



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

MAX. FLOW: GPM (L/min)	66 GPM (249 L/min)
MAX. HEAD: ft (m)	35' (10.6 m)
MAX. SUBMERSION DEPTH: ft (m)	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	SUMP, HIGH TEMPERATURE
SOLID SIZE: in (mm)	1/8" (3.1 mm)
STRAINER OPENING	0.375"x0.1875" (9.5x4.7 mm) slot
IMPELLER DIAMETER: in (mm)	3.75" (95 mm)
DISCHARGE SIZE	2" NPT-MALE
PUMP WEIGHT, without cable: lbs (kg)	32 lbs (14.5 kg)
SHIPPING WEIGHT: lbs (kg)	45 lbs (20.5 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 MOTOR STATOR	OIL-FILLED W/ SHELL FM 32, NSF APPROVED
QTY. OIL IN SEAL CHAMBER	5.1 U.S. FL. OZ. (150 C.C.), SHELL FM 32, NSF APPROVED
BALL BEARING: OIL LUBRICATED UPPER	6201
BALL BEARING: OIL LUBRICATED LOWER	6301

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	Submersible, Oil-Filled , Continuous Duty, 0.5	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	R, 428°F (220°C)	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE - 1 PH, 60 Hz	115V	230V
CURRENT F.L.A.	8.5	5.5
LOCKED ROTOR CURRENT (LRA)	24	12
START COMPONENTS	CAPACITOR & START RELAY COMPONENTS ARE IN CONTROL PANEL	
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING, 300°F (149°C)	
POWER CORD ¹ : GAGE; LENGTH	A.W.G. 16/4; 50' (15.2 m), HIGH TEMP. RATED CORD	
SEAL MINDER & THERMAL SENSOR CORD ²	A.W.G. 18/4; 50' (15.2 m), HIGH TEMP. RATED CORD	
MAXIMUM LIQUID TEMPERATURE	200°F (93°C)	
SEAL LEAK DETECTOR	Seal Minder®; MOISTURE SENSING PROBE	

2- Seal minder & thermal sensor cable must be properly connected to a control panel to maintain warranty.

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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

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MODEL: JX400SS-F

