



INDUSTRIAL  
FLOW  
SOLUTIONS™

## TECHNICAL DATA

**BJM Pumps® SV08**

**Dwg:**

DS-C31-002

**Rev:**

1

**Date:**

11/8/2024

## 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	BUNA
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>2</sup> )			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	F			
MOTOR SERVICE FACTOR	1.1			
VOLTAGE <sup>1</sup> - 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), SOOW			
MOTOR PROTECTION	THERMAL & AMP OVERLOAD			
SEAL LEAK DETECTOR <sup>3</sup>	Seal Minder® MOISTURE SENSING PROBE			
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)			

1 - Available in other voltages for 50Hz

2 - Continuous duty motor - see minimum submersion depth above

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

©2024 Industrial Flow Solutions Operating, LLC. All rights reserved.

Industrial Flow Solutions Operating, LLC • 104 John W Murphy Drive, New Haven, CT 06513, USA

(860) 631-3618 • [www.flowsolutions.com](http://www.flowsolutions.com)



INDUSTRIAL  
FLOW  
SOLUTIONS™

# PERFORMANCE CURVE

## BJM Pumps® SV08

Dwg:

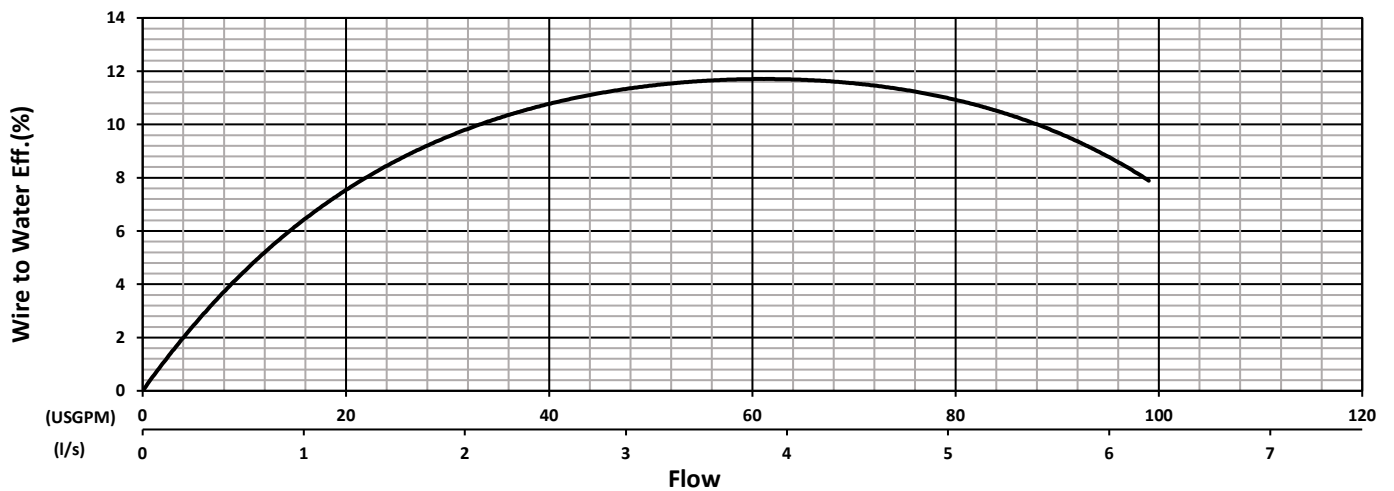
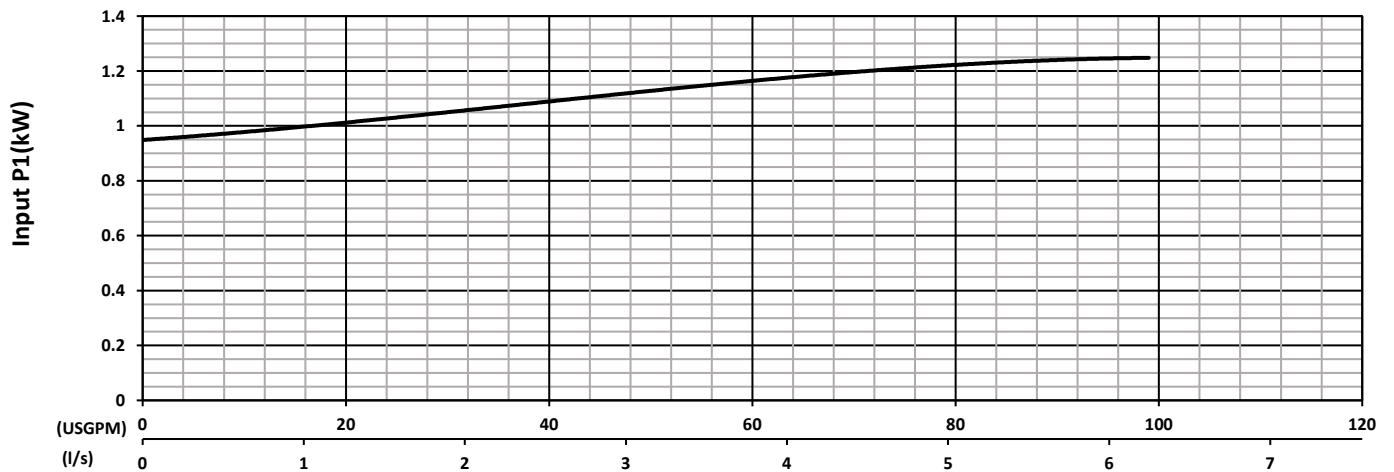
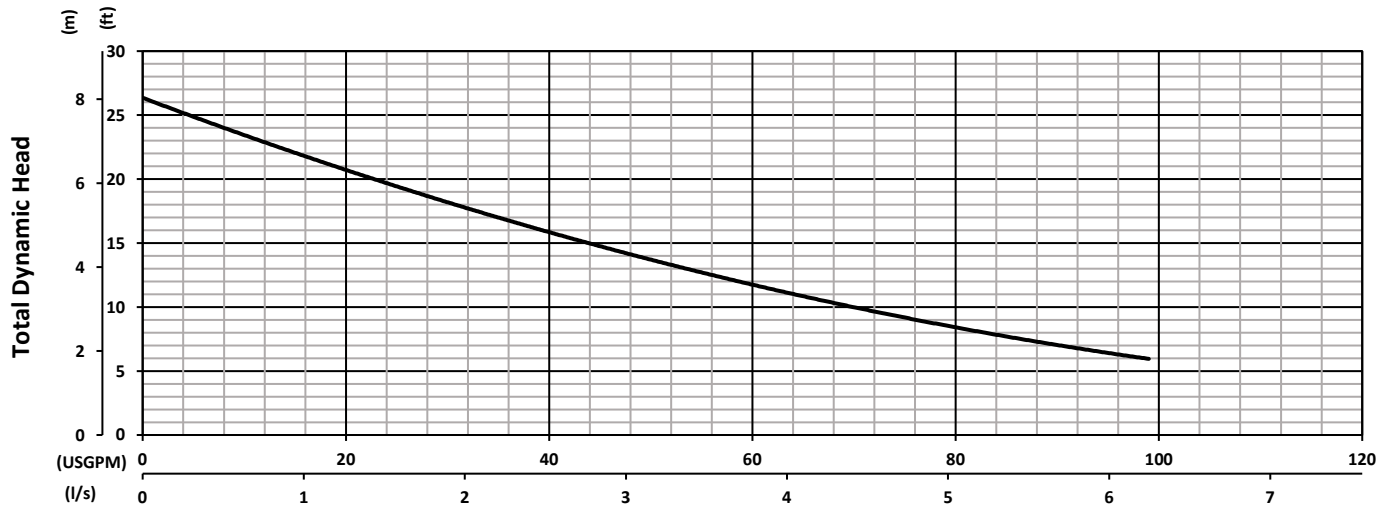
DS-C31-001

Rev:

1

Date:

11/8/2024



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

08 - Dual Units

Frequency 60 Hz  
Pump Speed 3450 RPM  
Impeller 90mm

Specifications subject to change without notice