




**GENERAL DATA**

APPROVALS:	CSA APPROVAL (AVAILABLE UPON REQUEST)	
MAX. FLOW:	74 GPM (280.1 LPM)	
MAX. HEAD:	51' (15.5m)	
MAX. SUBMERSION DEPTH:	65' (20 m) or limited to length of power cord, Consult factory for deeper depths	
PUMP TYPE:	DEWATERING, SIDE DISCHARGE, HIGH TEMP	
MINIMUM SUBMERSION DEPTH FOR CONT. DUTY <sup>3</sup> :	16" (406.4 mm)	
PUMP DOWN WATER LEVEL:	5.25" (133.35 mm)	
SOLID SIZE:	0.2" (4.7 mm)	
STRAINER OPENING:	0.2" (6.3 mm)	
IMPELLER DIAMETER:	4.33" (110 mm)	
DISCHARGE SIZE:	2" NPT-MALE	
SLIDE RAIL SYSTEM	2" STAINLESS STEEL	
PUMP WEIGHT (without cable):	51 lbs (23.1 kg)	
SHIPPING WEIGHT:	60 lbs (27.2 kg)	

**CONSTRUCTION / MATERIAL DATA**

UPPER MECHANICAL SEAL	CARBON/CERAMIC, FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, FKM
MOTOR CASING	316 SS
IMPELLER & VOLUTE	316 SS
STRAINER	316 SS
LIP SEAL & O-RINGS	FKM
ROTOR SHAFT	316 SS
EXTERNAL HARDWARE	316 SS
BEARING, OIL LUBRICATED, UPPER:	6203
BEARING, OIL LUBRICATED, LOWER:	6304

**ELECTRICAL / MOTOR DATA**

MOTOR: HP, TYPE, RATING	1, SUBMERSIBLE OIL FILLED, (CONTINUOUS DUTY <sup>3</sup> )			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	R, 428°F (220°C)			
MOTOR SERVICE FACTOR	1.1			
VOLTAGE - 3PH - 60HZ <sup>1</sup>	208V	230V	460V	575V
CURRENT F.L.A.	3.5	3.2	1.6	1.3
LOCKED ROTOR CURRENT (LRA)	18.15	18	9	8
STANDARD POWER CABLE: GAGE-LENGTH	AWG 16/4, 33' (10m) HIGH TEMP RATED CABLE			
CSA RATED POWER CABLE: GAGE-LENGTH	AWG 12/4, 50' (15m) SEOOW			
SENSOR CABLE: <sup>2</sup> 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 <sup>2</sup>	Seal Minder® MOISTURE SENSING PROBE			
MAXIMUM LIQUID TEMPERATURE	200°F (93°C)			

1 - Available in other voltages for 50Hz

2 - Requires seal fail and thermal circuit in control panel for warranty validity.

3 - Continuous duty motor - see minimum submersion depth above.



INDUSTRIAL FLOW SOLUTIONS™

# PERFORMANCE CURVE

## BJM Pumps® JX08SSF

Dwg:

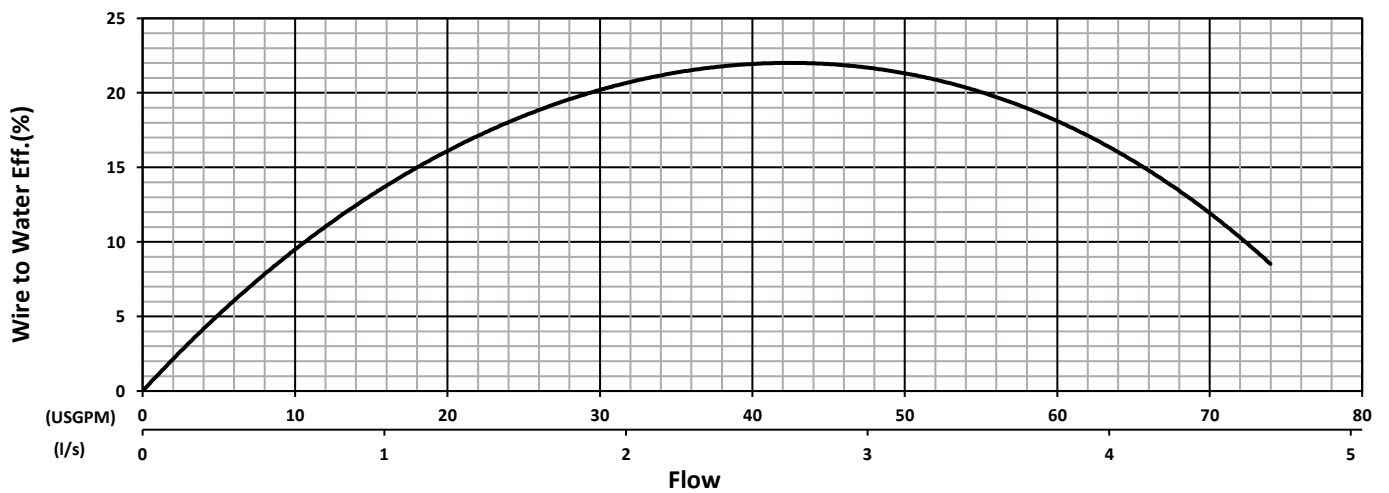
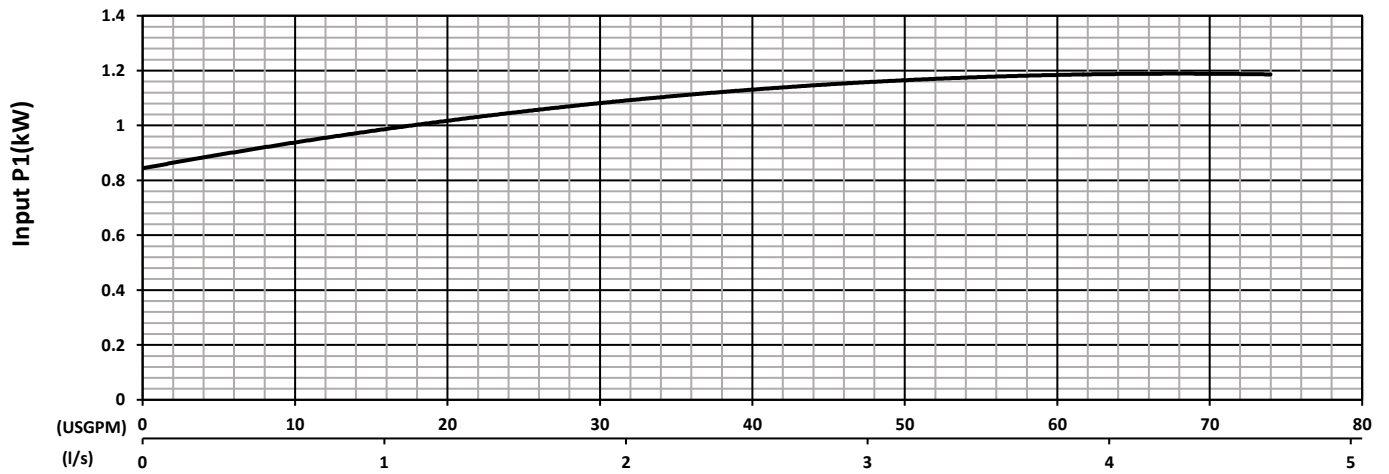
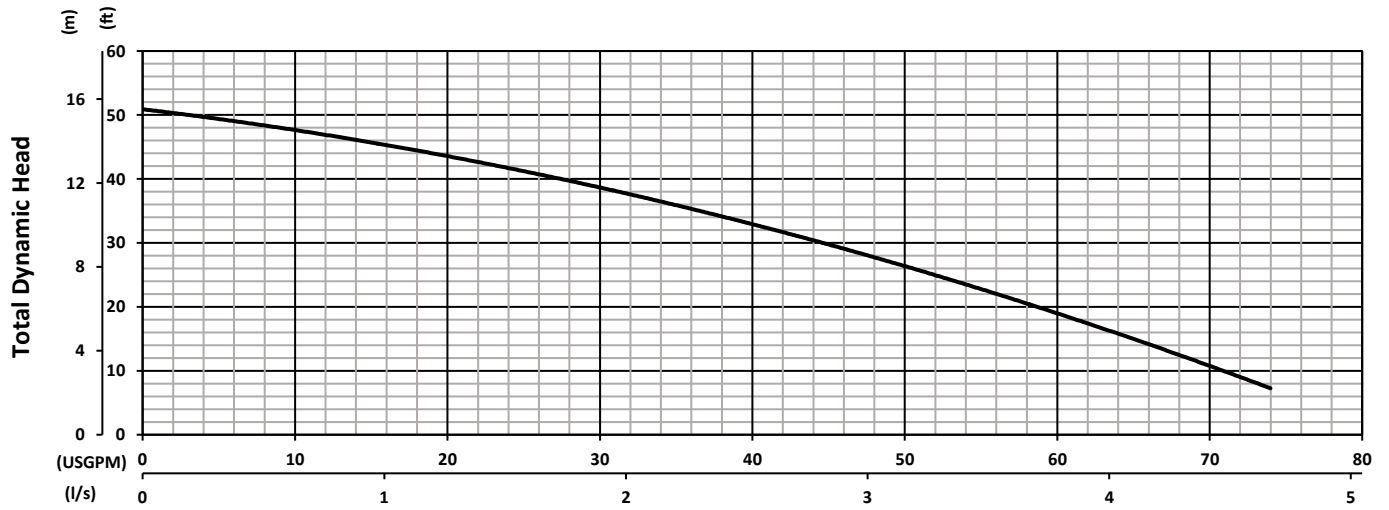
DS-C07-016

Rev:

1

Date:

7/23/2025



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

**08SSF - Dual Units**

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	110mm

Specifications subject to change without notice