



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® SV37C

Dwg:

DS-C31-014

Rev:

1

Date:

7/8/2025

GENERAL DATA

MAX. FLOW:	291 GPM (1101.5 L/min)
MAX. HEAD:	40' (12.1m)
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	17.52" (445 mm)
SOLID SIZE:	3" (76 mm)
IMPELLER DIAMETER:	6.75" (171.4 mm)
DISCHARGE SIZE	3" NPT-FEMALE
SLIDE RAIL SYSTEM	3"
PUMP WEIGHT (without cable):	152 lbs (69.1 kg)
SHIPPING WEIGHT:	188 lbs (85.5 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	6304
BALL BEARING: PERM. LUBE. LOWER	6305

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	5, SUBMERSIBLE , (CONTINUOUS DUTY ³)			
MOTOR RPM	1750			
MOTOR INSULATION CLASS	F			
MOTOR SERVICE FACTOR	1.1			
VOLTAGE - 60Hz ¹	208V	230V	460V	575V
CURRENT F.L.A.	14.7	14	7	5.5
LOCKED ROTOR CURRENT (LRA)	86.5	85	43	38
POWER CABLE: GAGE-LENGTH	AWG 12/4, 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

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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



INDUSTRIAL FLOW SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps® SV37C

Dwg:

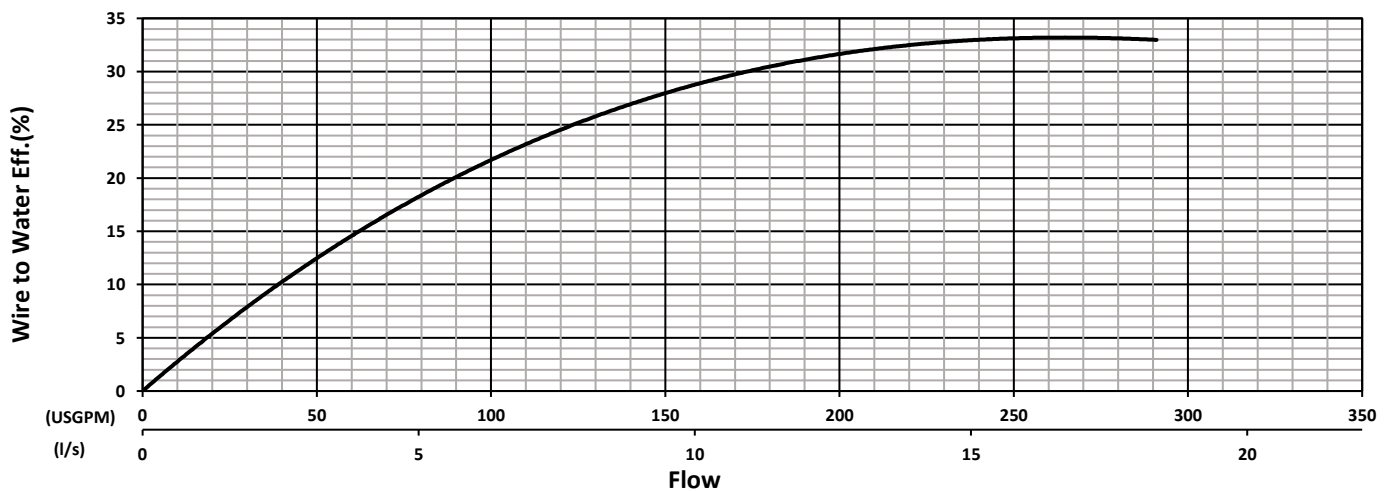
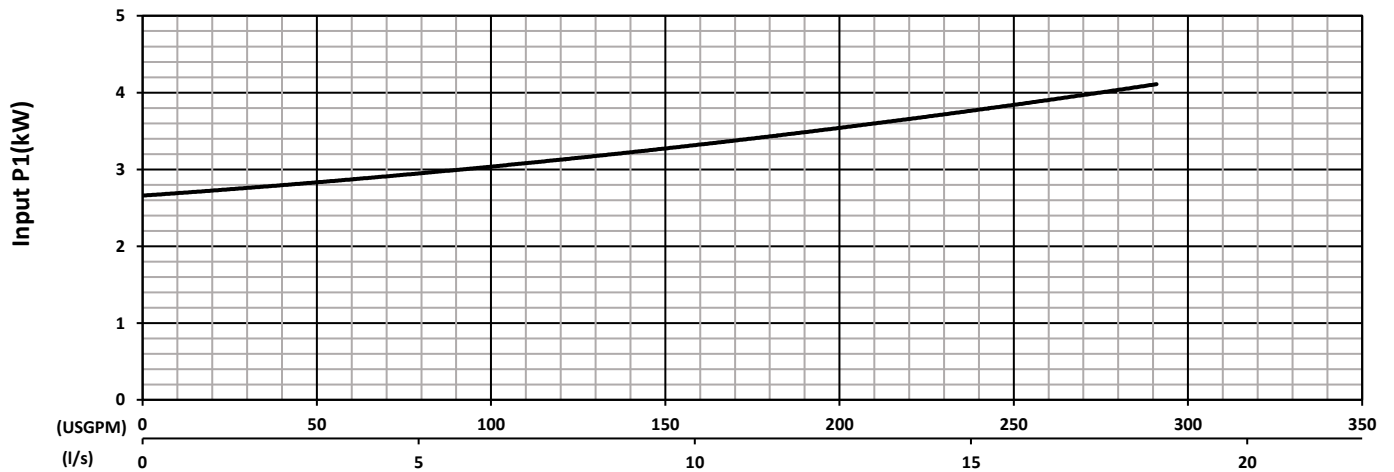
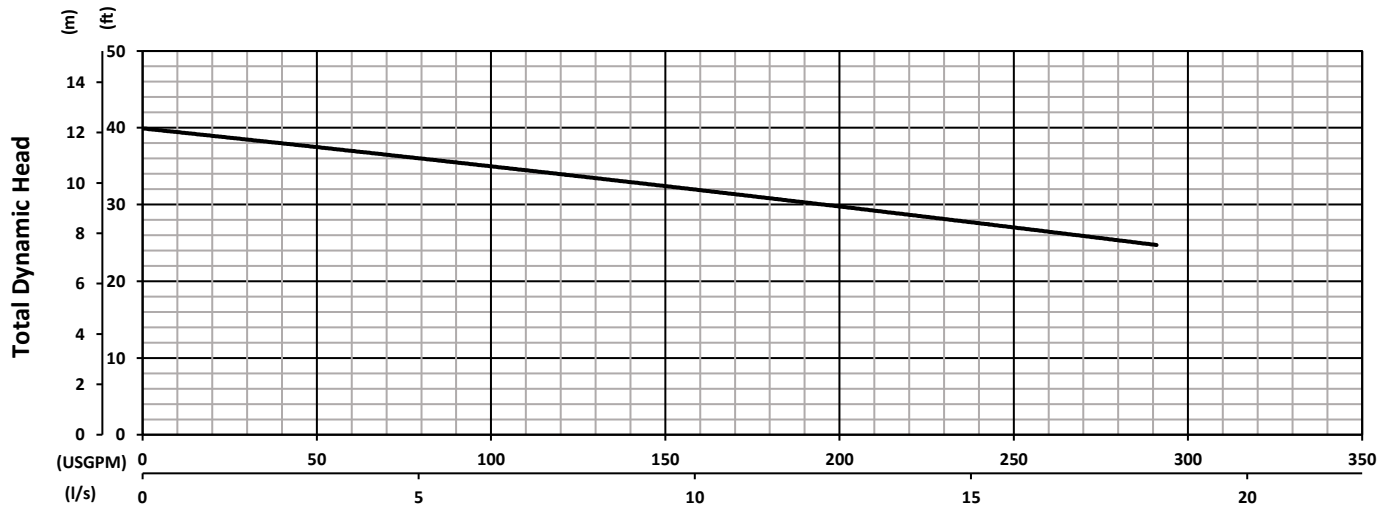
DS-C31-005

Rev:

1

Date:

6/20/2025



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

37C - Dual Units

Frequency	60 Hz
Pump Speed	1750 RPM
Impeller	171.4mm

Specifications subject to change without notice