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4/23/2010
0807
Supersedes
0806



TECHNICAL DATA
MODEL R1520
BJM SUBMERSIBLE PUMP-CAST IRON
GENERAL DATA

MAX. FLOW: GPM (L/min)	151 GPM (571 L/min)
MAX. HEAD: ft (m)	59' (17.9 m)
MAX. SUBMERSION DEPTH: ft (m)	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	TOP DISCHARGE, DEWATERING
SOLID SIZE: in (mm)	1/4" (6.3 mm)
STRAINER OPENING	0.25" (6.35 mm)
PUMP DOWN WATER LEVEL: in (mm)	2.5" (63 mm)
IMPELLER DIAMETER: in (mm)	4.68" (119 mm)
DISCHARGE SIZE	3" NPT-MALE
PUMP WEIGHT, without cable: lbs (kg)	69 lbs (31.4 kg)
SHIPPING WEIGHT: lbs (kg)	85 lbs (38.7 kg)

CONSTRUCTION/MATERIAL DATA

MECHANICAL SEAL - UPPER	CARBON/CERAMIC
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE
OUTER CASING	304 SS
MOTOR CASING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER- MULTI VANE	CAST IRON
STRAINER	304 SS
BOTTOM PLATE	CAST IRON
LIPSEAL & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN SEAL CHAMBER	3.7 U.S. FL. OZ. (110 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6203
BALL BEARING: PERM. LUBE. LOWER	6304

ELECTRICAL /MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 2 (CONTINUOUS DUTY)
MOTOR RPM	3450
MOTOR INSULATION CLASS	F
MOTOR SERVICE FACTOR	1.1
VOLTAGE ¹	230, 1 PH, 60 Hz
CURRENT F.L.A.	14
LOCKED ROTOR CURRENT (LRA)	65
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD
POWER CORD: GAGE; LENGTH	A.W.G. 14/3; 50' (15.2 m), STOW
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)

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

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



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