

TECHNICAL DATA
MODEL SX75CSS
BJM Pumps® SUBMERSIBLE PUMP - 316 SS
GENERAL DATA

MAX. FLOW: GPM (L/min)	590 GPM (2233 L/min)
MAX. HEAD: ft (m)	99' (30.1 m)
MAX. SUBMERSION DEPTH: ft (m)	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	OPEN VANE NON CLOG
MINIMUM SUBMERSION DEPTH: in(mm)	20" (508 mm)
SOLID SIZE: in (mm)	2.5" (64 mm)
IMPELLER DIAMETER: in (mm)	6.19" (157 mm)
DISCHARGE SIZE	4" NPT-FEMALE
SLIDE RAIL DISCHARGE SIZE	4"
PUMP WEIGHT, without cable: lbs (kg)	227 lbs (103.2 kg)
SHIPPING WEIGHT: lbs (kg)	280 lbs (127.3 kg)

CONSTRUCTION / MATERIAL DATA

MECHANICAL SEAL - UPPER	CARBON/CERAMIC
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE
MOTOR HOUSING	316 SS
PUMP VOLUTE	316 SS
IMPELLER	TWO VANE, 316 SS
SUCTION COVER	316 SS
STAND	316 SS
LIPSEAL & O-RINGS	VITON
ROTOR SHAFT	316 SS
EXTERNAL HARDWARE	316 SS
QTY. OIL IN SEAL CHAMBER	35.5 U.S. FL. OZ. (1050 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6305
BALL BEARING: PERM. LUBE. LOWER	6307 (x2)

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 10 (CONTINUOUS DUTY ³)	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	H	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE ¹ - 3 PH, 60 Hz	460V	575V option
CURRENT F.L.A.	15	10.5
LOCKED ROTOR CURRENT (LRA)	108	65
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.

3 - NOTE: STAINLESS STEEL PUMPS **MAY NOT BE SUITABLE** FOR CONTINUOUS DUTY IN ALL APPLICATIONS. PLEASE CONSULT WITH BJM PUMPS. MAY BE NECESSARY TO OFFER 'F' SERIES HIGH TEMPERATURE PUMPS WHEN CONSIDERING CONTINUOUS DUTY OPERATION.

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

104 John W Murphy Drive

New Haven, CT. 0613, USA

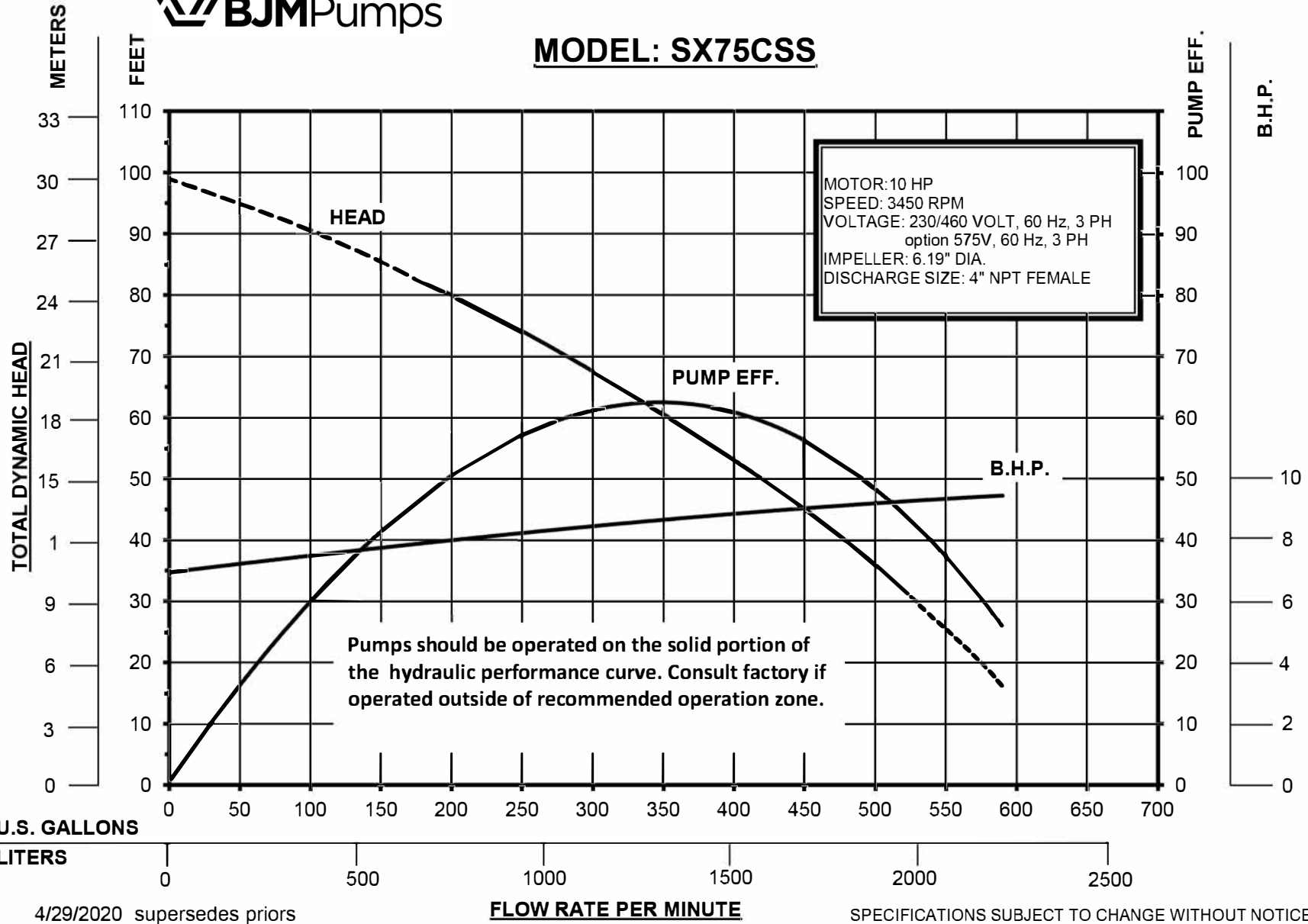
Tel: (860)399-5937 - Fax: (860)399-7784

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: SX75CSS



MOTOR: 10 HP
 SPEED: 3450 RPM
 VOLTAGE: 230/460 VOLT, 60 Hz, 3 PH
 option 575V, 60 Hz, 3 PH
 IMPELLER: 6.19" DIA.
 DISCHARGE SIZE: 4" NPT FEMALE

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

4/29/2020 supersedes priors

FLOW RATE PER MINUTE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE