

 INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® SV75C		
	Dwg:	DS-C31-018	Rev:	1	Date:	7/8/2025

GENERAL DATA

MAX. FLOW:	821 GPM (3107.8 L/min)
MAX. HEAD:	59' (17.9m)
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	22.52" (572 mm)
SOLID SIZE:	3.5" (89 mm)
IMPELLER DIAMETER:	7.45" (189 mm)
DISCHARGE SIZE	4" NPT-FEMALE
SLIDE RAIL SYSTEM	4"
PUMP WEIGHT (without cable):	266 lbs (120.5 kg)
SHIPPING WEIGHT:	308 lbs (139.6 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	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
BALL BEARING: PERM. LUBE. UPPER	6305
BALL BEARING: PERM. LUBE. LOWER	6307 (x2)

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	10, SUBMERSIBLE , (CONTINUOUS DUTY ³)	
MOTOR RPM	1750	
MOTOR INSULATION CLASS	F	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE - 60Hz ¹	460V	575V
CURRENT F.L.A.	15	10.5
LOCKED ROTOR CURRENT (LRA)	77	55
POWER CABLE: GAGE-LENGTH	AWG 10/4, 33' (10m) SOOW	
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® SV75C

Dwg:

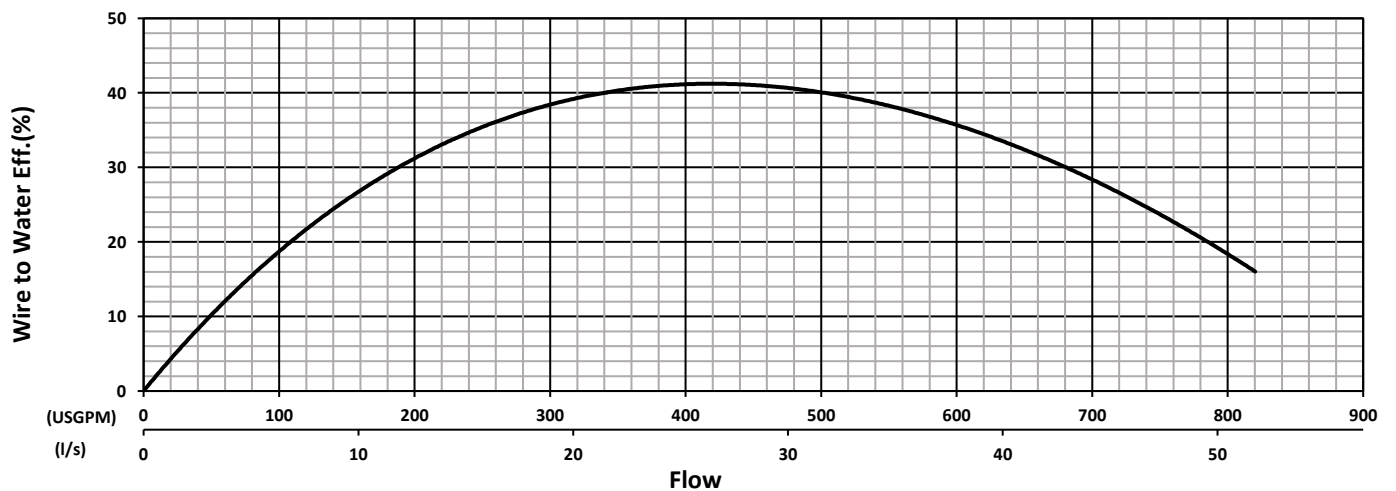
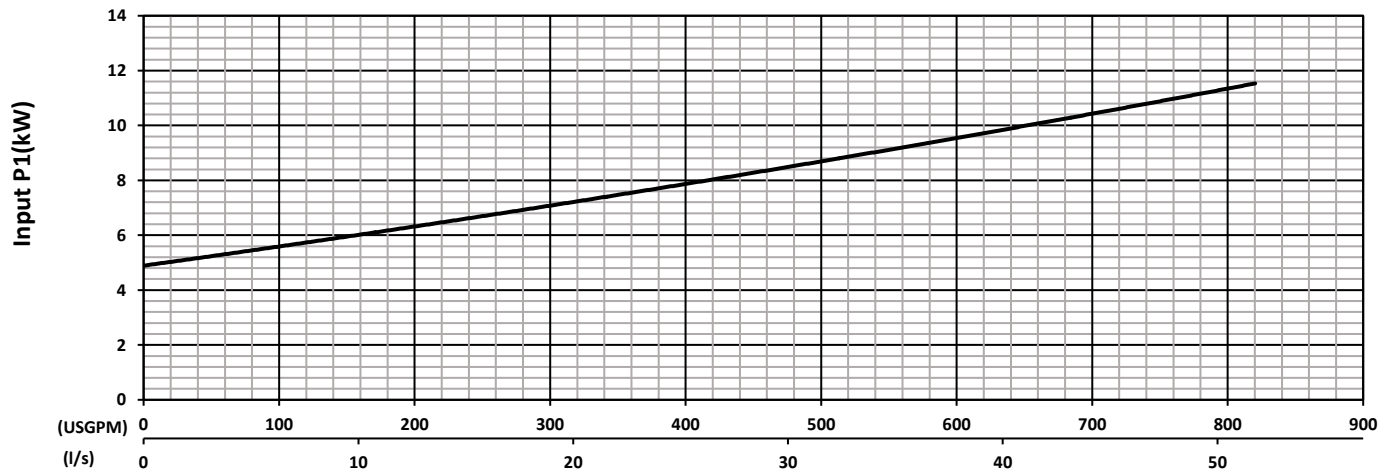
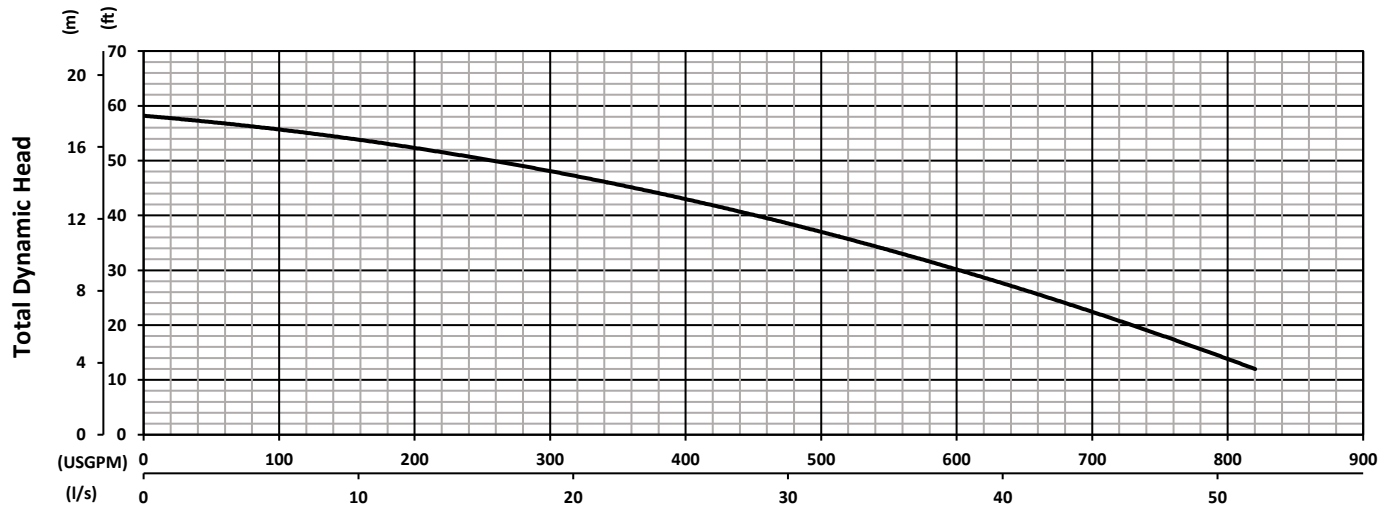
DS-C31-009

Rev:

1

Date:

8/6/2025



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

75C - Dual Units

Frequency 60 Hz
Pump Speed 1750 RPM
Impeller 189mm

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