



BJM HIGH TEMPERATURE SUBMERSIBLE PUMP - 316 SS

GENERAL DATA

MAX. FLOW: GPM (L/min)	692 GPM (2680 L/min)
MAX. HEAD: ft (m)	180' (54.8 m)
MAX. SUBMERSION DEPTH: ft (m)	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	SUMP, SIDE DISCHARGE
MINIMUM SUBMERSION DEPTH: in(mm)	10.8" (470 mm)
SOLID SIZE: in (mm)	1.0" (25 mm)
STRAINER OPENING	1.0" (25 mm) diameter
IMPELLER DIAMETER: in (mm)	7.13" (181 mm)
DISCHARGE SIZE	6" ANSI SLIP WELD FLANGE
SLIDE RAIL SYSTEM	4" (6" available)
PUMP WEIGHT, w/50' of Cable: lbs (kg)	426 lbs (194 kg)
SHIPPING WEIGHT: lbs (kg)	492 lbs (224 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
BALL BEARING: PERM. LUBE. UPPER	6306
BALL BEARING: PERM. LUBE. LOWER	6309/7309 TANDEM DESIGN

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, OIL-FILLED, 30 (CONTINUOUS DUTY)	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	R, 428°F (220°C)	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE ² - 3 PH, 60 Hz	460V	575V option
CURRENT F.L.A.	32.0	25.6
LOCKED ROTOR CURRENT (LRA)	165	128
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN MOTOR WINDINGS, 302°F (150°C)	
POWER CABLE: GAGE; LENGTH	A.W.G. 4/4; 50' (15.2 m), High Temp Rated Cord	
SENSOR CABLE	A.W.G. 18/4; 50' (15.2 m), High Temp Rated Cord	
MAXIMUM LIQUID TEMPERATURE	200°F (93°C)	
SEAL LEAK DETECTOR ¹	Seal Minder®; MOISTURE SENSING PROBE	

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

2- Available in other voltages (and in 50 Hz).

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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

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INDUSTRIAL FLOW SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps JX220SSF

Dwg:

