

TECHNICAL DATA
MODEL SK55C
BJM Pumps® SHREDDER PUMP - CAST IRON, 2 VANE IMPELLER
GENERAL DATA

MAX. FLOW: GPM (L/min)	570 GPM (2157.5 L/min)
MAX. HEAD: ft (m)	54' (16.4 m)
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)	21" (534 mm)
SOLID SIZE: in (mm)	3.5" (89 mm)
IMPELLER DIAMETER: in (mm)	7.25" (184 mm)
DISCHARGE SIZE	4" NPT-FEMALE
SLIDE RAIL DISCHARGE SIZE	4"
PUMP WEIGHT, without cable: lbs (kg)	303 lbs (137.7 kg)
SHIPPING WEIGHT: lbs (kg)	380 lbs (172.7 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
SUCTION COVER	HEAT TREATED DUCTILE IRON
STAND	CAST IRON
LIPSEAL & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN SEAL CHAMBER	84.5 U.S. FL. OZ. (2500 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6306
BALL BEARING: PERM. LUBE. LOWER	6309

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 7.5 (CONTINUOUS DUTY)		
MOTOR RPM	1750		
MOTOR INSULATION CLASS	H		
MOTOR SERVICE FACTOR	1.1		
VOLTAGE ¹ - 3 PH, 60 Hz	230V	460V	575V option
CURRENT F.L.A.	21	10.5	7.8
LOCKED ROTOR CURRENT (LRA)	130	65	48
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD		
POWER CORD: GAGE; LENGTH	A.W.G. 10/4; 33' (10m), SOOW		
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).

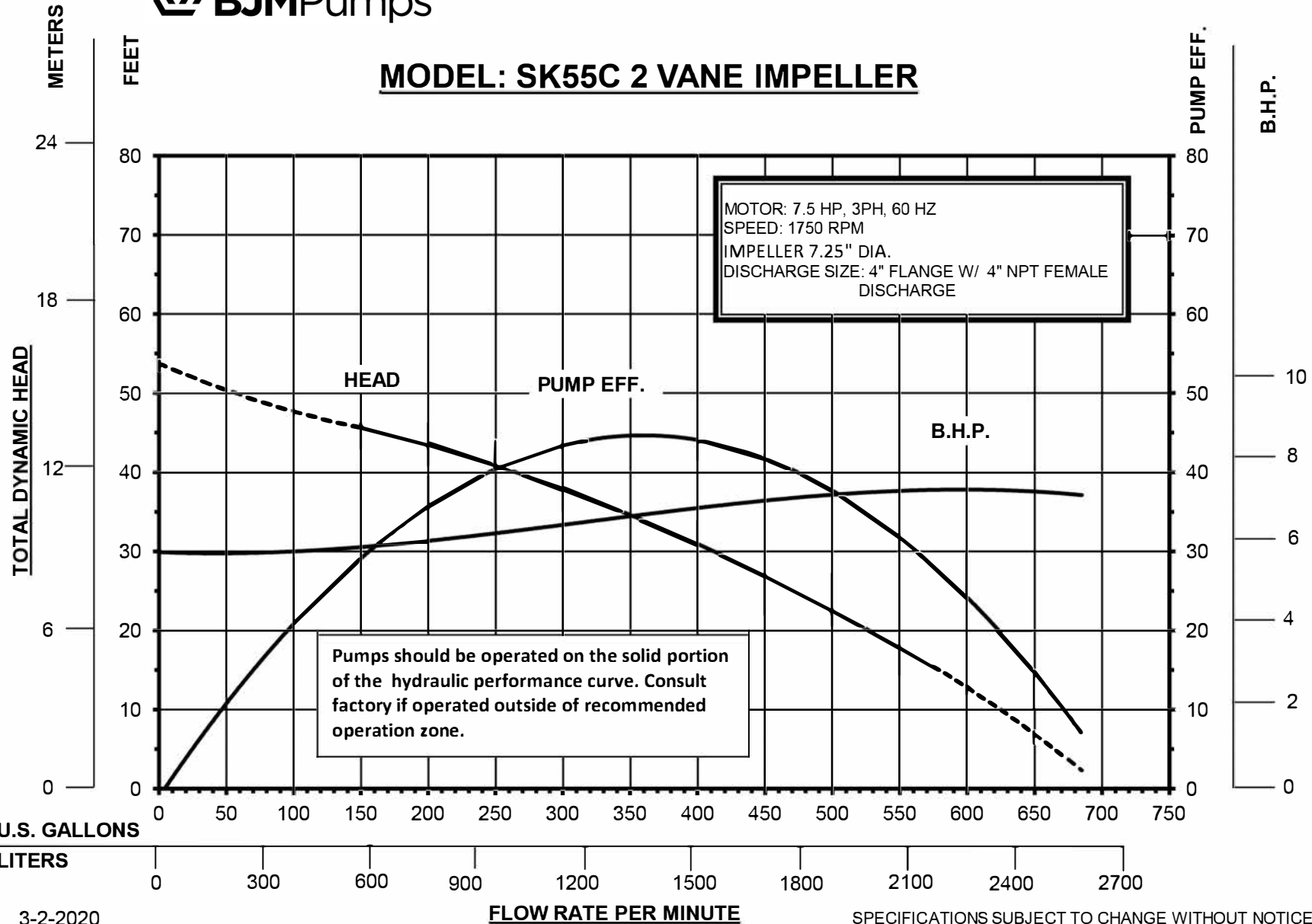
2- Requires a seal fail circuit in control panel for warning signal.

©2020 Industrial Flow Solutions Operating, LLC. All rights reserved.

104 John W Murphy Drive
 New Haven, CT. 06113, USA

Tel: (860)399-5937 - Fax: (860)399-7784

MODEL: SK55C 2 VANE IMPELLER



3-2-2020

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE