

TECHNICAL DATA
MODEL SK150C-F
BJM Pumps® SHREDDER PUMP-CAST IRON
For High Temperature Service GENERAL
DATA

MAX. FLOW: GPM (L/min)	911 GPM (3448 L/min)
MAX. HEAD: ft (m)	101' (30.7 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)	10.87" (276 mm)
DISCHARGE SIZE	6" ANSI SLIP WELD FLANGE
SLIDE RAIL DISCHARGE SIZE	6"
PUMP WEIGHT, without cable: lbs (kg)	534 lbs (242.7 kg)
SHIPPING WEIGHT: lbs (kg)	630 lbs (286.4 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	FKM
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN MOTOR STATOR	160 U.S. FL. OZ. (4732 C.C.), OIL-FILLED W/ FM 32, NSF APPROVED
QTY. OIL IN SEAL CHAMBER	87.9 US FL. OZ. (2600 C.C.), FM 32, NSF APPROVED
BALL BEARING: OIL LUBRICATED UPPER	6306
BALL BEARING: OIL LUBRICATED LOWER	6309 x 2

ELECTRICAL /MOTOR DATA

MOTOR: TYPE, RATING HP	Submersible, Oil-Filled , Continuous Duty, 20	
MOTOR RPM	1750	
MOTOR INSULATION CLASS	R, 428°F (220°C)	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE - 3 PH, 60 Hz	460V	575V option
CURRENT F.L.A.	25.7	19.8
LOCKED ROTOR CURRENT (LRA)	148	128
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING PHASE, 300°F (149°C)	
POWER CORD: GAGE; LENGTH	A.W.G. 8/4; 33' (10m), HIGH TEMP. RATED CORD	
SENSOR CABLE: GAGE; LENGTH	A.W.G. 18/4; 33' (10 m), HIGH TEMP. RATED CABLE	
MAXIMUM LIQUID TEMPERATURE	200°F (93°C)	
SEAL LEAK DETECTOR ¹	Seal Minder®; MOISTURE SENSING PROBE	

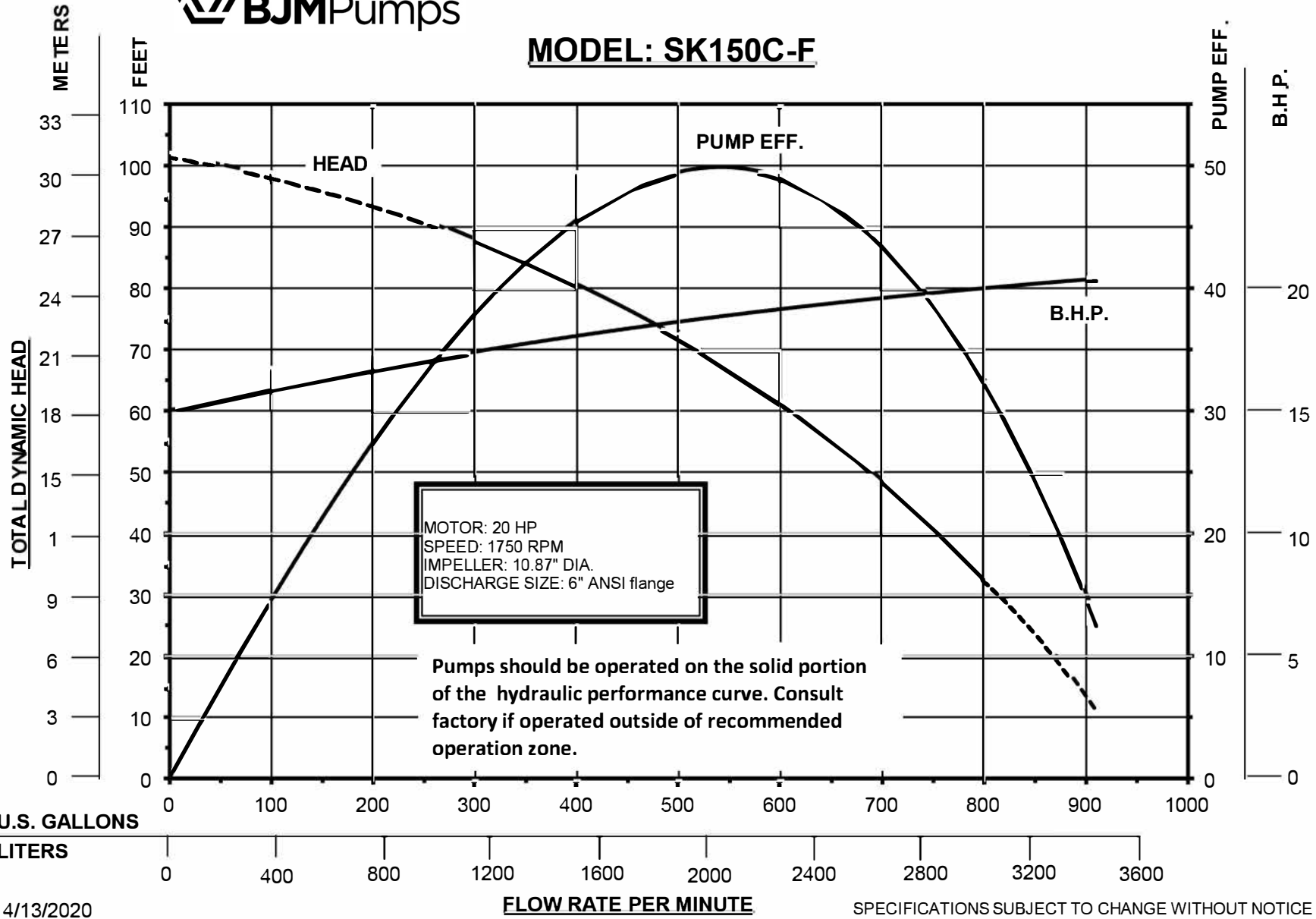
1- Requires a seal fail circuit in control panel for warning signal.

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

104 John W Murphy Drive
 New Haven, CT. 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.

MODEL: SK150C-F



MOTOR: 20 HP
 SPEED: 1750 RPM
 IMPELLER: 10.87" DIA.
 DISCHARGE SIZE: 6" ANSI flange

Pumps should be operated on the solid portion of the hydraulic performance curve. Consult factory if operated outside of recommended operation zone.