

TECHNICAL DATA
MODEL SKX55CSS-F
BJM Pumps® SHREDDER PUMP-316 SS, 2 VANE IMPELLER
For High Temperature Service
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
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)	321 lbs (146 kg)
SHIPPING WEIGHT: lbs (kg)	398 lbs (181 kg)

CONSTRUCTION/MATERIAL DATA

MECHANICAL SEAL - UPPER	CARBON/ SILICON CARBIDE - FKM
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE - FKM
MOTOR HOUSING	316 SS
PUMP VOLUTE	316 SS
IMPELLER	TWO VANE, 316 SS
IMPELLER SHREDDER BLADE	TUNGSTEN CARBIDE
SUCTION COVER	316 SS
STAND	316 SS
LIPSEAL & O-RINGS	FKM
ROTOR SHAFT	316 SS
EXTERNAL HARDWARE	316 SS
QTY. OIL IN MOTOR STATOR	OIL-FILLED W/ ISO 32, NSF FOOD GRADE MINERAL OIL
QTY. OIL IN SEAL CHAMBER	84.5 US FL. OZ. (2500 C.C.), ISO 32, NSF FOOD GRADE MINERAL OIL
BALL BEARING: OIL LUBRICATED UPPER	6306
BALL BEARING: OIL LUBRICATED LOWER	6309

ELECTRICAL /MOTOR DATA

MOTOR: TYPE, RATING HP	Submersible, Oil-Filled , Continuous Duty, 7.5			
MOTOR RPM	1750			
MOTOR INSULATION CLASS	R, 428°F (220°C)			
MOTOR SERVICE FACTOR	1.1			
VOLTAGE - 3 PH, 60 Hz	208V option	230V	460V	575V option
CURRENT F.L.A.	23.1	21	10.5	7.8
LOCKED ROTOR CURRENT (LRA)	143	130	65	48
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING PHASE, 300°F (149°C)			
POWER CORD: GAGE; LENGTH	A.W.G. 10/4; 33' (10 m), HIGH TEMP. RATED CORD			
SENSOR CABLE ¹ : GAGE; LENGTH	A.W.G. 18/4; 33' (10 m), HIGH TEMP. RATED CABLE			
MAXIMUM LIQUID TEMPERATURE	200°F (93°C)			
SEAL LEAK DETECTOR	Seal Minder®; MOISTURE SENSING PROBE			

1- Seal minder & thermal sensor cable must be properly connected to a control panel to maintain warranty.

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

104 John W Murphy Drive
 New Haven, CT. 0613, USA

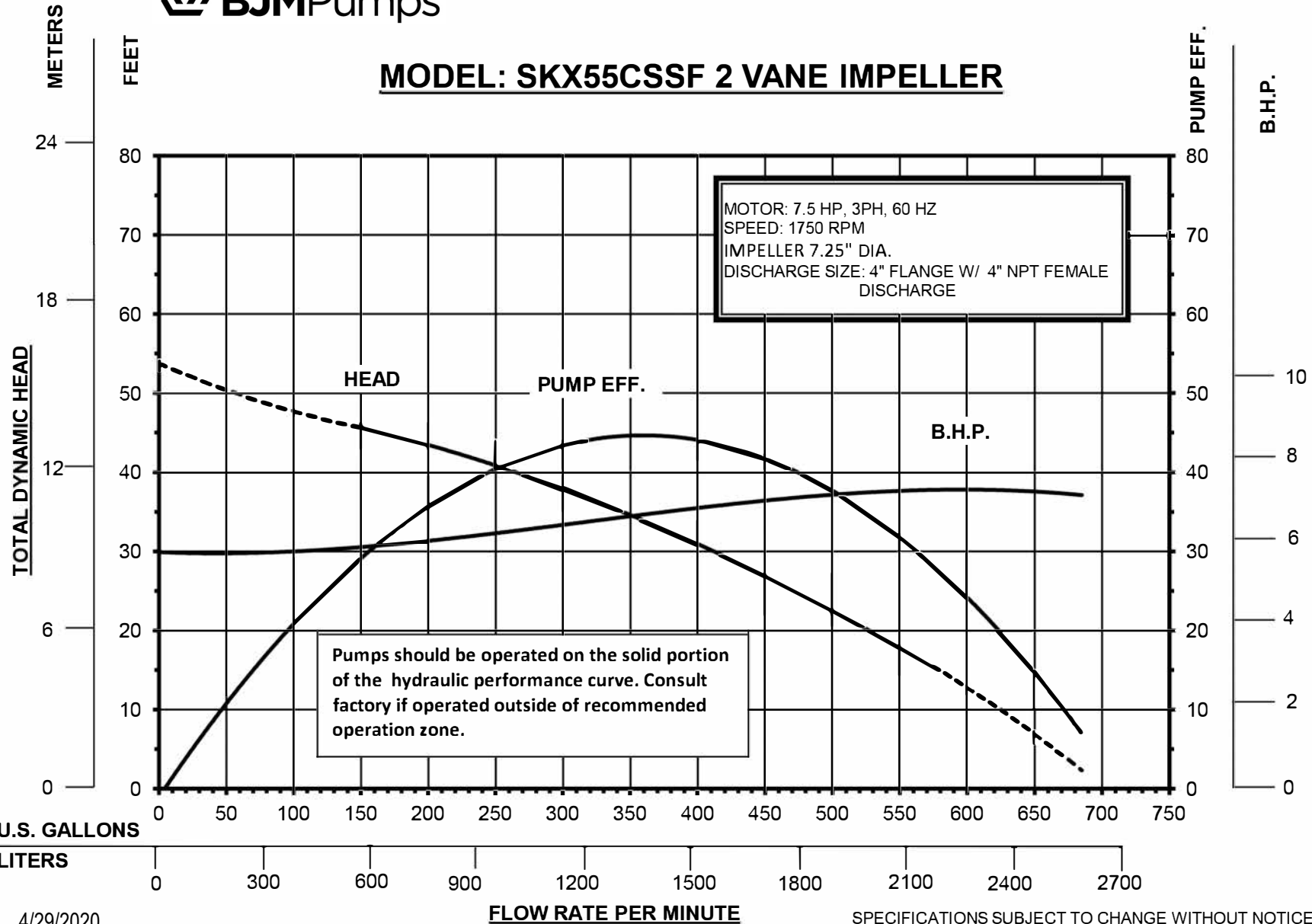
Tel: (860)399-5937 - Fax: (860)399-7784

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

Seal Minder® is a registered trademark of Industrial Flow Solutions Operating, LLC. All rights reserved.

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

MODEL: SKX55CSSF 2 VANE IMPELLER



4/29/2020

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE