

BJM CORP.

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10/30/2002

0802

Supersedes

0801

TECHNICAL DATA MODEL R08 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) | 58 lbs (26.4 kg) |
| SHIPPING WEIGHT: lbs (kg) | 64 lbs (29.1 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 | 230/460, 3 PH, 60 Hz |
| CURRENT F.L.A. | 3/1.5 |
| MOTOR PROTECTION | THERMAL & AMP. OVERLOAD |
| POWER CORD ³ : GAGE; LENGTH | A.W.G. 16/4; 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: R08

