

TECHNICAL DATA
MODEL SX22CSS
BJM Pumps® SUBMERSIBLE PUMP - 316 SS, 2 VANE IMPELLER
GENERAL DATA

MAX. FLOW: GPM (L/min)	270 GPM (1037 L/min)
MAX. HEAD: ft (m)	45' @ 70 GPM (13.7 m @ 269 L/min)
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)	13.5" (343 mm)
SOLID SIZE: in (mm)	1.6" (40.6 mm)
IMPELLER DIAMETER: in (mm)	4.45" (113 mm)
DISCHARGE SIZE	3" NPT-MALE
SLIDE RAIL DISCHARGE SIZE	3"
PUMP WEIGHT, without cable: lbs (kg)	113 lbs (51.4 kg)
SHIPPING WEIGHT: lbs (kg)	125 lbs (56.8 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
STAND(INTEGRAL SUCTION COVER)	316 SS
LIPSEAL & O-RINGS	FKM
ROTOR SHAFT	316 SS
EXTERNAL HARDWARE	316 SS
QTY. OIL IN SEAL CHAMBER	13.5 U.S. FL. OZ. (400 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6304
BALL BEARING: PERM. LUBE. LOWER	6305

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 3 (CONTINUOUS DUTY ³)			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	F			
MOTOR SERVICE FACTOR	1.1			
VOLTAGE ¹ - 3 PH, 60 Hz	208V option	230V	460V	575V option
CURRENT F.L.A.	9.45	9	4.5	3.2
LOCKED ROTOR CURRENT (LRA)	57	56	28	22
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD			
POWER CORD: GAGE; LENGTH	A.W.G. 14/4; 33' (10m), STOW			
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.

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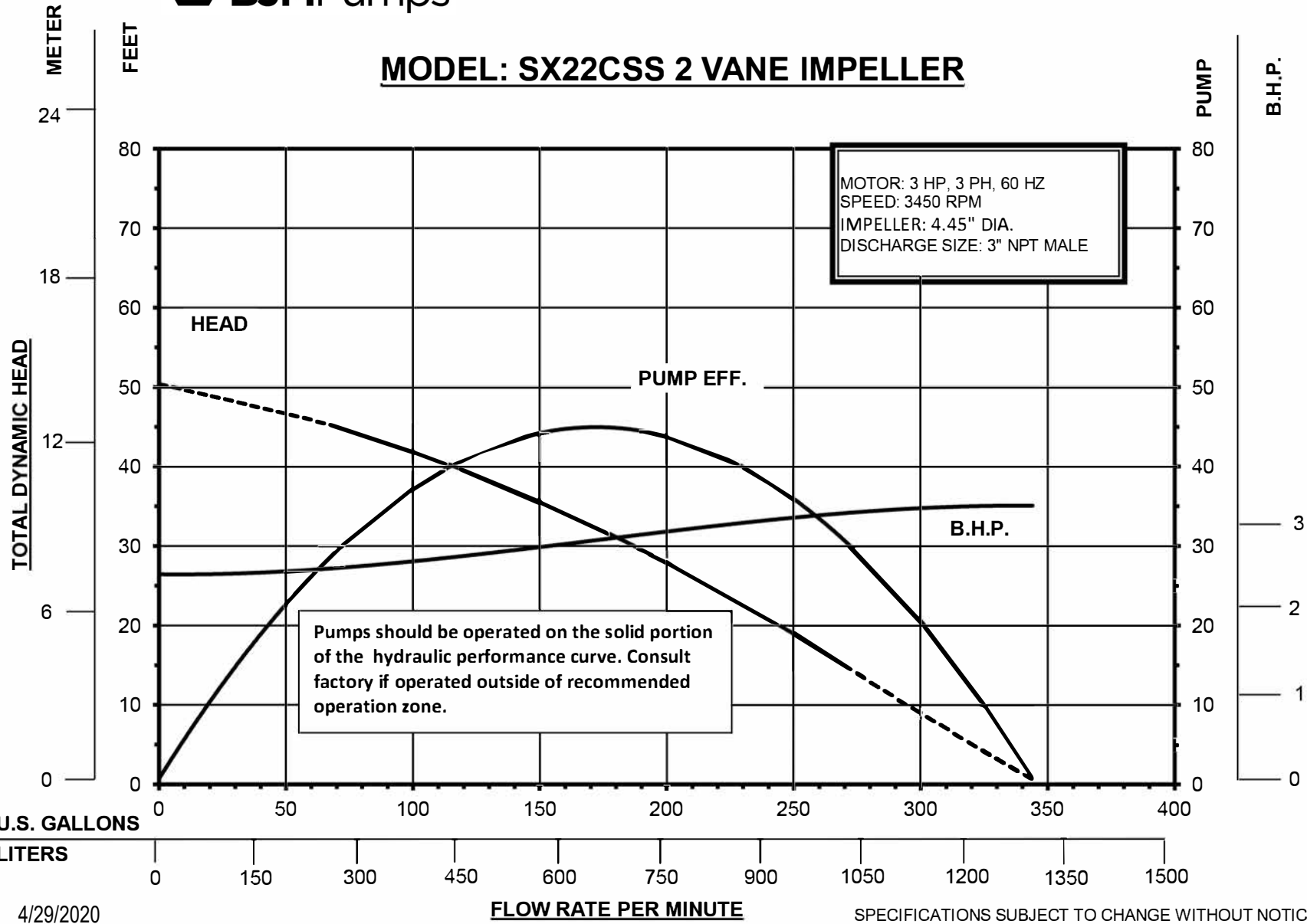
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REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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MODEL: SX22CSS 2 VANE IMPELLER



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