



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

MAX. FLOW:	196 GPM (742 L/min)
MAX. HEAD:	100' (30.8 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:	12" (305 mm)
SOLID SIZE:	3/8" (9.5 mm)
STRAINER OPENING	0.375" (9.5 mm) diameter
IMPELLER DIAMETER:	5.3" (135 mm)
DISCHARGE SIZE	4" NPT FEMALE (3" NPT-MALE OPTIONAL)
PUMP WEIGHT, without cable:	97 lbs (44.1 kg)
SHIPPING WEIGHT:	112 lbs (51 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	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, 5			
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.	14.7	14	7	5.5
LOCKED ROTOR CURRENT (LRA)	86.5	85	43	38
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 ¹	Seal Minder®; MOISTURE SENSING PROBE			

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

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INDUSTRIAL
FLOW
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PERFORMANCE CURVE

BJM Pumps JX37SS-F

Dwg:

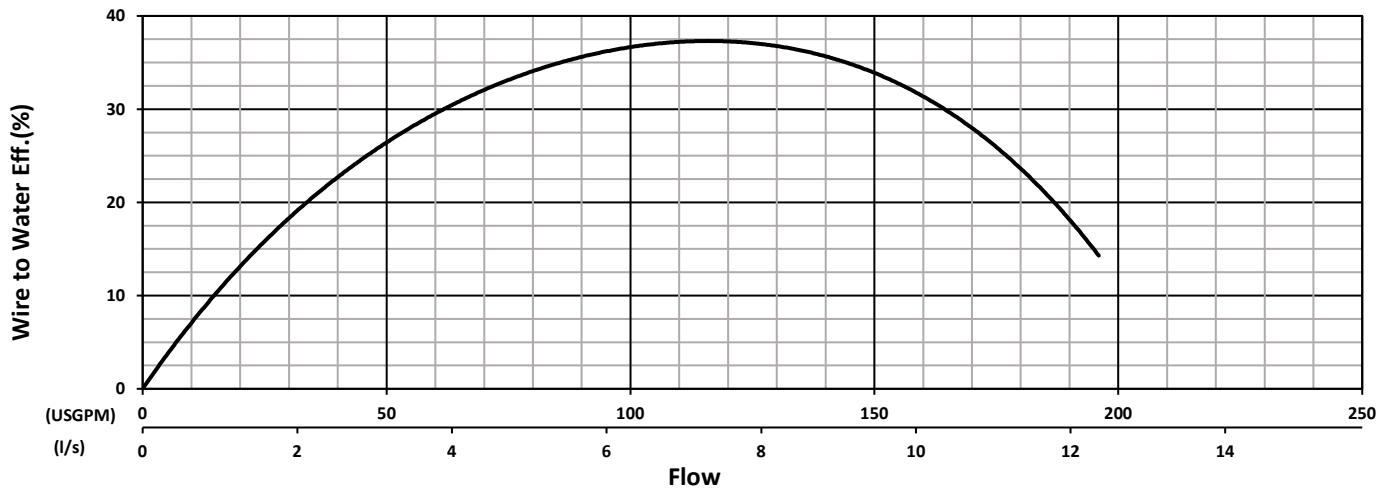
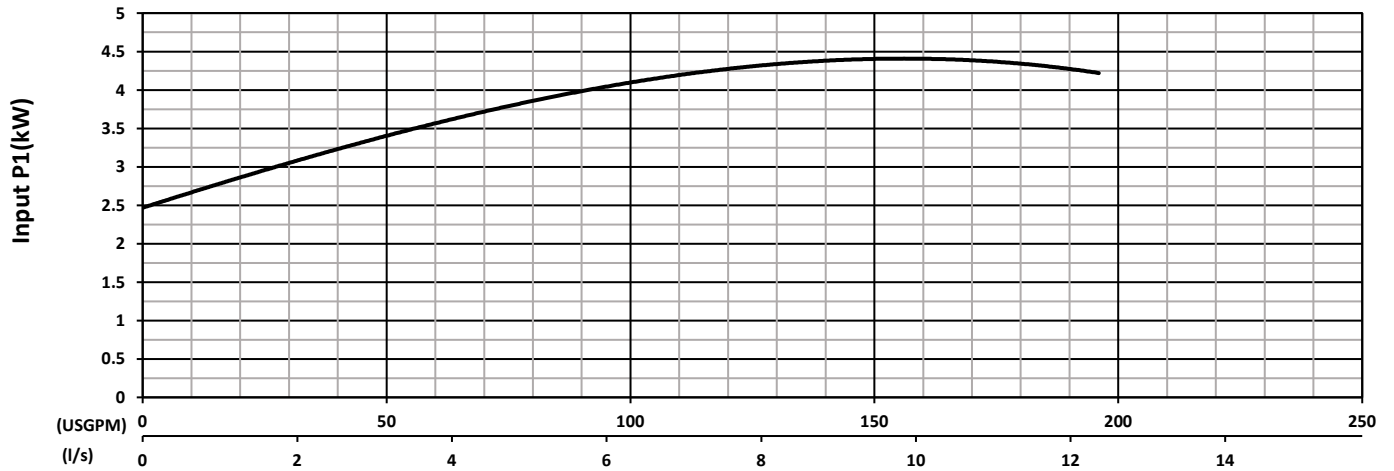
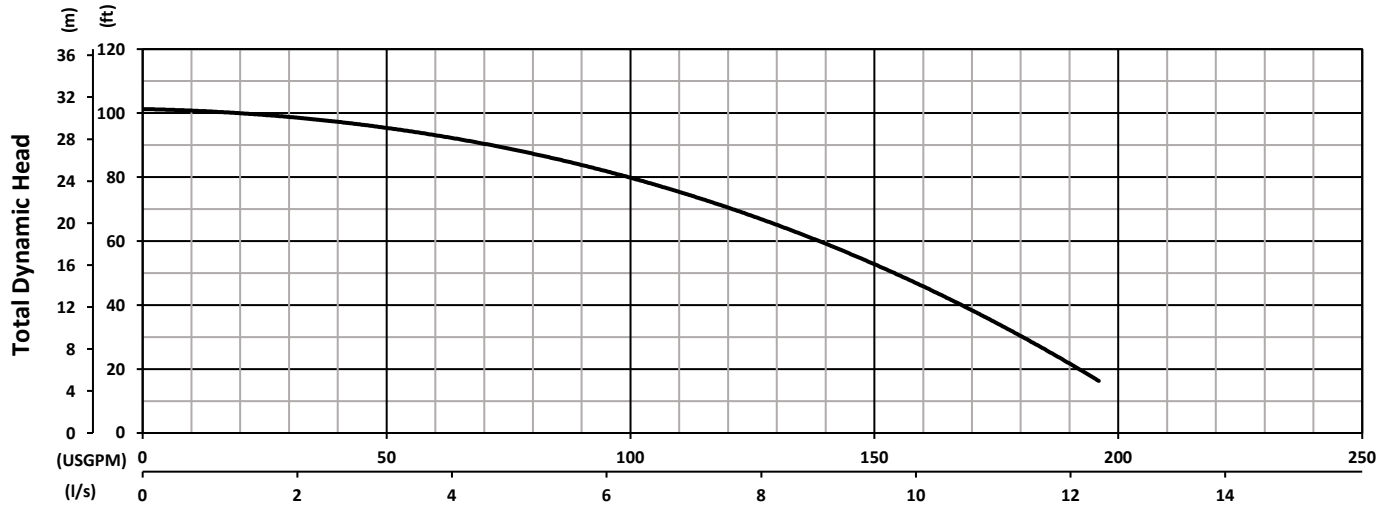
DS-C07-011

Rev:

1

Date:

10/30/2023



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

37SS-F - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	135mm

Specifications subject to change without notice