

 INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® SX75CSS		
	Dwg:	DS-C33-001	Rev:	1	Date:	3/27/2025

GENERAL DATA

MAX. FLOW:	590 GPM (2233.4 L/min)
MAX. HEAD:	99' (30.2m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	OPEN VANE NON-CLOG
MINIMUM SUBMERSION DEPTH:	30.3" (768 mm)
SOLID SIZE:	2.6" (64 mm)
IMPELLER DIAMETER:	6.19" (157 mm)
DISCHARGE SIZE	4" NPT FEMALE
SLIDE RAIL SYSTEM	4"
PUMP WEIGHT, without cable:	228 lbs (103.2 kg)
SHIPPING WEIGHT:	281 lbs (127.3 kg)

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/CERAMIC FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/SILICON CARBIDE FKM
MOTOR CASING	316 SS
PUMP VOLUTE	316 SS
IMPELLER	316 SS
LIP SEAL & O-RINGS	FKM
ROTOR SHAFT	316 SS
EXTERNAL HARDWARE	316 SS
QTY. OIL IN SEAL CHAMBER	35.5 US FL OZ. (1050 CC)
BALL BEARING: PERM. LUBE. UPPER	6305
BALL BEARING: PERM. LUBE. LOWER	6307 x 2

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 10 (CONTINUOUS DUTY ²)		
MOTOR RPM	3450		
MOTOR INSULATION CLASS	H		
MOTOR SERVICE FACTOR	1.1		
VOLTAGE ¹ - 60 Hz	230V	460V	575V
CURRENT F.L.A.	30	15	10.5
LOCKED ROTOR CURRENT (LRA)	216	108	65
POWER CABLE: GAGE; LENGTH	AWG 8/4, 33' (10m), SOOW	AWG 10/4, 33' (10m), SOOW	
MOTOR PROTECTION	THERMAL & AMP OVERLOAD		
SEAL LEAK DETECTOR ³	Seal Minder® MOISTURE SENSING PROBE		
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)		

1 - Available in other voltages for 50Hz

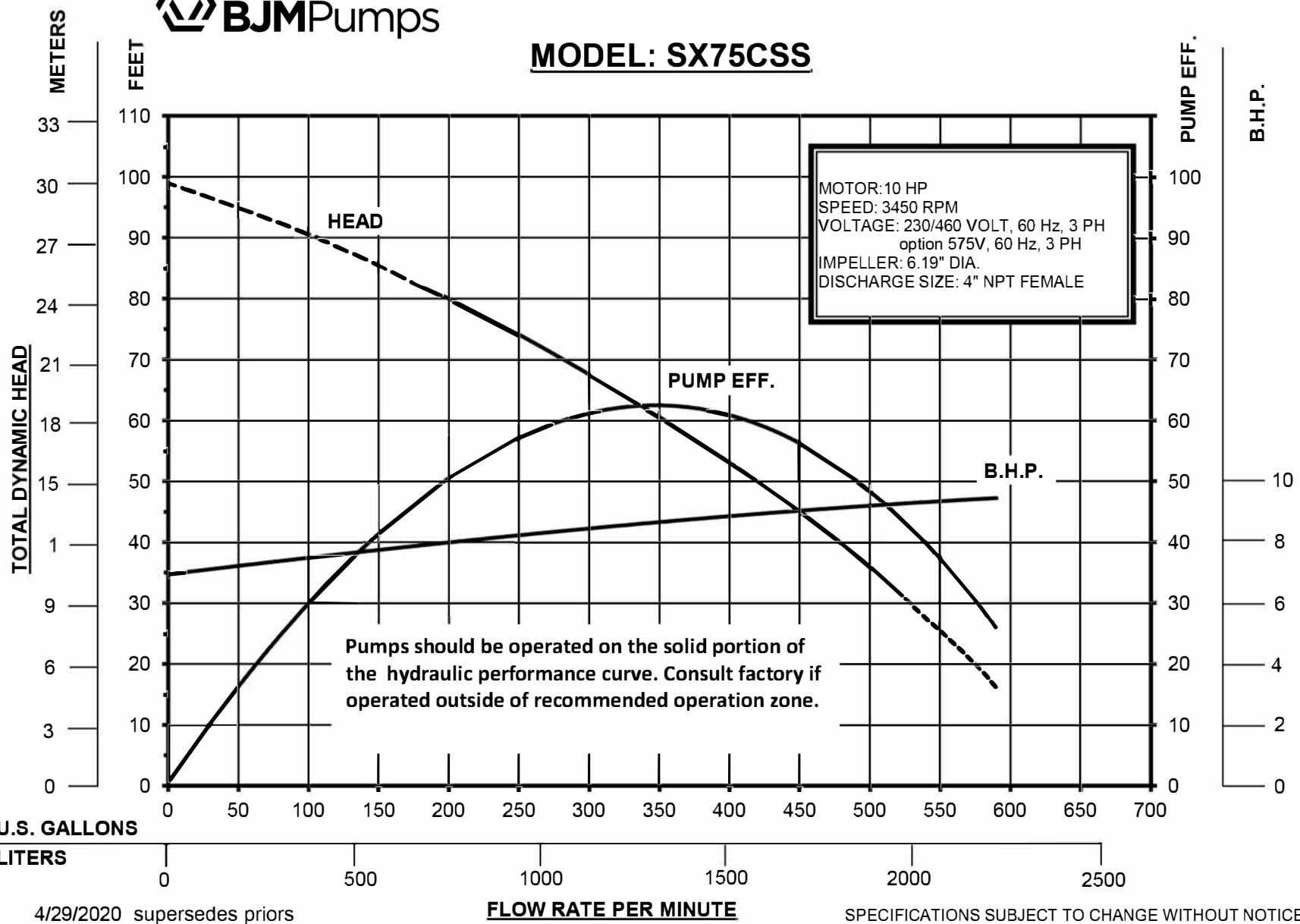
2 - Stainless Steel pumps may not be suitable for continuous duty in all applications. Please consult with factory.

3 - (Optional use) Requires additional cable and seal fail circuit in control panel for warning signal

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MODEL: SX75CSS



4/29/2020 supersedes priors

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE