

BJM CORP.

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10/30/2002

0802

Supersedes

0801

TECHNICAL DATA MODEL SK75C BJM SHREDDER PUMP-CAST IRON

GENERAL DATA

| | |
|---|------------------------|
| MAX. FLOW: GPM (L/min) | 700 GPM (2649.5 L/min) |
| MAX. HEAD: ft (m) | 73' (22.2 m) |
| SOLID SIZE: in (mm) | 3" (76.2 mm) |
| IMPELLER DIAMETER: in (mm) | 9.33" (237 mm) |
| DISCHARGE SIZE | 4" NPT-FEMALE |
| SLIDE RAIL DISCHARGE SIZE | 4", or 6" |
| PUMP NET WEIGHT ¹ : lbs (kg) | 336 lbs (152 kg) |
| SHIPPING WEIGHT: lbs (kg) | 395 lbs (179.5 kg) |

1- Does not include power cord.

CONSTRUCTION/MATERIAL DATA

| | |
|---------------------------------|---------------------------------|
| MECHANICAL SEAL - UPPER | CARBON/CERAMIC |
| MECHANICAL SEAL - LOWER | SILICON CARBIDE/SILICON CARBIDE |
| MOTOR HOUSING | 304 SS |
| PUMP VOLUTE | CAST IRON |
| IMPELLER | SINGLE VANE, CAST IRON |
| IMPELLER SHREDDER BLADE | TUNGSTEN CARBIDE |
| SUCTION COVER | CAST IRON, HARDENED |
| STAND | CAST IRON |
| LIPSEAL & O-RINGS | BUNA-N |
| ROTOR SHAFT | 304 SS |
| EXTERNAL HARDWARE | 304 SS |
| QTY. OIL IN SEAL CHAMBER | 91.3 U.S. FL. OZ. (2700 C.C.) |
| BALL BEARING: PERM. LUBE. UPPER | 6306 |
| BALL BEARING: PERM. LUBE. LOWER | 6309 |

ELECTRICAL /MOTOR DATA

| | |
|--|---|
| MOTOR: TYPE, RATING HP | SUBMERSIBLE, 10 |
| MOTOR RPM | 1750 |
| MOTOR INSULATION CLASS | H |
| MOTOR SERVICE FACTOR | 1.1 |
| VOLTAGE ² | 230/460, 3 PH, 60 Hz ; OPTION 208V/3PH/60Hz |
| CURRENT F.L.A. AT 230/460 V | 30/15 |
| MOTOR PROTECTION | THERMAL & AMP. OVERLOAD |
| POWER CORD ³ : GAGE; LENGTH | A.W.G. 10/4; 33' (10m) |
| MAXIMUM LIQUID TEMPERATURE | 104°F (40°C) |
| MAXIMUM STATOR TEMPERATURE | 230°F (110°C) |
| SEAL LEAK DETECTOR ⁴ | SEAL MINDER; MOISTURE SENSING PROBE |

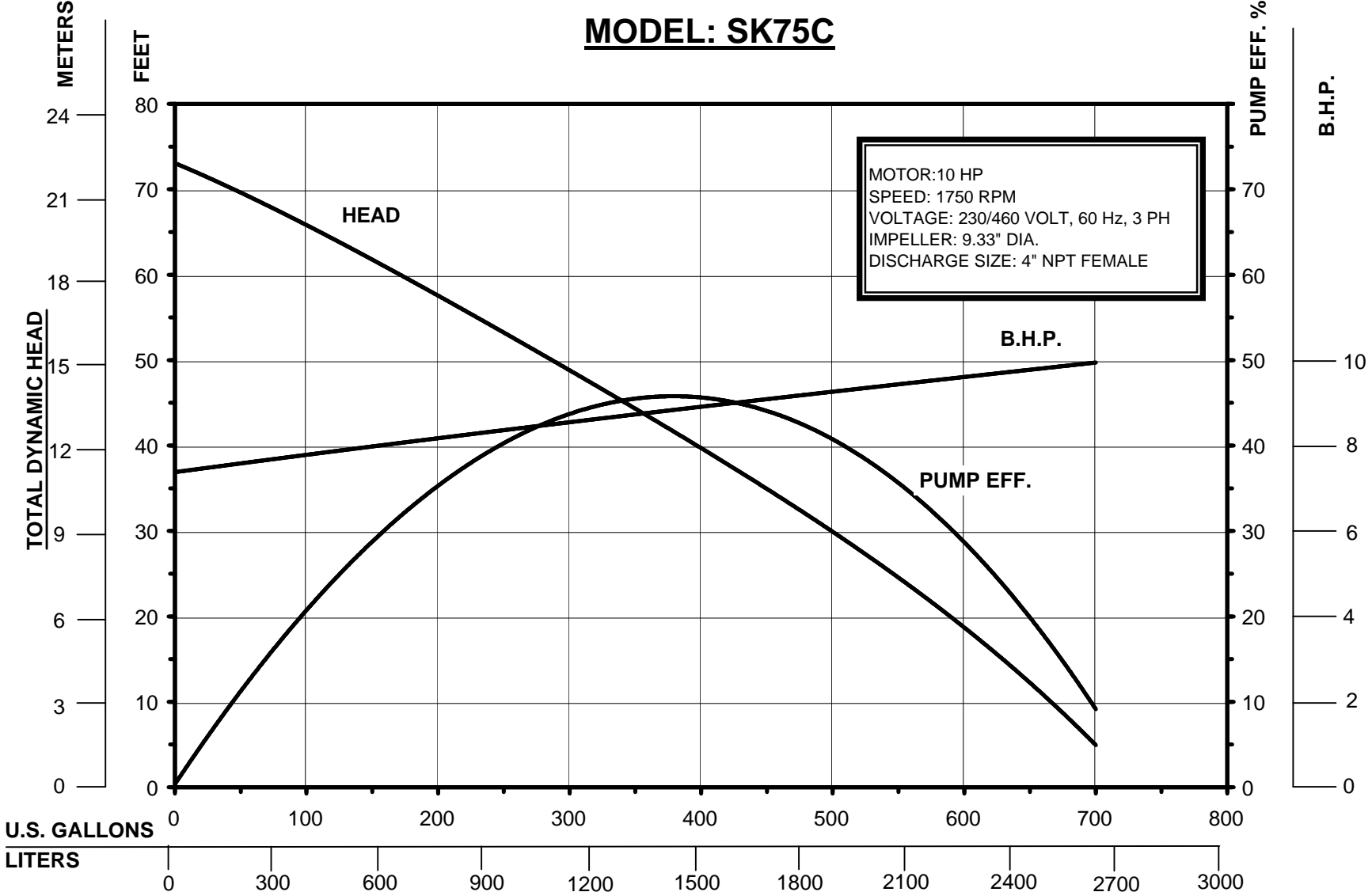
2- Available in other voltages (and in 50 Hz).

3- Available in 5 leads cable(3 phase power only) and different length.

4- Requires a circuit in control panel for warning signal.

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

MODEL: SK75C



MOTOR: 10 HP
SPEED: 1750 RPM
VOLTAGE: 230/460 VOLT, 60 Hz, 3 PH
IMPELLER: 9.33" DIA.
DISCHARGE SIZE: 4" NPT FEMALE

10/31/2002 supersedes priors

FLOW RATE PER MINUTE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE