

BJM CORP.

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10/30/2002

0802

Supersedes

0801

TECHNICAL DATA MODEL J75CH BJM SUBMERSIBLE PUMP-CAST IRON

GENERAL DATA

MAX. FLOW: GPM (L/min)	409 GPM (1548 L/min)
MAX. HEAD: ft (m)	141' (42.9 m)
PUMP TYPE	DEWATERING
STRAINER OPENING	0.375" (9.5 mm) diameter
IMPELLER DIAMETER: in (mm)	6.5" (165 mm)
DISCHARGE SIZE	4" NPT FEMALE
PUMP NET WEIGHT ¹ : lbs (kg)	229 lbs (104 kg)
SHIPPING WEIGHT: lbs (kg)	265 lbs (120.5 kg)

1- Does not include power cord.

CONSTRUCTION/MATERIAL DATA

MECHANICAL SEAL - UPPER	CARBON/CERAMIC
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE
MOTOR CASING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER- MULTI VANE	CAST IRON
STRAINER	STEEL
LIPSEAL & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN SEAL CHAMBER	27 U.S. FL. OZ. (800 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6305
BALL BEARING: PERM. LUBE. LOWER	6307 (x2)

ELECTRICAL /MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 10
MOTOR RPM	3450
MOTOR INSULATION CLASS	F
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' (10 m)
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)
MAXIMUM STATOR TEMPERATURE	230°F (110°C)
SEAL LEAK DETECTOR ⁴ (OPTIONAL)	SEAL MINDER; MOISTURE SENSING PROBE

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

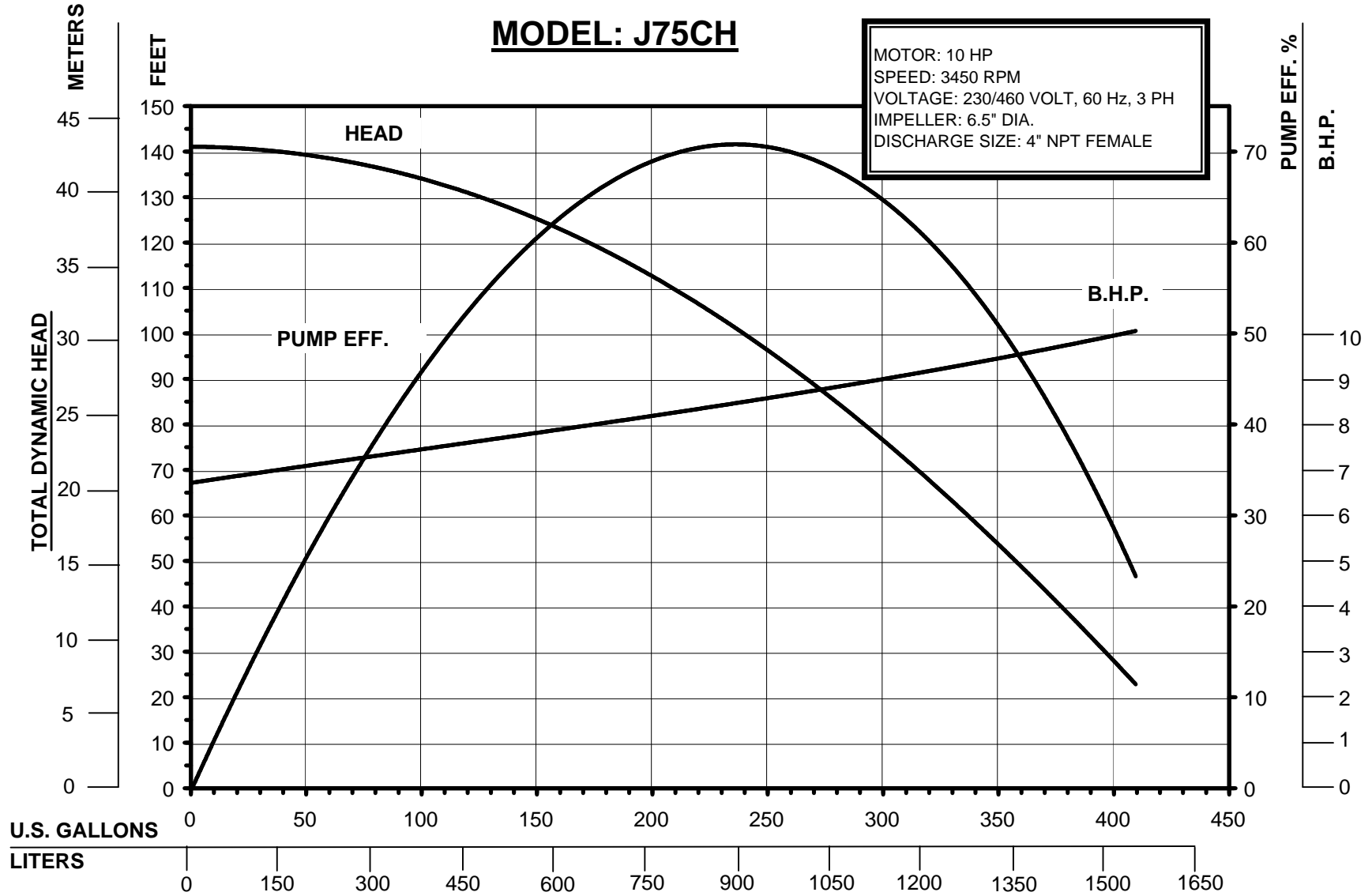
3- Available in 5 leads cable(3 phase power only) and different length.

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: J75CH

MOTOR: 10 HP
SPEED: 3450 RPM
VOLTAGE: 230/460 VOLT, 60 Hz, 3 PH
IMPELLER: 6.5" DIA.
DISCHARGE SIZE: 4" NPT FEMALE



12/30/2002 supersedes priors

FLOW RATE PER MINUTE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE