INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA		BJM Pumps® SX08CSS		
	Dwg:	DS-C33-010	**Rev:**	2	**Date:** 8/17/2026

GENERAL DATA

MAX. FLOW:	87 GPM (329.3 L/min)
MAX. HEAD:	58' (17.6m)
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: FOR CONT. DUTY[3]	11.03" (280 mm)
SOLID SIZE:	2" (50 mm)
IMPELLER DIAMETER:	3.86" (98 mm)
DISCHARGE SIZE	2" NPT-MALE
SLIDE RAIL SYSTEM	2"
PUMP WEIGHT (without cable):	60 lbs (27.3 kg)
SHIPPING WEIGHT:	69 lbs (31.4 kg)

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/CERAMIC, FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, FKM
MOTOR HOUSING	316 SS
PUMP VOLUTE	316 SS
IMPELLER	316 SS
LIP SEAL & O-RINGS	FKM
ROTOR SHAFT	316 SS
EXTERNAL HARDWARE	316 SS
BALL BEARING: PERM. LUBE. UPPER	6203
BALL BEARING: PERM. LUBE. LOWER	6304

ELECTRICAL / MOTOR DATA

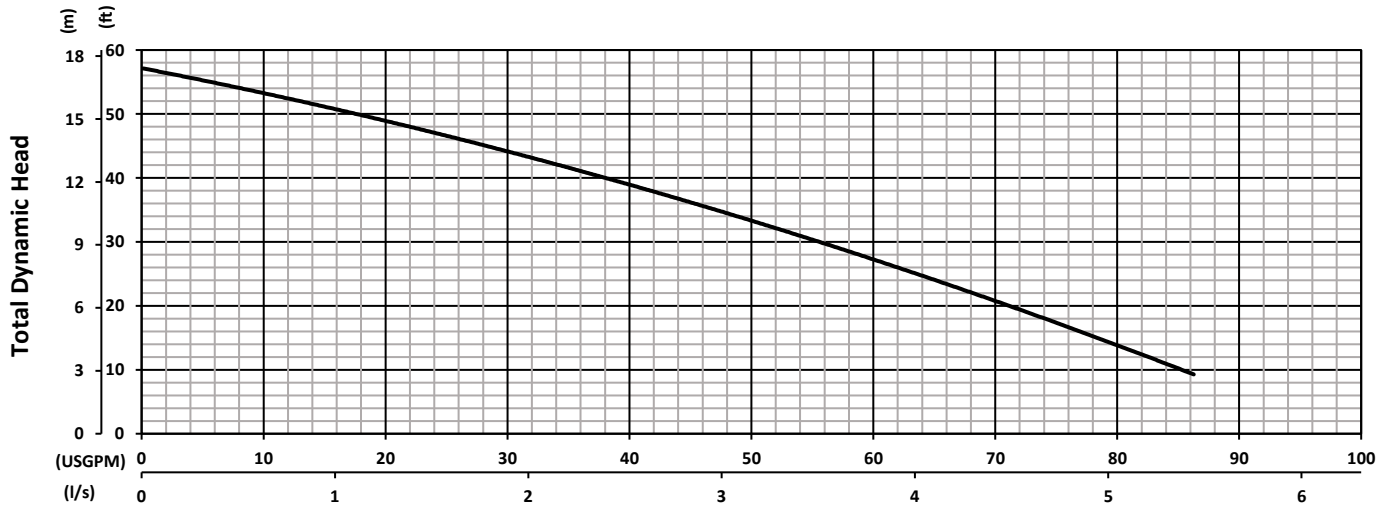
MOTOR: HP, TYPE, RATING	1, SUBMERSIBLE , (CONTINUOUS DUTY[3])			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	F			
MOTOR SERVICE FACTOR	1.1			
VOLTAGE - 60Hz[1]	208V	230V	460V	575V
CURRENT F.L.A.	3.15	3	1.5	1.2
LOCKED ROTOR CURRENT (LRA)	18.15	18	9	8
POWER CABLE: GAGE-LENGTH	AWG 16/4, 33' (10m) STOW			
SENSOR CABLE: (OPTIONAL[2]) GAGE-LENGTH	AWG 18/2, 33' (10m) SOOW			
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD			
SEAL LEAK DETECTOR (OPTIONAL[2])	Seal Minder® MOISTURE SENSING PROBE			
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)			

