

# BJM CORP.

123 Spencer Plains Road,  
P.O. BOX 1138, Old Saybrook, CT 06475, USA  
(860) 399-5937 · (800) 442-2562 · Fax: (860) 399-7784  
Visit our web site: [www.bjmcorp.com](http://www.bjmcorp.com)

10/30/2002

0802

Supersedes

0801

## TECHNICAL DATA MODEL RX750SS BJM SUBMERSIBLE PUMP-316 SS

### 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 <sup>1</sup> : 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                    | 316 SS                          |
| MOTOR CASING                    | 316 SS                          |
| PUMP VOLUTE                     | 316 SS                          |
| IMPELLER- MULTI VANE            | 316 SS                          |
| STRAINER                        | 316 SS                          |
| BOTTOM PLATE                    | 316 SS                          |
| LIPSEAL & O-RINGS               | VITON                           |
| ROTOR SHAFT                     | 316 SS                          |
| EXTERNAL HARDWARE               | 316 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

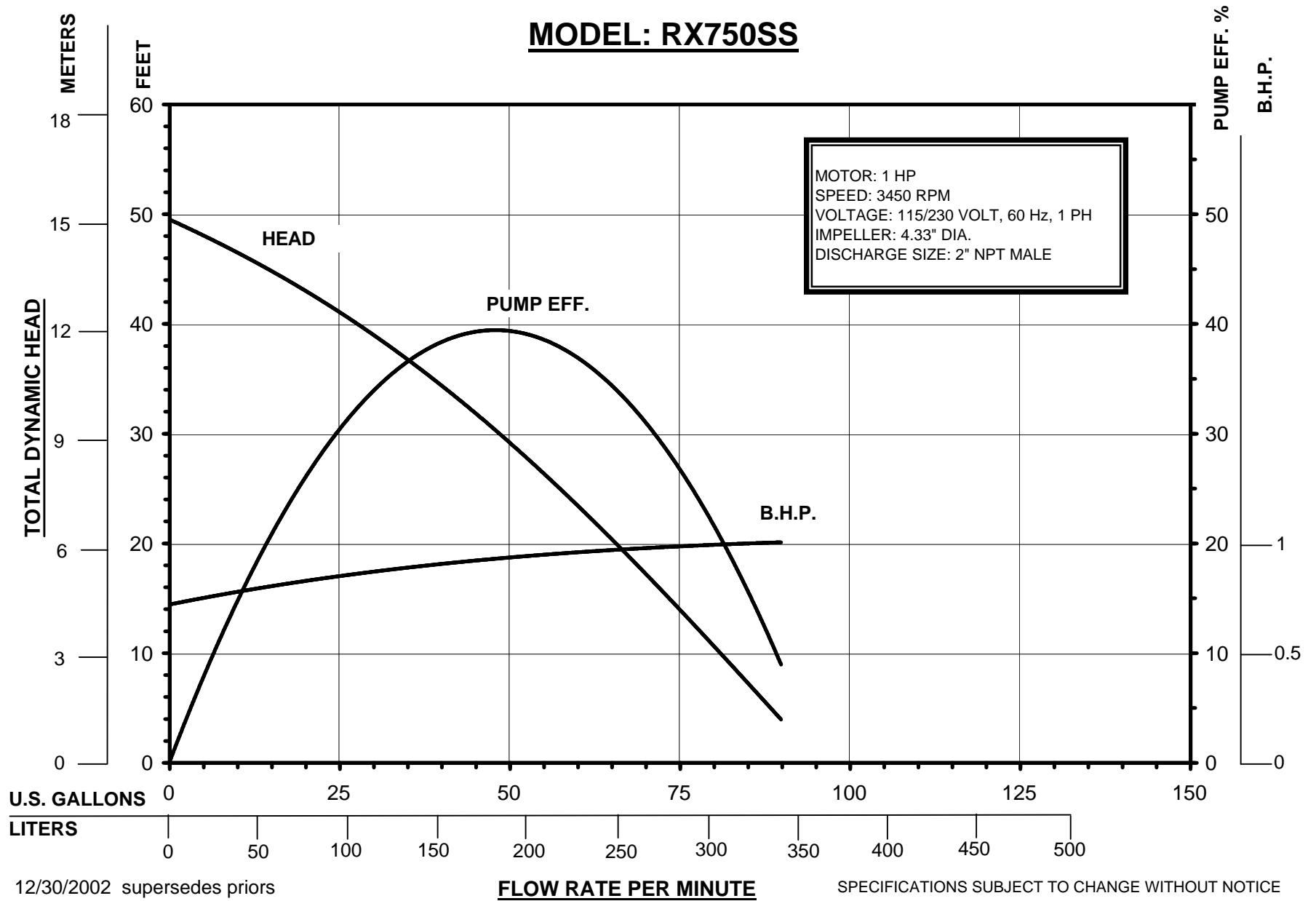
|  |                           |
|--|---------------------------|
| MOTOR: TYPE, RATING HP                 | SUBMERSIBLE, 1            |
| MOTOR RPM                              | 3450                      |
| MOTOR INSULATION CLASS                 | F                         |
| MOTOR SERVICE FACTOR                   | 1.1                       |
| VOLTAGE <sup>2</sup>                   | 115/230, 1 PH, 60 Hz      |
| CURRENT F.L.A.                         | 14/7                      |
| MOTOR PROTECTION                       | THERMAL & AMP. OVERLOAD   |
| POWER CORD <sup>3</sup> : 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: RX750SS



12/30/2002 supersedes priors

FLOW RATE PER MINUTE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE