



**BJM SUBMERSIBLE PUMP - 316 SS  
For High Temperature Service  
GENERAL DATA**

MAX. FLOW:	168 GPM (636 L/min)
MAX. HEAD:	80' (24.3 m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	SUMP, HIGH TEMPERATURE
MINIMUM SUBMERSION DEPTH:	11.5" (292 mm)
SOLID SIZE:	3/8" (9.5 mm)
STRAINER OPENING	0.375" (9.5 mm) diameter
IMPELLER DIAMETER:	5.04" (128 mm)
DISCHARGE SIZE	3" NPT-MALE
PUMP WEIGHT, without cable:	87 lbs (39.6 kg)
SHIPPING WEIGHT:	102 lbs (46.3 kg)

**CONSTRUCTION / MATERIAL DATA**

MECHANICAL SEAL - UPPER	CARBON/CERAMIC - FKM
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE - FKM
MOTOR CASING	316 SS
PUMP VOLUTE	316 SS
IMPELLER- MULTI VANE	316 SS
STRAINER	316 SS
LIPSEAL & O-RINGS	FKM
ROTOR SHAFT	316 SS
EXTERNAL HARDWARE	316 SS
QTY. OIL IN SEAL CHAMBER	72 U.S. FL. OZ. (2129 C.C.), OIL-FILLED W/ SHELL FM 32, NSF APPROVED
QTY. OIL IN MOTOR STATOR	13.5 U.S. FL. OZ. (400 C.C.), SHELL FM 32, NSF APPROVED
BALL BEARING: PERM. LUBE. UPPER	6304
BALL BEARING: PERM. LUBE. LOWER	6305

**ELECTRICAL / MOTOR DATA**

MOTOR: TYPE, RATING HP	Submersible, Oil-Filled, Continuous Duty, 3			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	R, 428°F (220°C)			
MOTOR SERVICE FACTOR	1.1			
VOLTAGE - 3 PH, 60 Hz	208V	230V	460V	575V
CURRENT F.L.A.	9.45	9	4.5	3.2
LOCKED ROTOR CURRENT (LRA)	57	56	28	22
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING PHASE, 300°F (149°C)			
POWER CORD: GAGE; LENGTH	A.W.G. 10/4; 33' (10 m), HIGH TEMP. RATED CORD			
SENSOR CABLE: GAGE; LENGTH	A.W.G. 18/4; 33' (10 m), HIGH TEMP. RATED CABLE			
MAXIMUM LIQUID TEMPERATURE	200°F (93°C)			
SEAL LEAK DETECTOR <sup>1</sup>	Seal Minder®; MOISTURE SENSING PROBE			

1 - Requires a seal fail circuit in control panel for warning signal.

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INDUSTRIAL FLOW SOLUTIONS™

# PERFORMANCE CURVE

# BJM Pumps JX22SSF

Dwg:

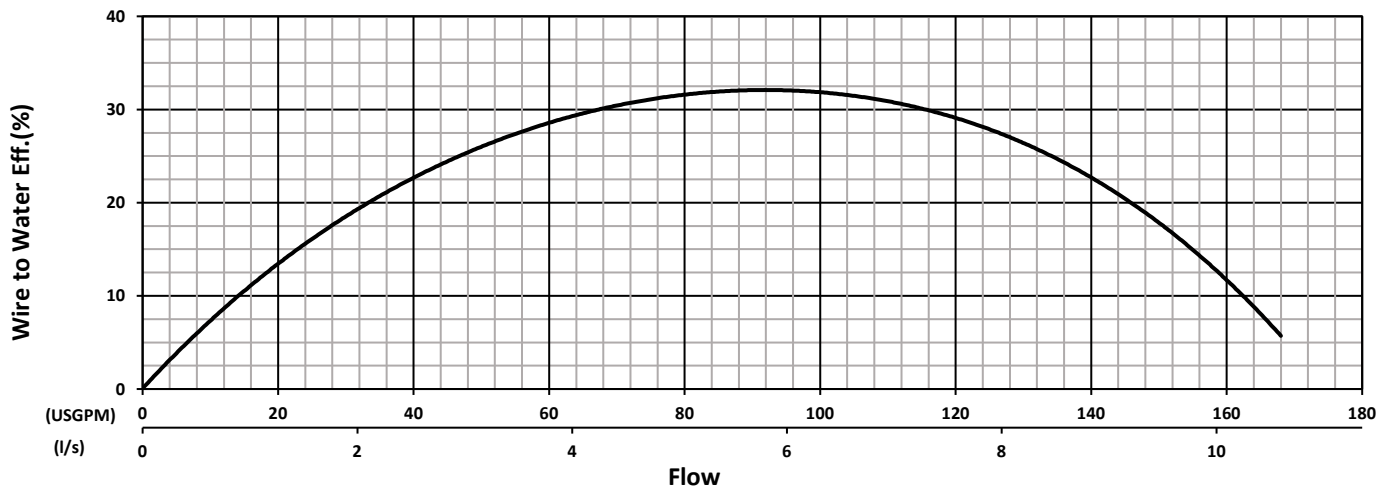
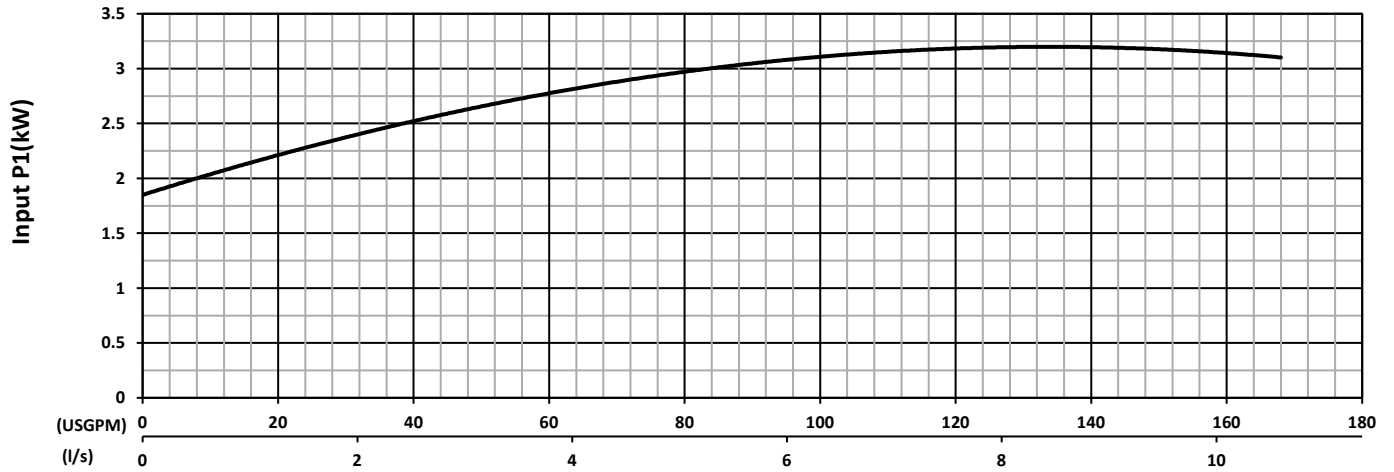
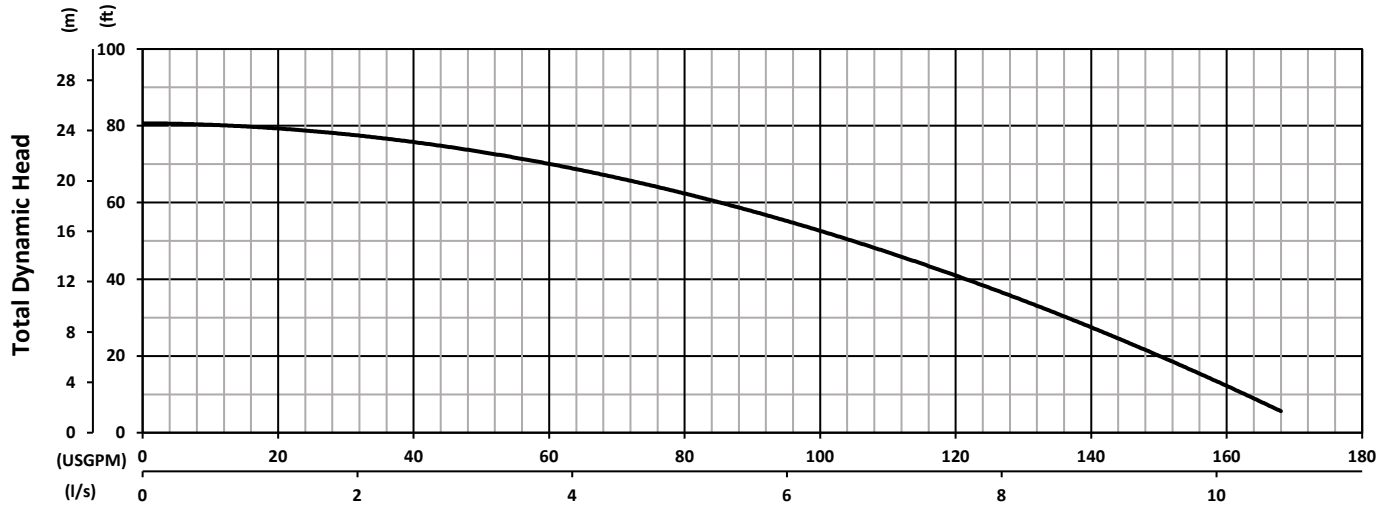
DS-C07-008

Rev:

1

Date:

8/31/2023



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

22SSF - Dual Units

Frequency 60 Hz  
Pump Speed 3450 RPM  
Impeller 128mm

Specifications subject to change without notice