

TECHNICAL DATA
MODEL SK1500C
BJM SHREDDER PUMP - CAST IRON, 2 VANE IMPELLER
GENERAL DATA



MAX. FLOW: GPM (L/min)	220 GPM (845 L/min)
MAX. HEAD: ft (m)	40.8' @ 40 GPM (12.4 m @ 154 L/min)
MAX. SUBMERSION DEPTH: ft (m)	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	NON CLOG SHREDDER
MINIMUM SUBMERSION DEPTH: in(mm)	14" (356 mm)
SOLID SIZE: in (mm)	1.6" (40.6 mm)
IMPELLER DIAMETER: in (mm)	4.25" (108 mm)
DISCHARGE SIZE	3" NPT-MALE
SLIDE RAIL DISCHARGE SIZE	3"
PUMP WEIGHT, without cable: lbs (kg)	90 lbs (41 kg)
SHIPPING WEIGHT: lbs (kg)	100 lbs (45.5 kg)

CONSTRUCTION / MATERIAL DATA

MECHANICAL SEAL - UPPER	CARBON/ SILICON CARBIDE - FKM
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE - FKM
MOTOR HOUSING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER	TWO VANE, HEAT TREATED DUCTILE IRON
IMPELLER SHREDDER BLADE	TUNGSTEN CARBIDE
STAND	CAST IRON
SUCTION COVER	HEAT TREATED DUCTILE IRON
LIPSEAL & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN SEAL CHAMBER	7.8 U.S. FL. OZ. (230 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6203
BALL BEARING: PERM. LUBE. LOWER	6304

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 2 (CONTINUOUS DUTY)
MOTOR RPM	3450
MOTOR INSULATION CLASS	F
MOTOR SERVICE FACTOR	1.15
VOLTAGE ¹	230, 1 PH, 60 Hz
CURRENT F.L.A.	14
LOCKED ROTOR CURRENT (LRA)	65
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD
POWER CORD: GAGE; LENGTH	A.W.G. 14/3; 33' (10m), STOW
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)
SEAL LEAK DETECTOR ²	Seal Minder®; MOISTURE SENSING PROBE

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

2- Requires a seal fail circuit in control panel for warning signal.

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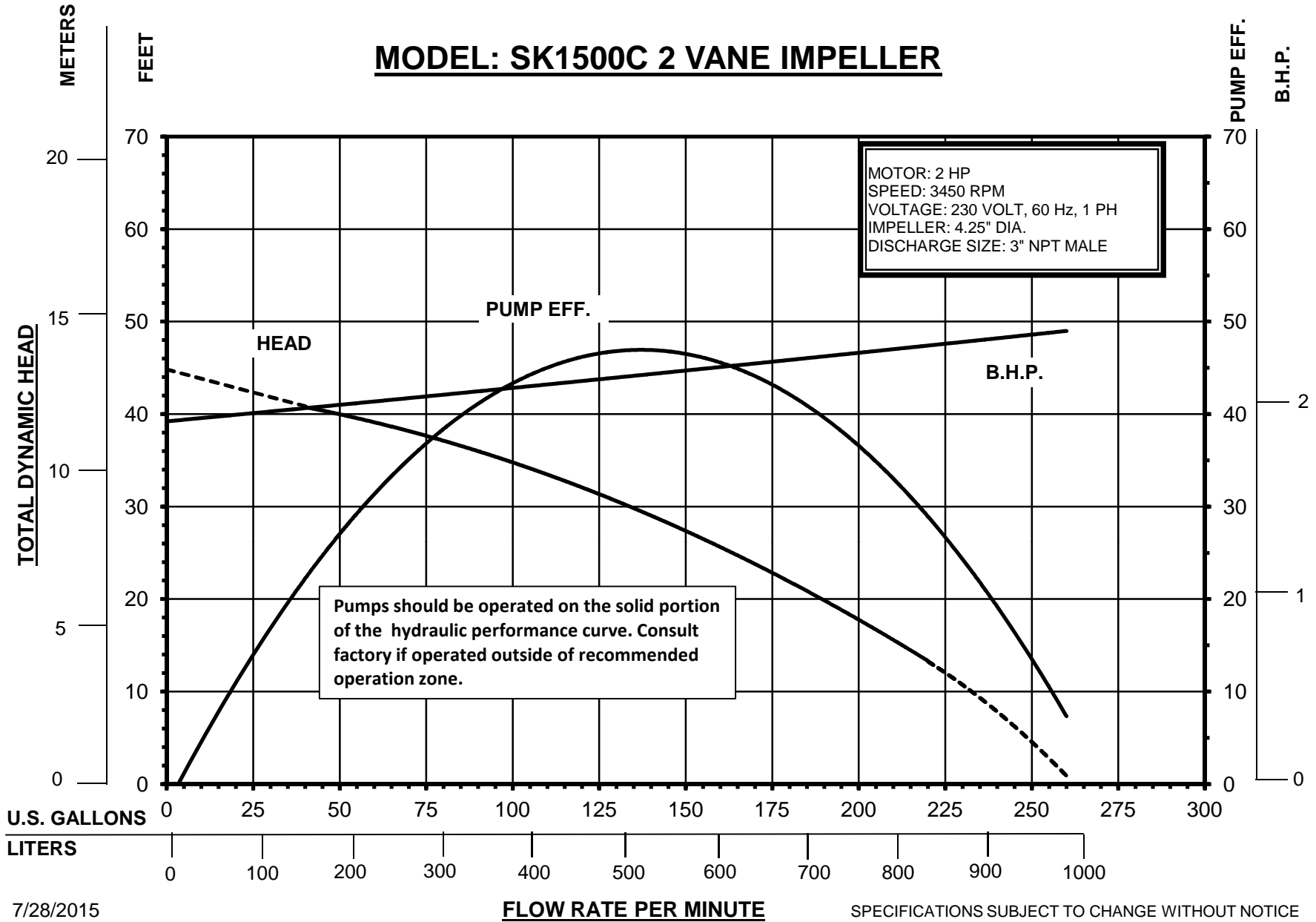
(860)399-5937 - (877) BJM-PUMP - Fax: (860)399-7784

REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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MODEL: SK1500C 2 VANE IMPELLER



7/28/2015

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