



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® SV22CF

Dwg:	DS-C32-016	Rev:	1	Date:	8/12/2025
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GENERAL DATA

MAX. FLOW:	243 GPM (919.8 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	16.5" (419 mm)
SOLID SIZE:	3" (76 mm)
IMPELLER DIAMETER:	6.62" (168 mm)
DISCHARGE SIZE	3" NPT-FEMALE
SLIDE RAIL SYSTEM	3"
PUMP WEIGHT (without cable):	130 lbs (59.1 kg)
SHIPPING WEIGHT:	165 lbs (75 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	6304
BALL BEARING: OIL LUBRICATED LOWER	6305

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	3, SUBMERSIBLE OIL FILLED, (CONT. DUTY ³)			
MOTOR RPM	1750			
MOTOR INSULATION CLASS	R, 428°F (220°C)			
MOTOR SERVICE FACTOR	1.1			
VOLTAGE - 60Hz ¹	208V	230V	460V	575V
CURRENT F.L.A.	9.45	9	4.5	3.2
LOCKED ROTOR CURRENT (LRA)	57	56	28	22
POWER CABLE: GAGE-LENGTH	AWG 10/4, 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

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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



INDUSTRIAL FLOW SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps® SV22CF

Dwg:

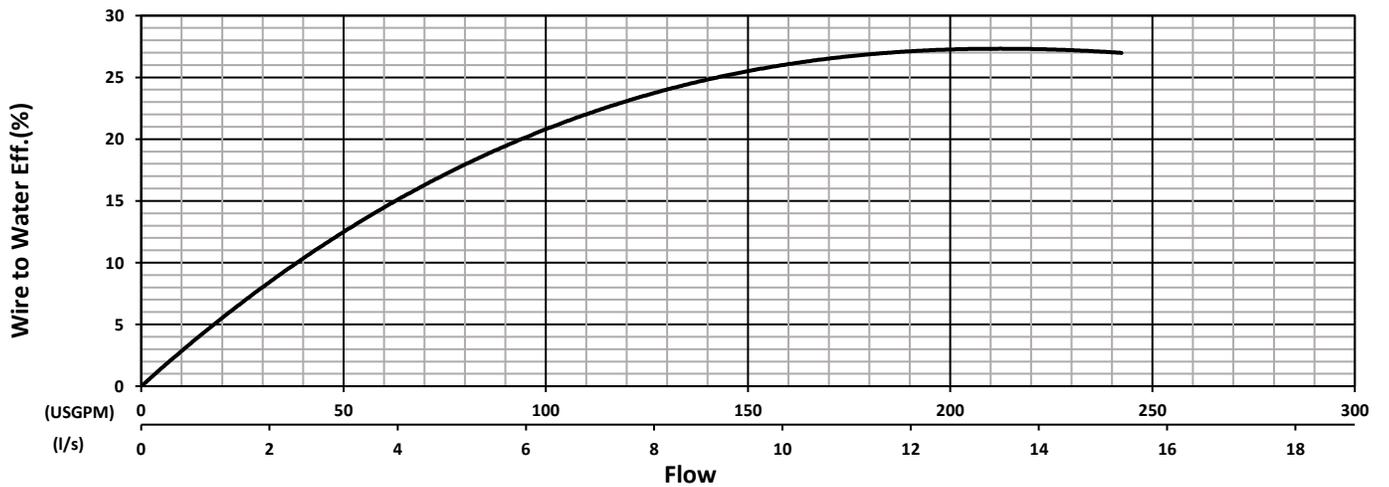
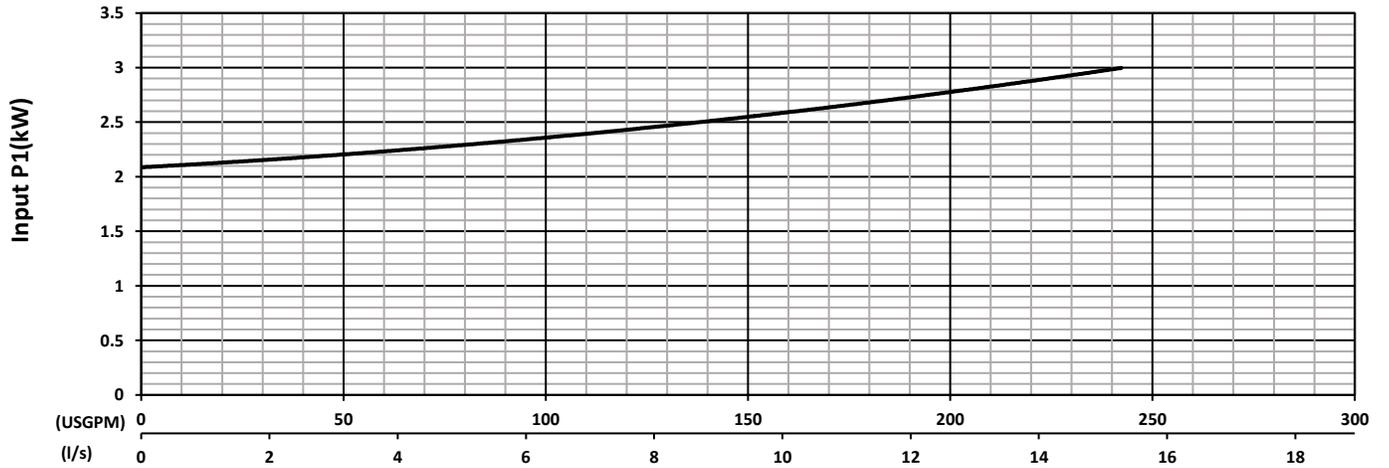
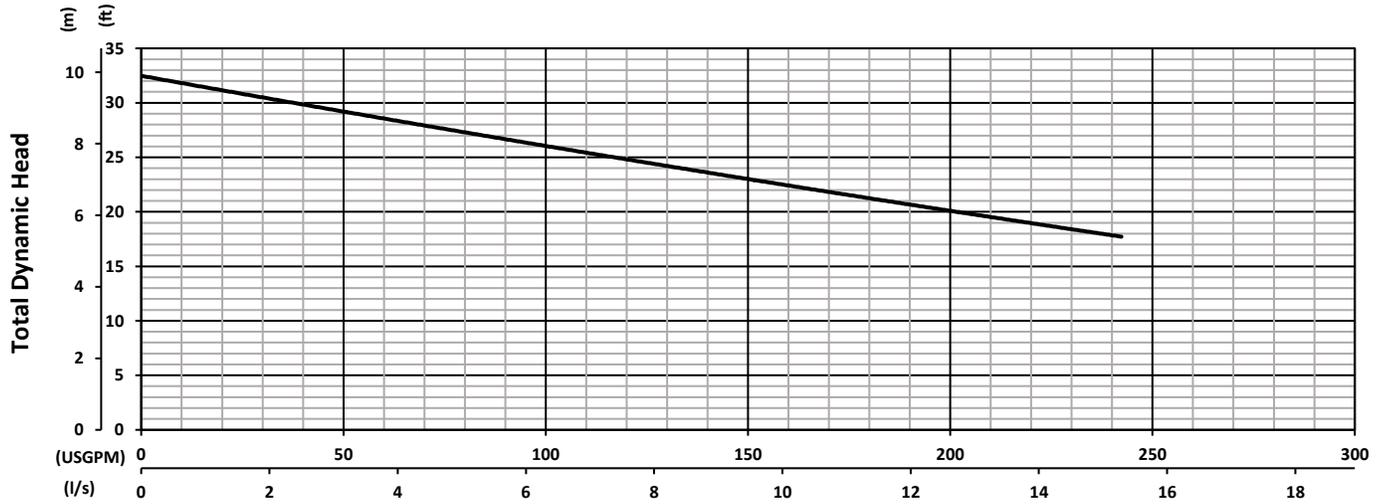
DS-C32-008

Rev:

1

Date:

6/20/2025



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

22CF - Dual Units

Frequency	60 Hz
Pump Speed	1750 RPM
Impeller	168mm

Specifications subject to change without notice