

TECHNICAL DATA
MODEL SKG37CF
BJM Pumps® 4 POLE SHREDDER PUMP - CAST IRON
For High Temperature Service
GENERAL DATA

MAX. FLOW: GPM (L/min)	410 GPM @ 15' (1551.9 L/min @ 4.6 m)
MAX. HEAD: ft (m)	42' @ 75 GPM (12.8 m @ 283.9 L/min)
MAX. SUBMERSION DEPTH: ft (m)	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	AXIAL & RADIAL SHREDDER
IMPELLER DIAMETER: in (mm)	7.13" (181.1 mm)
DISCHARGE SIZE	3" NPT-FEMALE
PUMP WEIGHT, without cable: lbs (kg)	185 lbs (84 kg)
SHIPPING WEIGHT: lbs (kg)	235 lbs (107 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	DOUBLE VANE, 12% CHROME IRON
CUTTER BAR	440C SS, HEAT TREATED 58-60 Rc
AXIAL CUTTER RING	440C SS, HEAT TREATED 58-60 Rc
RADIAL CUTTER RING	440C SS, HEAT TREATED 58-60 Rc
SUCTION COVER	12% CHROME IRON
STAND	CAST IRON
LIPSEAL & O-RINGS	FKM
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN MOTOR STATOR	OIL-FILLED W/ ISO 32, NSF FOOD GRADE MINERAL OIL
QTY. OIL IN SEAL CHAMBER	28.7 U.S. FL. OZ. (850 C.C.), ISO 32, NSF FOOD GRADE MINERAL OIL
BALL BEARING: OIL LUBRICATED UPPER	SINGLE ROW RADIAL, BALL BEARING
BALL BEARING: OIL LUBRICATED LOWER	SINGLE ROW RADIAL, BALL BEARING

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	Submersible, Oil-Filled , Continuous Duty, 5			
MOTOR RPM	1750			
MOTOR INSULATION CLASS	R, 428°F (220°C)			
MOTOR SERVICE FACTOR	1.15			
VOLTAGE - 3 PH, 60 Hz	208V option	230V	460V	575V option
CURRENT F.L.A.	14.7	14	7	5.5
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING PHASE, 300°F (149°C)			
POWER CABLE: GAGE; LENGTH	A.W.G. 12/4; 33' (10m), HIGH TEMP. RATED CABLE			
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			

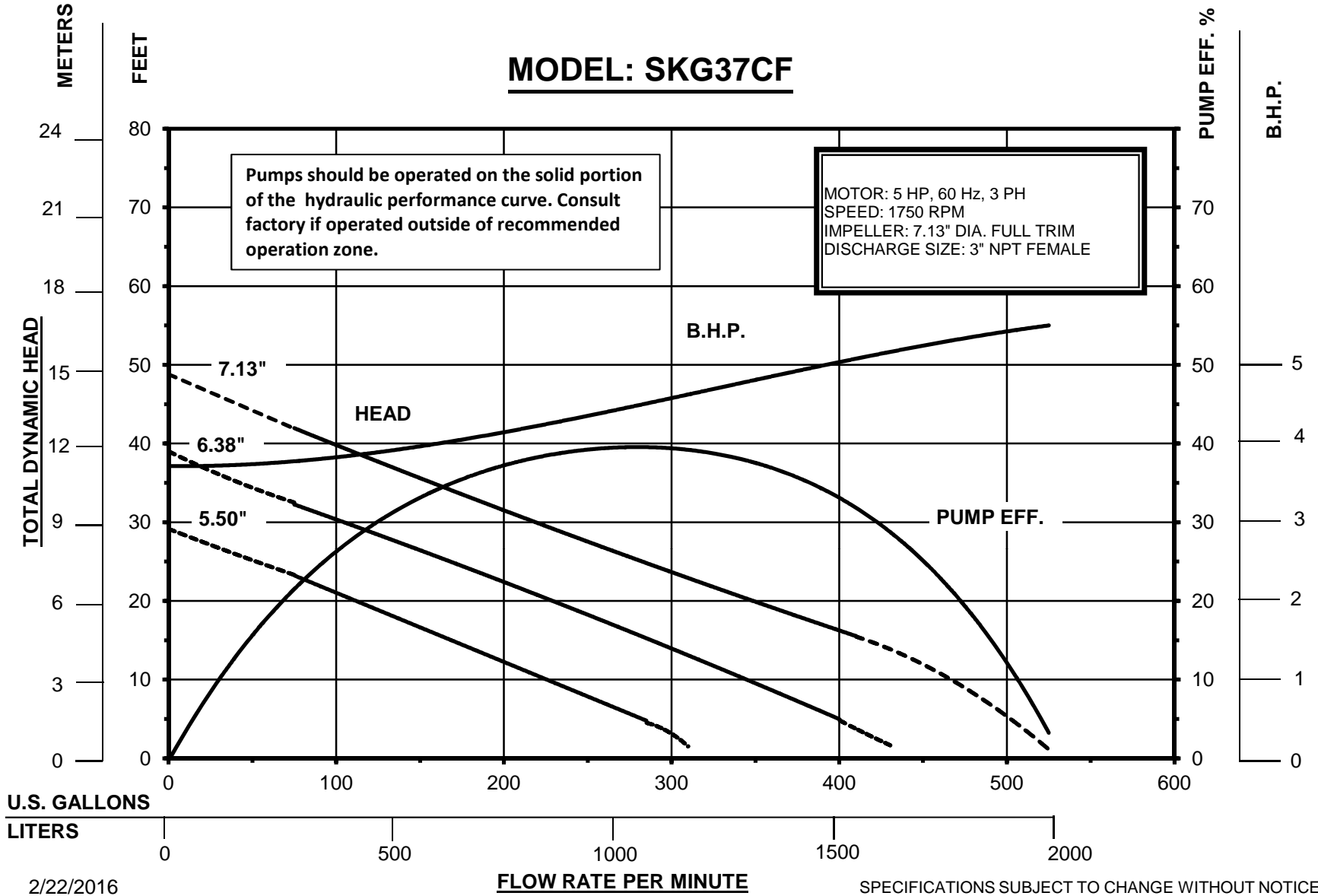
1- Seal minder & thermal sensor cable must be properly connected to a control panel to maintain warranty

©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.



2/22/2016

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE