



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® SV1500CF

Dwg:

DS-C32-014

Rev:

1

Date:

8/12/2025

GENERAL DATA

MAX. FLOW:	217 GPM (821.4 L/min)
MAX. HEAD:	33' (10m)
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	14.49" (368 mm)
SOLID SIZE:	2.5" (64 mm)
IMPELLER DIAMETER:	3.75" (95 mm)
DISCHARGE SIZE	3" NPT-FEMALE
SLIDE RAIL SYSTEM	3"
PUMP WEIGHT (without cable):	92 lbs (41.8 kg)
SHIPPING WEIGHT:	110 lbs (50 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	2, SUBMERSIBLE OIL FILLED, (CONT. DUTY ³)
MOTOR RPM	3450
MOTOR INSULATION CLASS	R, 428°F (220°C)
MOTOR SERVICE FACTOR	1.1
VOLTAGE - 1PH - 60Hz ¹	230V
CURRENT F.L.A.	16
LOCKED ROTOR CURRENT (LRA)	65
POWER CABLE: GAGE-LENGTH	AWG 14/4, 33' (10m) HIGH TEMP RATED CABLE
SENSOR CABLE: ² GAGE-LENGTH	AWG 18/4, 33' (10m) HIGH TEMP RATED CABLE
START COMPONENTS	CAPACITOR & START RELAY COMPONENTS IN CONTROL PANEL (REQUIRED FOR OPERATION)
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

©2025 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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



INDUSTRIAL FLOW SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps® SV1500CF

Dwg:

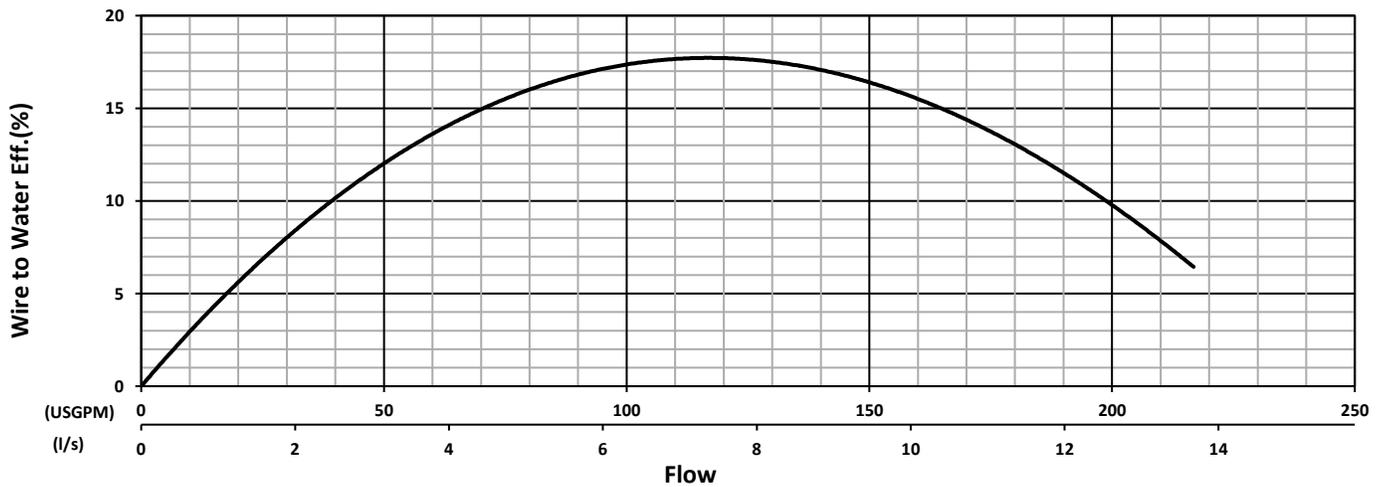
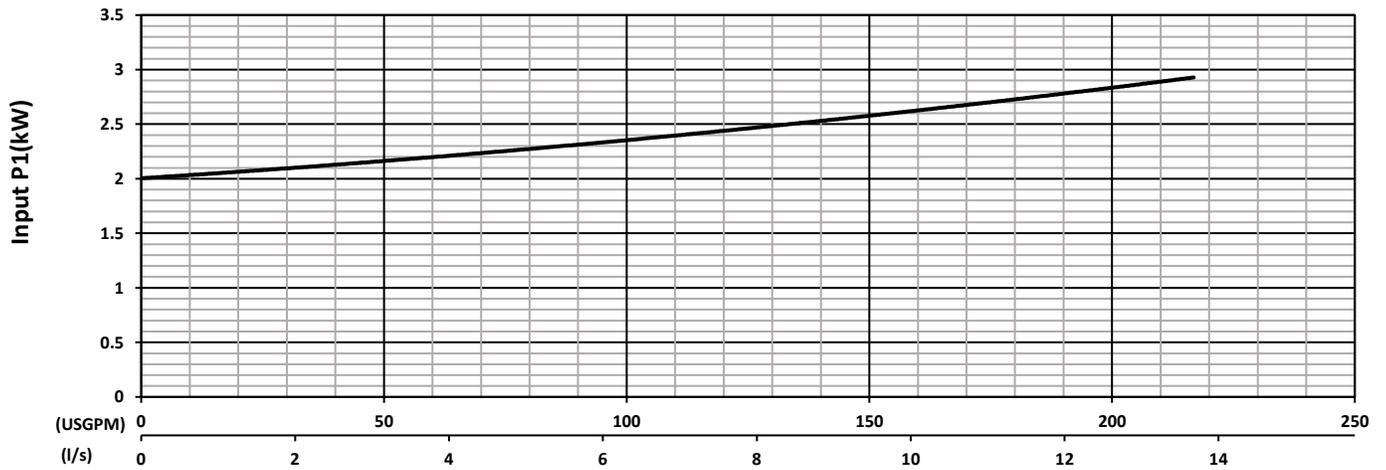
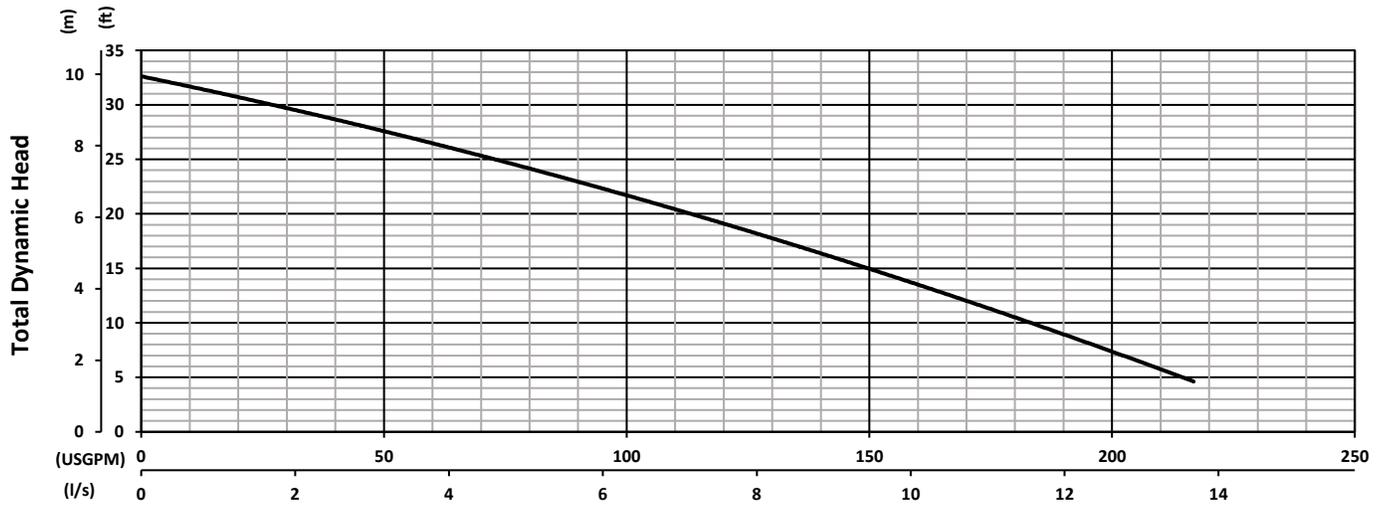
DS-C32-005

Rev:

1

Date:

6/20/2025



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

1500CF - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	95mm

Specifications subject to change without notice