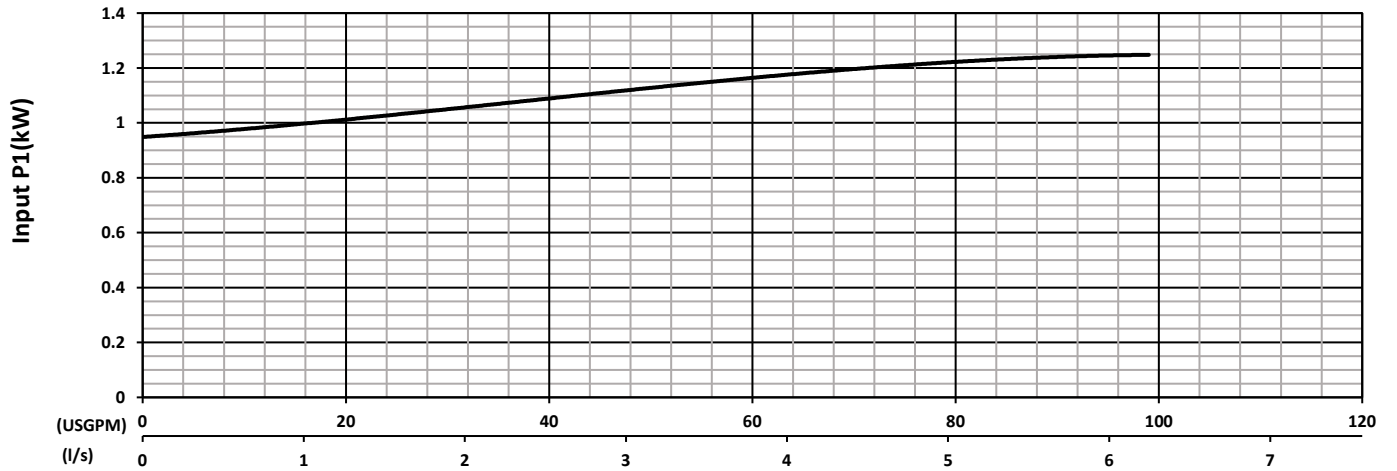
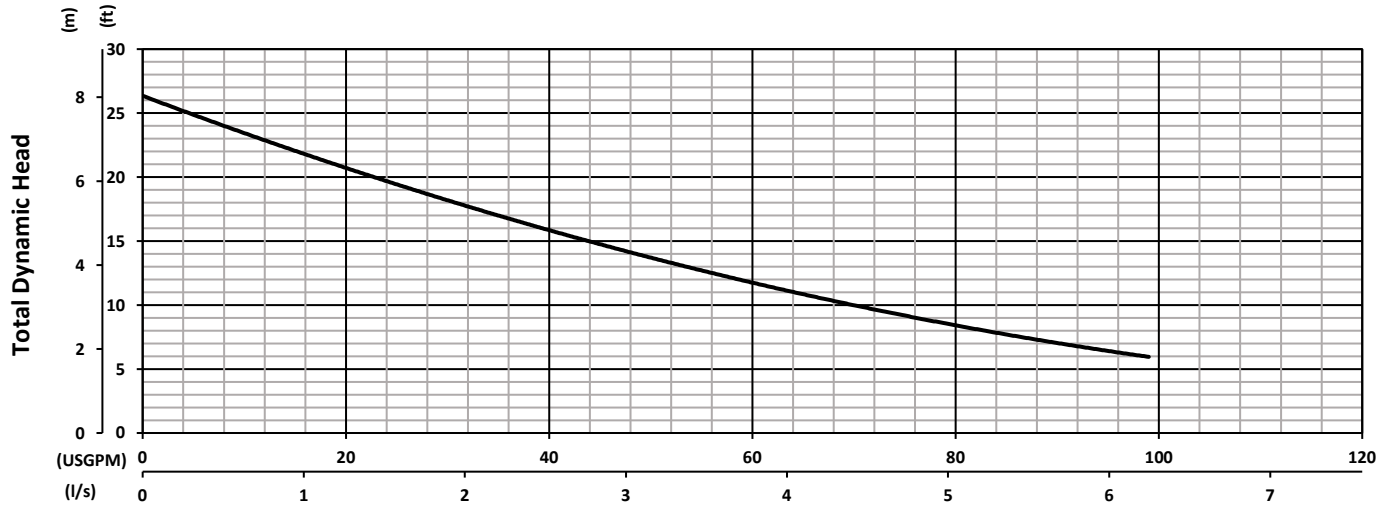
DS-C32-003

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Test Standard : HI 11.6 Gr 3B  
Tested with water at 20°C

08F - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	90mm

Specifications subject to change without notice