

BJM CORP.

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3/31/2003
0803
Supersedes
0802

TECHNICAL DATA MODEL R750 BJM SUBMERSIBLE PUMP-CAST IRON



GENERAL DATA

MAX. FLOW: GPM (L/min)	89 GPM (337 L/min)
MAX. HEAD: ft (m)	49.5' (15.1 m)
PUMP TYPE	TOP DISCHARGE, DEWATERING
STRAINER OPENING	0.25" (6.35 mm)
IMPELLER DIAMETER: in (mm)	4.33" (110 mm)
DISCHARGE SIZE	2" NPT-MALE
PUMP NET WEIGHT ¹ : lbs (kg)	62 lbs (28.2 kg)
SHIPPING WEIGHT: lbs (kg)	68 lbs (31 kg)

1- Does not include power cord.

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	2.7 U.S. FL. OZ. (80 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6203
BALL BEARING: PERM. LUBE. LOWER	6304

ELECTRICAL /MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 1
MOTOR RPM	3450
MOTOR INSULATION CLASS	F
MOTOR SERVICE FACTOR	1.1
VOLTAGE ²	115/230, 1 PH, 60 Hz
CURRENT F.L.A.	14/7
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD
POWER CORD ³ : GAGE; LENGTH	A.W.G. 14/3; 50' (15.2 m)
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)
MAXIMUM STATOR TEMPERATURE	230°F (110°C)

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

3- Available in different length.

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

MODEL: R750