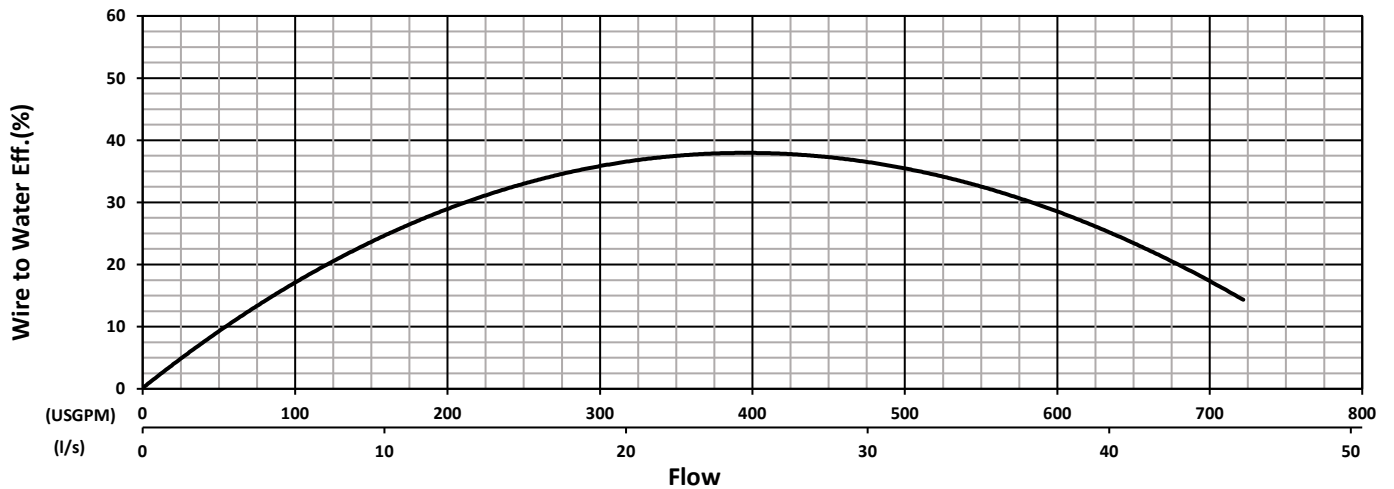
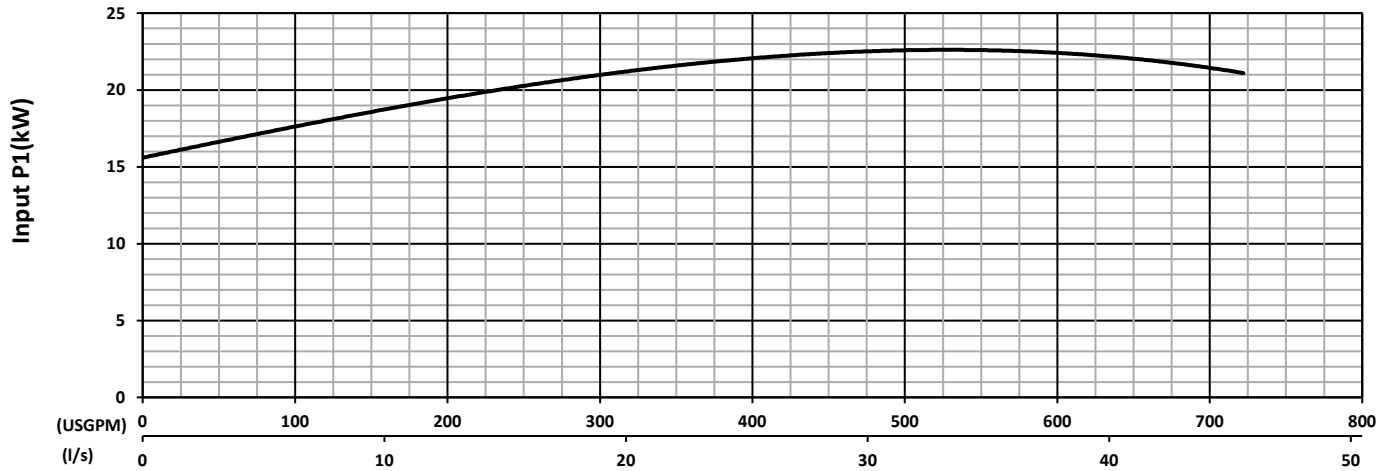
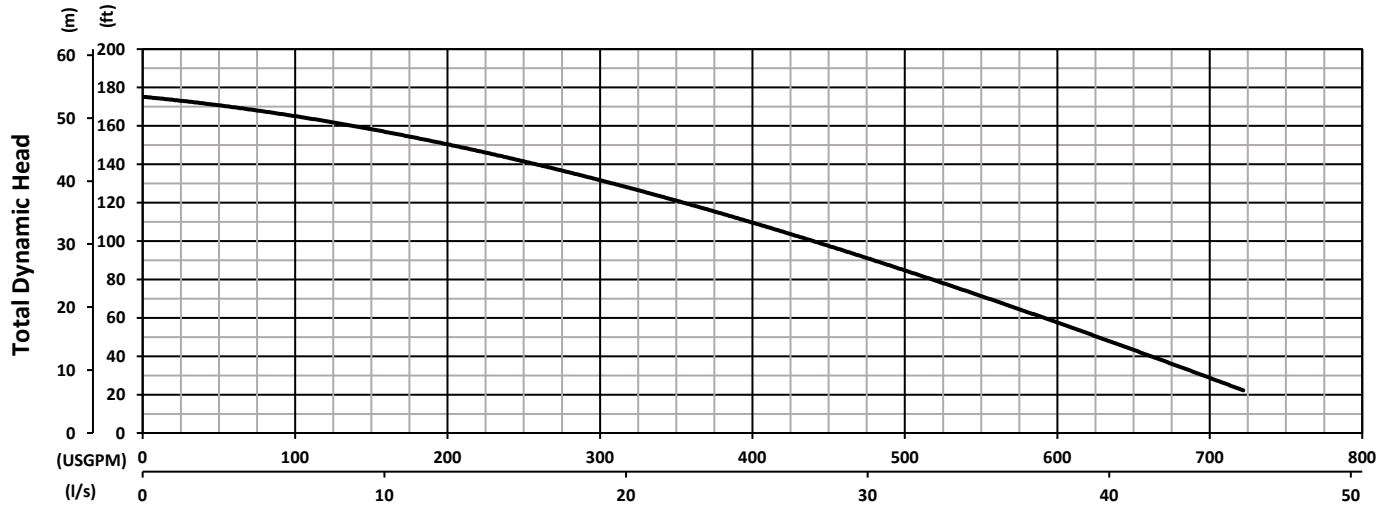
DS-C07-013

Rev:

1

Date:

1/24/2024



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

220SSF - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	181mm

Specifications subject to change without notice