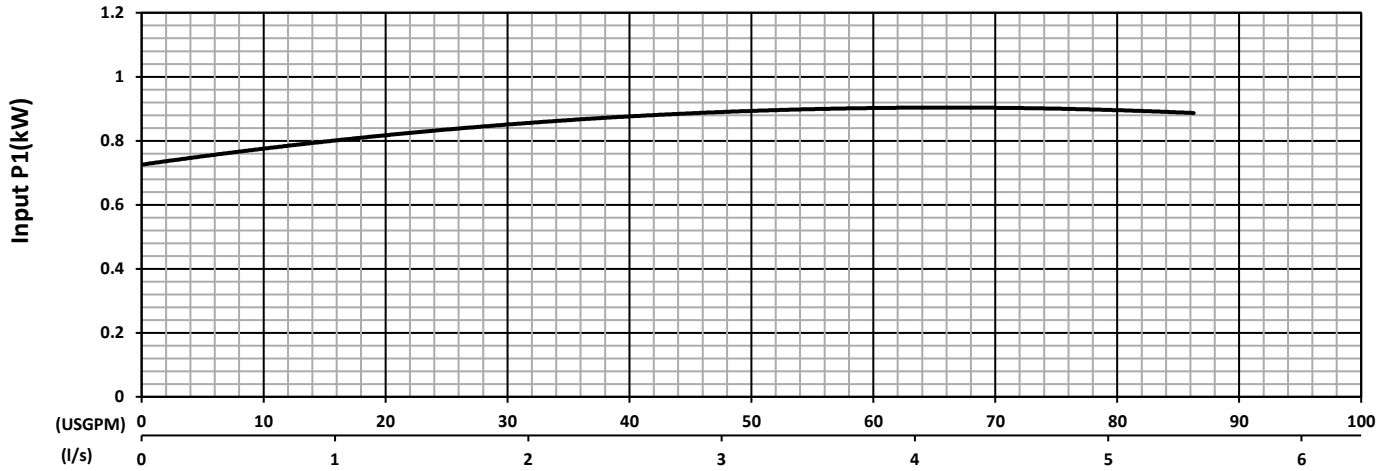
1 - Available in other voltages for 50Hz
2 - Requires a seal fail circuit in control panel for warning signal
3 - Continuous duty motor - see minimum submersion depth above

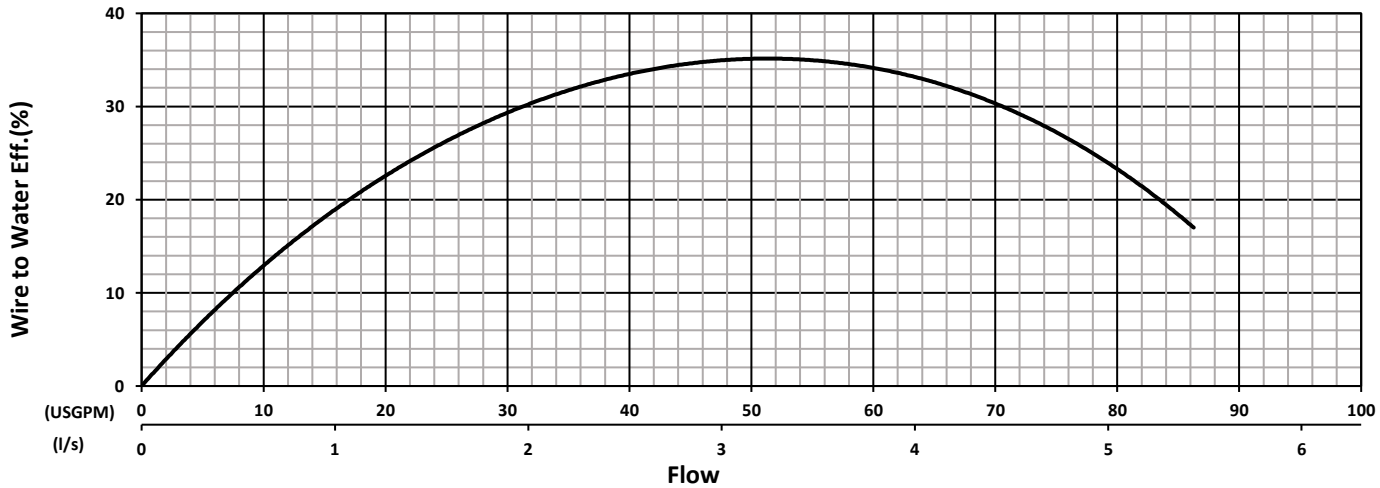
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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

INDUSTRIAL FLOW SOLUTIONS™	PERFORMANCE CURVE		BJM Pumps® SX08CSS		
	Dwg:	DS-C33-005	**Rev:**	2	**Date:** 8/17/2026







Test Standard : HI 11.6 Gr 3B
Tested with water at 20°C

08CSS - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	98mm

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