

 INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® SV400		
	Dwg:	DS-C31-015	Rev:	1	Date:	7/8/2025

GENERAL DATA

MAX. FLOW:	70 GPM (264.9 L/min)
MAX. HEAD:	25' (7.6m)
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 ²	10.52" (267 mm)
SOLID SIZE:	1.5" (38 mm)
IMPELLER DIAMETER:	3.22" (81.6 mm)
DISCHARGE SIZE	2" NPT-MALE
SLIDE RAIL SYSTEM	2"
PUMP WEIGHT (without cable):	34 lbs (15.5 kg)
SHIPPING WEIGHT:	40 lbs (18.2 kg)

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/CERAMIC, BUNA-N
LOWER MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, BUNA-N
MOTOR HOUSING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER	CAST IRON
LIP SEAL & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
BALL BEARING: PERM. LUBE. UPPER	6201
BALL BEARING: PERM. LUBE. LOWER	6201

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	0.5 SUBMERSIBLE , (CONTINUOUS DUTY ²)	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	F	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE - 1PH - 60Hz ¹	115	230
CURRENT F.L.A.	7.6	3.8
LOCKED ROTOR CURRENT (LRA)	24	12
POWER CABLE: GAGE-LENGTH	AWG 16/3, 33' (10m) STOW	
MOTOR PROTECTION	EMBEDDED THERMAL SENSOR	
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)	

1 - Available in other voltages for 50Hz

2 - 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® SV400

Dwg:

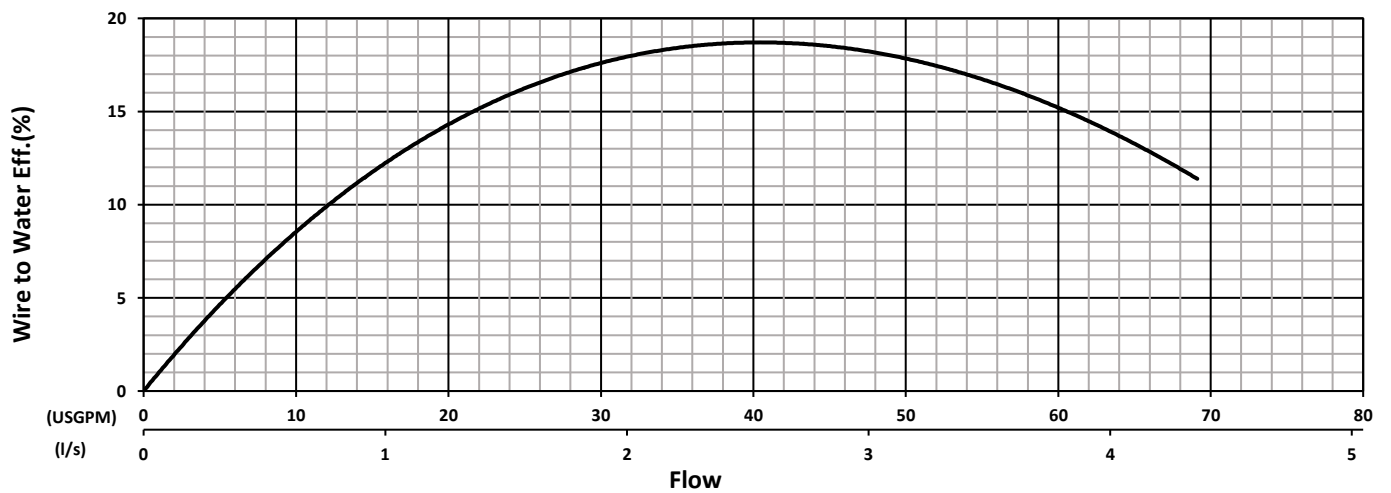
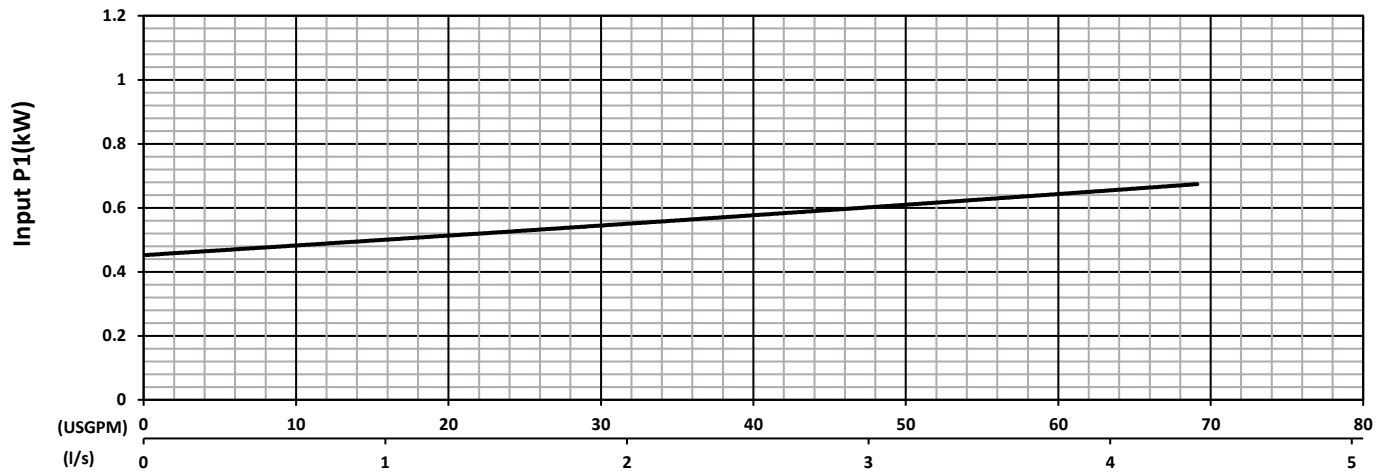
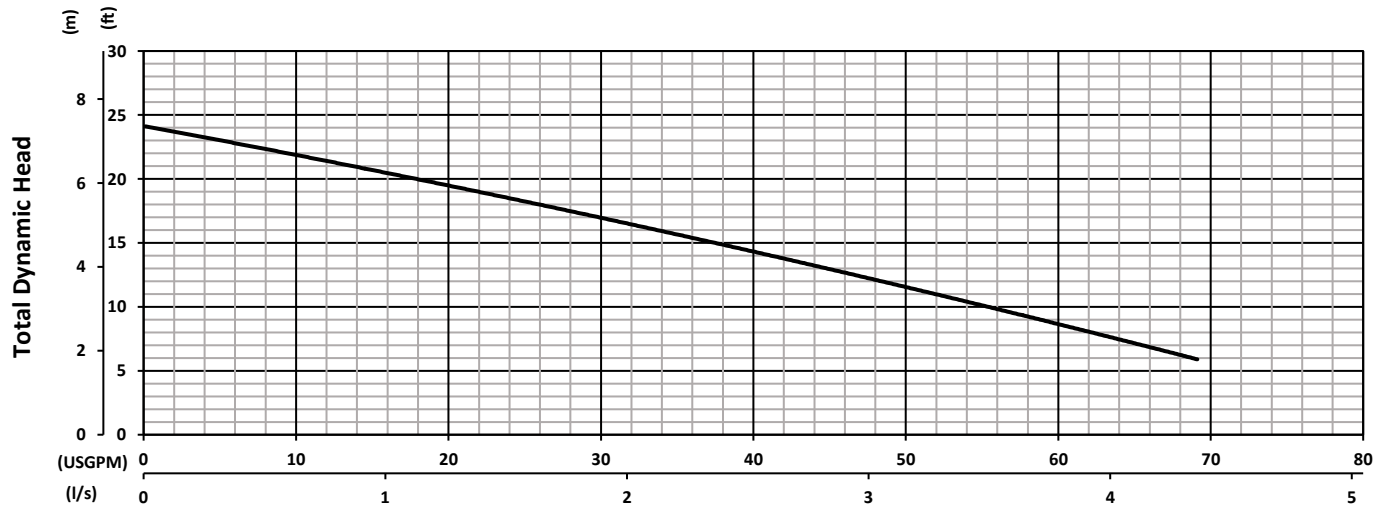
DS-C31-006

Rev:

1

Date:

7/23/2025



Flow

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

400 - Dual Units

Frequency 60 Hz
Pump Speed 3450 RPM
Impeller 81.6mm

Specifications subject to change without notice