



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® JX08SS

Dwg:

DS-C06-016

Rev:

1

Date:

3/3/2025

GENERAL DATA

MAX. FLOW:	91 GPM (344.4 L/min)
MAX. HEAD:	50' (15.2m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	SUMP, SIDE DISCHARGE
MINIMUM SUBMERSION DEPTH:	9" (229 mm)
SOLID SIZE:	0.19" (4.7 mm)
STRAINER OPENING:	0.5625"x0.25" (14.3x6.3 mm) slot
IMPELLER DIAMETER:	4.13" (105 mm)
DISCHARGE SIZE	2" NPT-MALE
SLIDE RAIL SYSTEM	2" VERTICAL DISCHARGE
PUMP WEIGHT, without cable:	51 lbs (23.2 kg)
SHIPPING WEIGHT:	60 lbs (27.3 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	316SS
STRAINER	316SS
LIP SEAL & O-RINGS	FKM
ROTOR SHAFT	316 SS
EXTERNAL HARDWARE	316 SS
QTY. OIL IN SEAL CHAMBER	10.1 US FL OZ. (300 CC)
BALL BEARING: PERM. LUBE. UPPER	6203
BALL BEARING: PERM. LUBE. LOWER	6304

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 1 (CONTINUOUS DUTY ³)			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	F			
MOTOR SERVICE FACTOR	1.1			
VOLTAGE ¹ - 60 Hz	208V	230V	460V	575V
CURRENT F.L.A.	3.5	3.2	1.6	1.3
LOCKED ROTOR CURRENT (LRA)	18.15	18	9	8
POWER CABLE: GAGE; LENGTH	AWG 16/4, 33' (10m), STOW			
SENSOR CABLE (OPTIONAL ²): GAGE; LENGTH	AWG 18/2, 33' (10m), SJT			
MOTOR PROTECTION	THERMAL & AMP OVERLOAD			
SEAL LEAK DETECTOR ² (OPTIONAL)	Seal Minder® MOISTURE SENSING PROBE			
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)			

1 - Available in other voltages for 50Hz

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

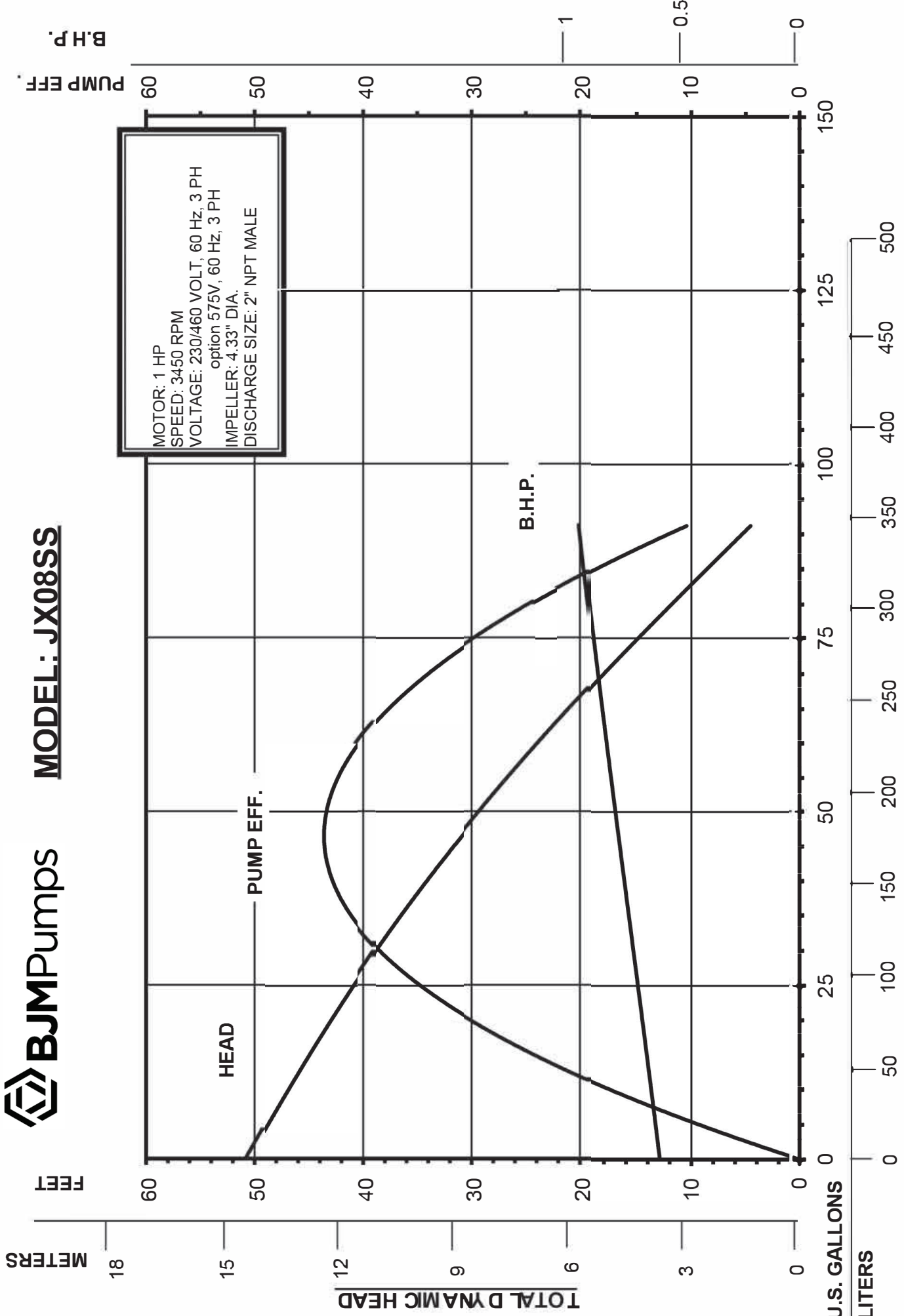
3 - NOTE: STAINLESS STEEL PUMPS **MAY NOT BE SUITABLE** FOR CONTINUOUS DUTY IN ALL APPLICATIONS. PLEASE CONSULT WITH BJM PUMPS. MAY BE NECESSARY TO OFFER 'F' SERIES HIGH TEMPERATURE PUMPS WHEN CONSIDERING CONTINUOUS DUTY OPERATION.

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BJMPumps **MODEL: JX08SS**



3/26/2020 supersedes priors

FLOW RATE PER MINUTE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE