

INDUSTRIAL
FLOW
SOLUTIONS™**TECHNICAL DATA****BJM Pumps® SV750C****Dwg:**

DS-C31-017

Rev:

1

Date:

7/8/2025

GENERAL DATA

MAX. FLOW:	90 GPM (340.6 L/min)
MAX. HEAD:	32' (9.7m)
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	12.01" (305 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):	68 lbs (31 kg)
SHIPPING WEIGHT:	80 lbs (36.4 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	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
BALL BEARING: PERM. LUBE. UPPER	6203
BALL BEARING: PERM. LUBE. LOWER	6304

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	1, SUBMERSIBLE , (CONTINUOUS DUTY ³)	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	F	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE - 1PH - 60Hz ¹	115V	230V
CURRENT F.L.A.	14	7
LOCKED ROTOR CURRENT (LRA)	70	35
POWER CABLE: GAGE-LENGTH	AWG 14/3, 33' (10m) STOW	
SENSOR CABLE: (OPTIONAL ²) GAGE-LENGTH	AWG 18/2, 33' (10m) SOOW	
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD	
SEAL LEAK DETECTOR (OPTIONAL ²)	Seal Minder® MOISTURE SENSING PROBE	
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)	

1 - Available in other voltages for 50Hz

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

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 SV750C

Dwg:

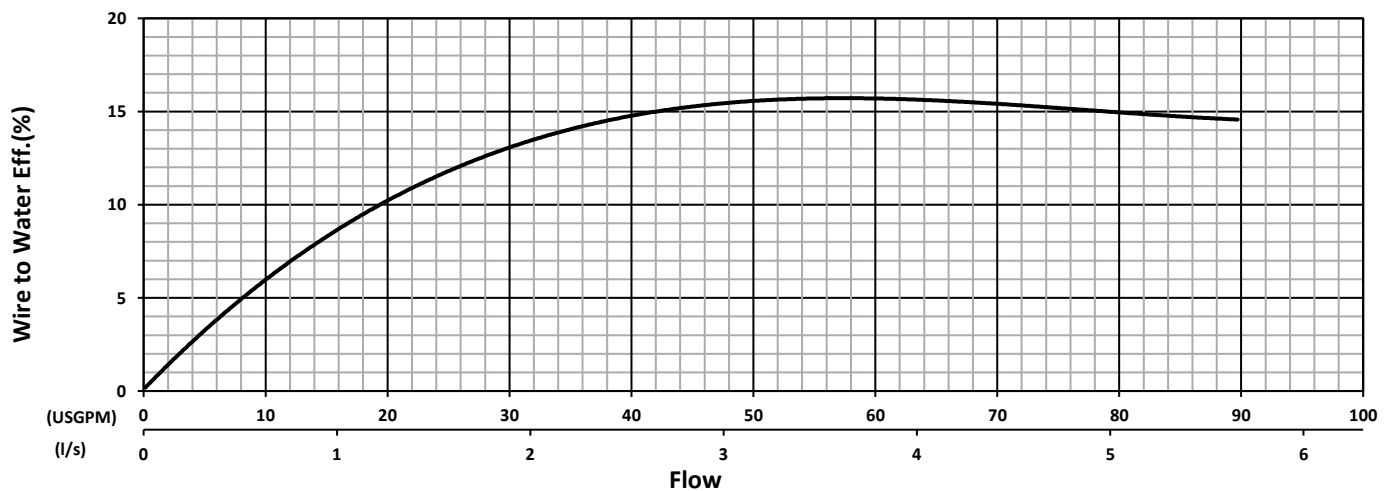
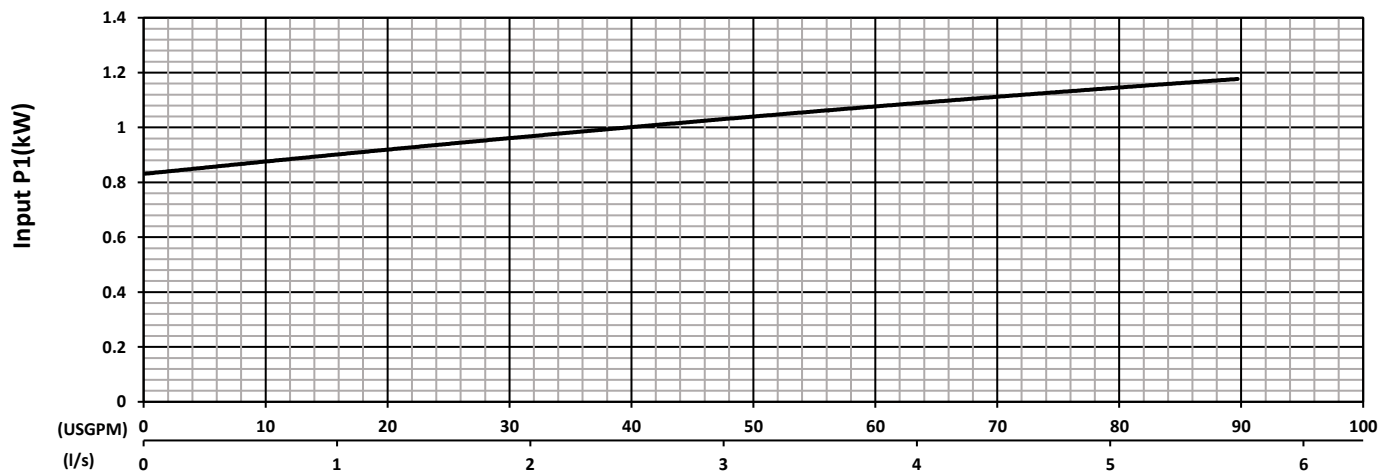
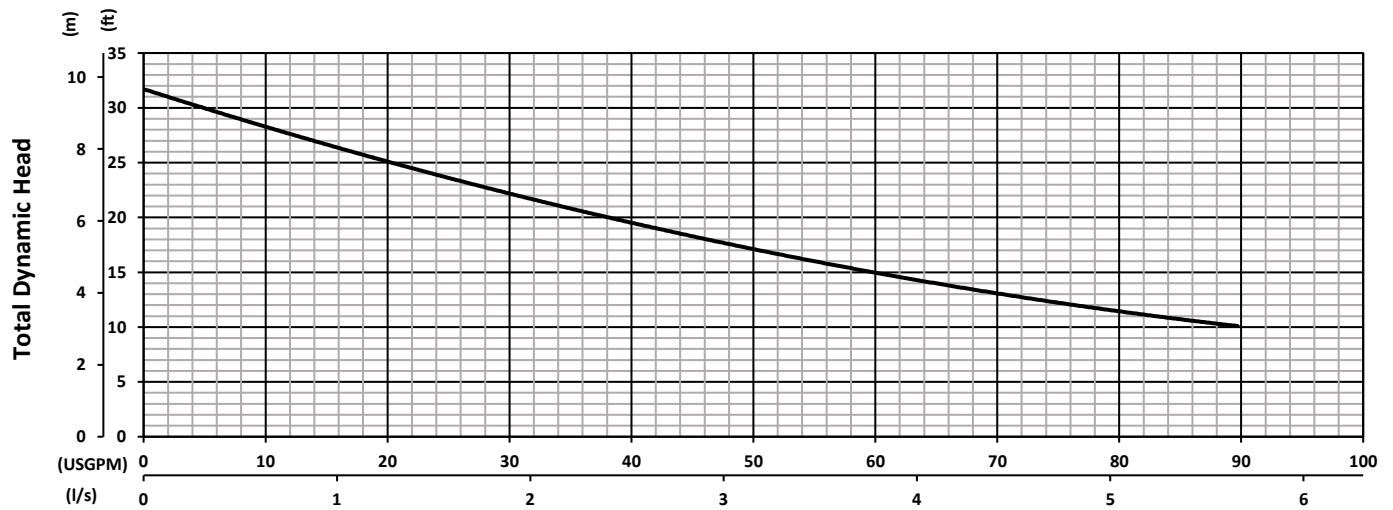
DS-C31-008

Rev:

1

Date:

7/23/2025



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

750C - Dual Units

Frequency
Pump Speed
Impeller

60 Hz
3450 RPM
90mm

Specifications subject to change without notice