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TECHNICAL DATA
MODEL SK37C
BJM Pumps® SHREDDER PUMP - CAST IRON, 2 VANE IMPELLER
GENERAL DATA

MAX. FLOW: GPM (L/min)	360 GPM (1382 L/min)
MAX. HEAD: ft (m)	62' @ 80 GPM (18.9 m @ 307 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)	15" (381 mm)
SOLID SIZE: in (mm)	1.6" (40.6 mm)
IMPELLER DIAMETER: in (mm)	4.88" (124 mm)
DISCHARGE SIZE	3" FLANGE W/ 4" NPT-FEMALE DISCHARGE
SLIDE RAIL DISCHARGE SIZE	3"
PUMP WEIGHT, without cable: lbs (kg)	114 lbs (51.8 kg)
SHIPPING WEIGHT: lbs (kg)	130 lbs (59 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	11.8 U.S. FL. OZ. (350 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6304
BALL BEARING: PERM. LUBE. LOWER	6305

ELECTRICAL /MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 5 (CONTINUOUS DUTY)			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	F			
MOTOR SERVICE FACTOR	1.15			
VOLTAGE ¹ - 3 PH, 60 Hz	208V option	230V	460V	575V option
CURRENT F.L.A.	14.7	14	7	5.5
LOCKED ROTOR CURRENT (LRA)	86.5	85	43	38
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD			
POWER CORD: GAGE; LENGTH	A.W.G. 12/4; 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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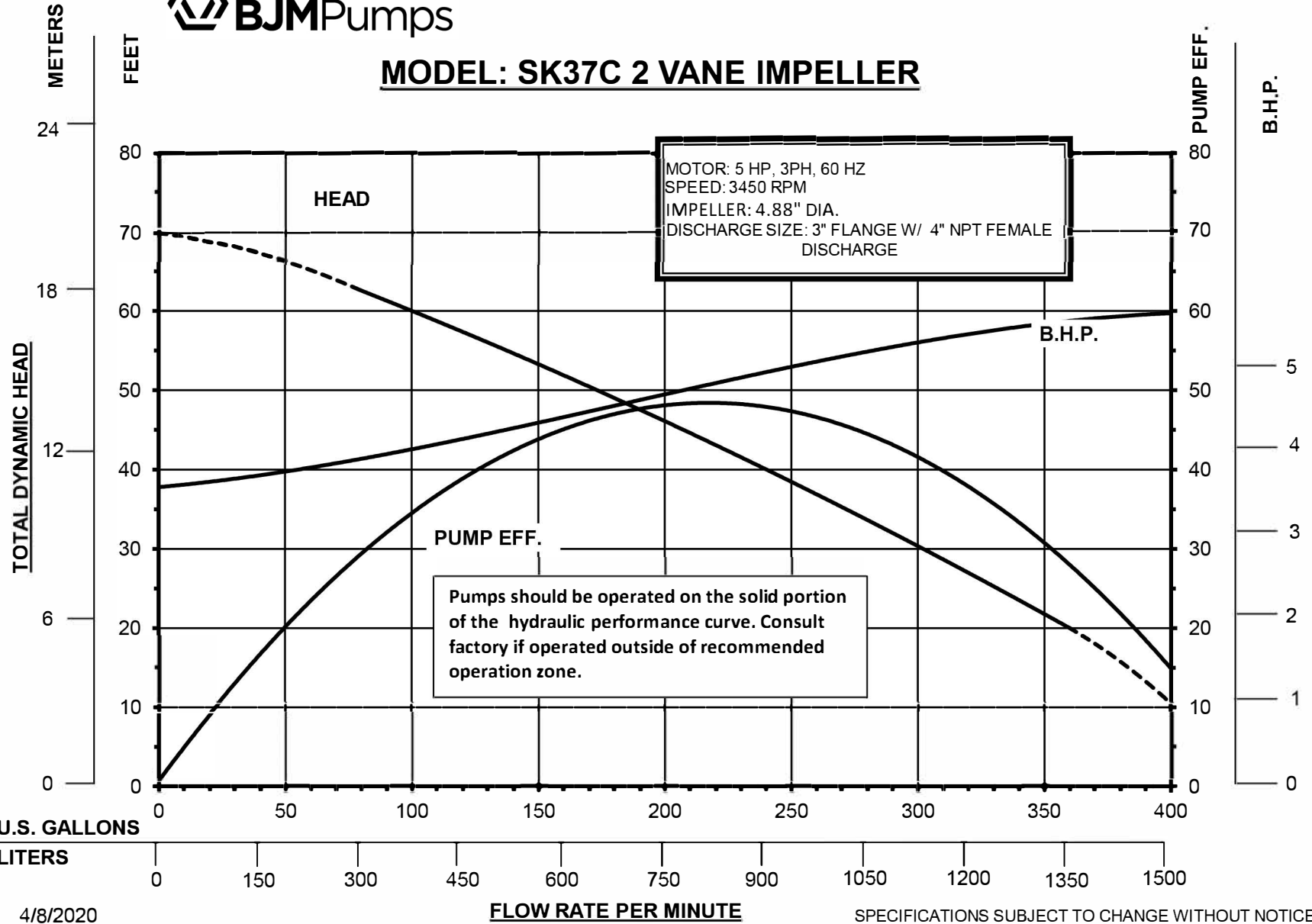
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REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
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MODEL: SK37C 2 VANE IMPELLER



4/8/2020

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