



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® SV08CF

Dwg:

DS-C32-002

Rev:

2

Date:

8/12/2025

GENERAL DATA

MAX. FLOW:	94 GPM (355.8 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: FOR CONT. DUTY ³	10.99" (279 mm)
SOLID SIZE:	2" (50 mm)
IMPELLER DIAMETER:	3.55" (90 mm)
DISCHARGE SIZE	3" NPT-MALE
DISCHARGE CONECTION (OPTIONAL ⁴)	2" NPT-MALE
SLIDE RAIL SYSTEM	3"
PUMP WEIGHT (without cable):	63 lbs (28.6 kg)
SHIPPING WEIGHT:	74 lbs (33.6 kg)

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/SILICON CARBIDE, FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, FKM
MOTOR HOUSING	304 SS
PUMP VOLUTE	DUCTILE IRON
IMPELLER	CAST IRON
LIP SEAL & O-RINGS	FKM
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
BALL BEARING: OIL LUBRICATED UPPER	6203
BALL BEARING: OIL LUBRICATED LOWER	6304

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	1, SUBMERSIBLE OIL FILLED, (CONT. DUTY ³)			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	R, 428°F (220°C)			
MOTOR SERVICE FACTOR	1.1			
VOLTAGE - 60Hz ¹	208V	230V	460V	575V
CURRENT F.L.A.	3.5	3.2	1.6	1.3
LOCKED ROTOR CURRENT (LRA)	19.9	18	9	7.2
POWER CABLE: GAGE-LENGTH	AWG 16/4, 33' (10m) HIGH TEMP RATED CABLE			
SENSOR CABLE: ² GAGE-LENGTH	AWG 18/4, 33' (10m) HIGH TEMP RATED CABLE			
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING PHASE, 300°F (149°C)			
SEAL LEAK DETECTOR ²	Seal Minder® MOISTURE SENSING PROBE			
MAXIMUM LIQUID TEMPERATURE	200°F (93°C)			

1 - Available in other voltages for 50Hz

2 - Requires a seal fail circuit in control panel for warranty validity

3 - Continuous duty motor - see minimum submersion depth above

4 - Converting to 2" discharge requires additional purchased parts & will effect performance

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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



INDUSTRIAL
FLOW
SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps® SV08CF

Dwg:

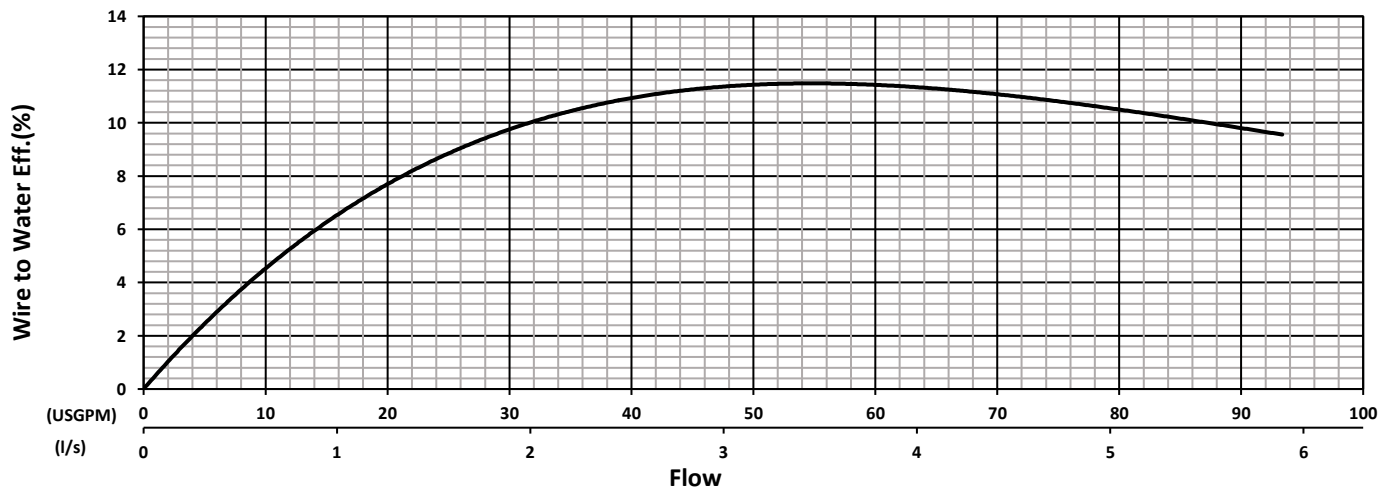
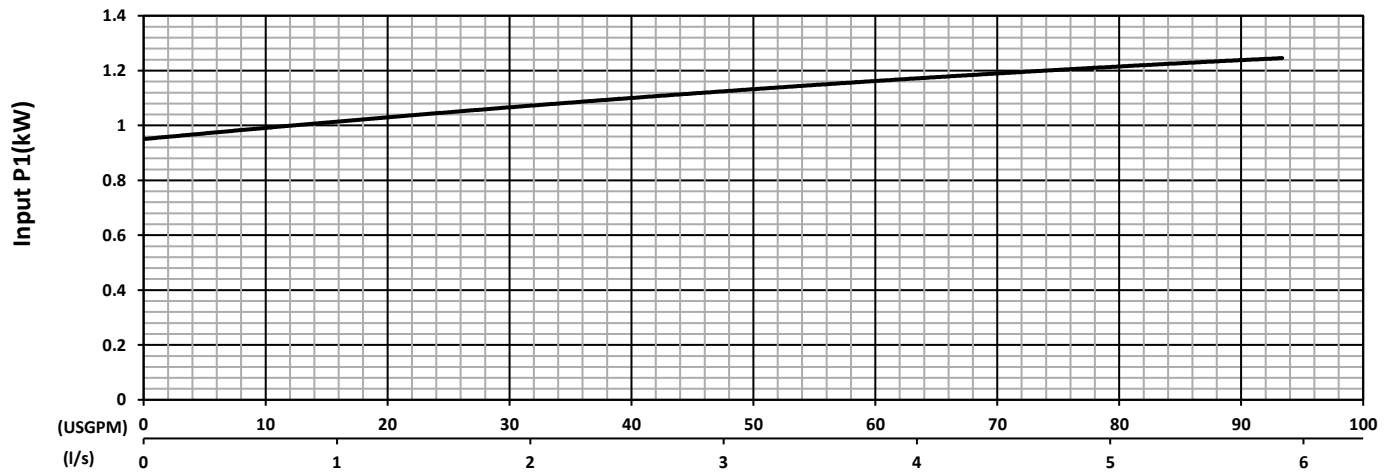
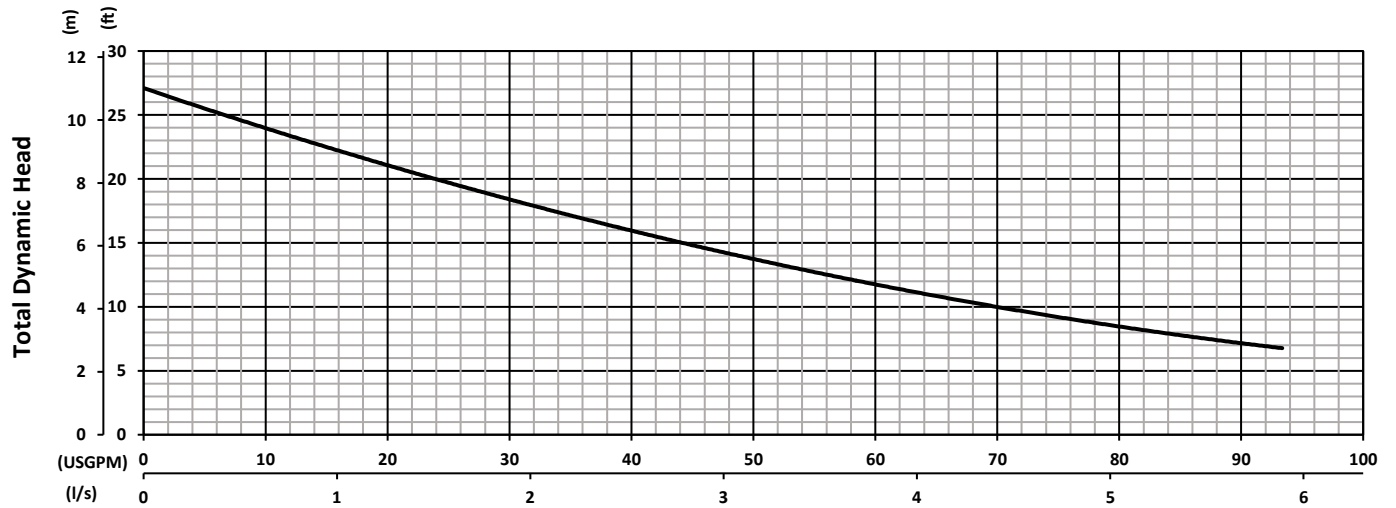
DS-C32-003

Rev:

2

Date:

6/20/2025



Flow

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

08CF - Dual Units

Frequency
Pump Speed
Impeller

60 Hz
3450 RPM
90mm

Specifications subject to change without notice