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5/1/2012
0814
Supersedes
0813



TECHNICAL DATA
MODEL J400
BJM SUBMERSIBLE PUMP - CAST IRON
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, SIDE DISCHARGE
MINIMUM SUBMERSION DEPTH: in(mm)	8.5" (216 mm)
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 (14.6 kg)
SHIPPING WEIGHT: lbs (kg)	38 lbs (17.3 kg)

CONSTRUCTION / MATERIAL DATA

MECHANICAL SEAL - UPPER	CARBON/CERAMIC
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE
MOTOR CASING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER- MULTI VANE	CAST IRON
STRAINER	304 SS
LIPSEAL & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN SEAL CHAMBER	5.1 U.S. FL. OZ. (150 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6201
BALL BEARING: PERM. LUBE. LOWER	6201

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 0.5 (CONTINUOUS DUTY ²)	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	F	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE ¹ - 1 PH, 60 Hz	115V	230V
CURRENT F.L.A.	7.6	3.8
LOCKED ROTOR CURRENT (LRA)	24	12
MOTOR PROTECTION	THERMAL BREAKER	
POWER CORD: GAGE; LENGTH	A.W.G. 16/3; 33' (10 m), STOW	
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)	

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

2- Continuous duty motor – see minimum submersion depth at General Data table above.

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REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



MODEL: J400

