



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® JX08SS

Dwg:

DS-C06-016

Rev:

2

Date:

9/5/2025

GENERAL DATA

MAX. FLOW:	72 GPM (272.5 LPM)
MAX. HEAD:	55' (16.8m)
MAX. SUBMERSION DEPTH:	65' (20 m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE:	DEWATERING, SIDE DISCHARGE
MINIMUM SUBMERSION DEPTH FOR CONT. DUTY ³ :	15.2" (386.1 mm)
PUMP DOWN WATER LEVEL:	5.25" (133.35 mm)
SOLID SIZE:	0.19" (4.7 mm)
STRAINER OPENING:	0.25" (6.3 mm)
IMPELLER DIAMETER:	4.13" (105 mm)
DISCHARGE SIZE:	2" NPT-MALE
SLIDE RAIL SYSTEM	2" STAINLESS STEEL
PUMP WEIGHT (without cable):	51 lbs (23.1 kg)
SHIPPING WEIGHT:	60 lbs (27.2 kg)

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/CERAMIC, FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, FKM
MOTOR CASING	316 SS
PUMP VOLUTE	316 SS
IMPELLER	316 SS
STRAINER	316 SS
LIP SEAL & O-RINGS	FKM
ROTOR SHAFT	316 SS
EXTERNAL HARDWARE	316 SS
BEARING, PERM. LUBRICATED, UPPER:	6203
BEARING, PERM. LUBRICATED, 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 - 3PH - 60Hz ¹	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) STOW			
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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PERFORMANCE CURVE

BJM Pumps® JX08SS

Dwg:

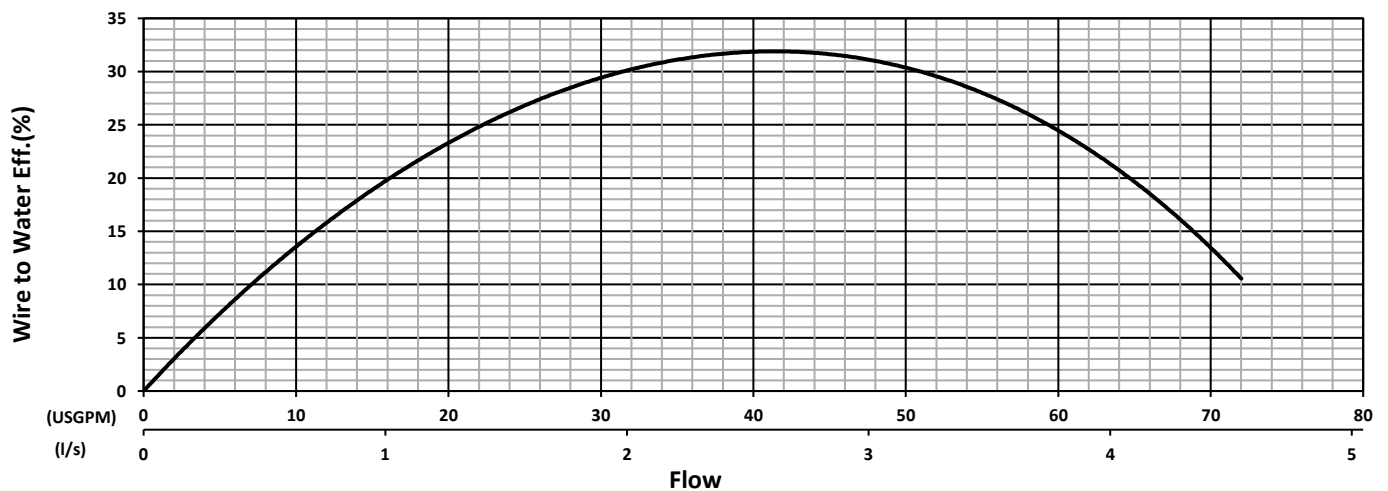
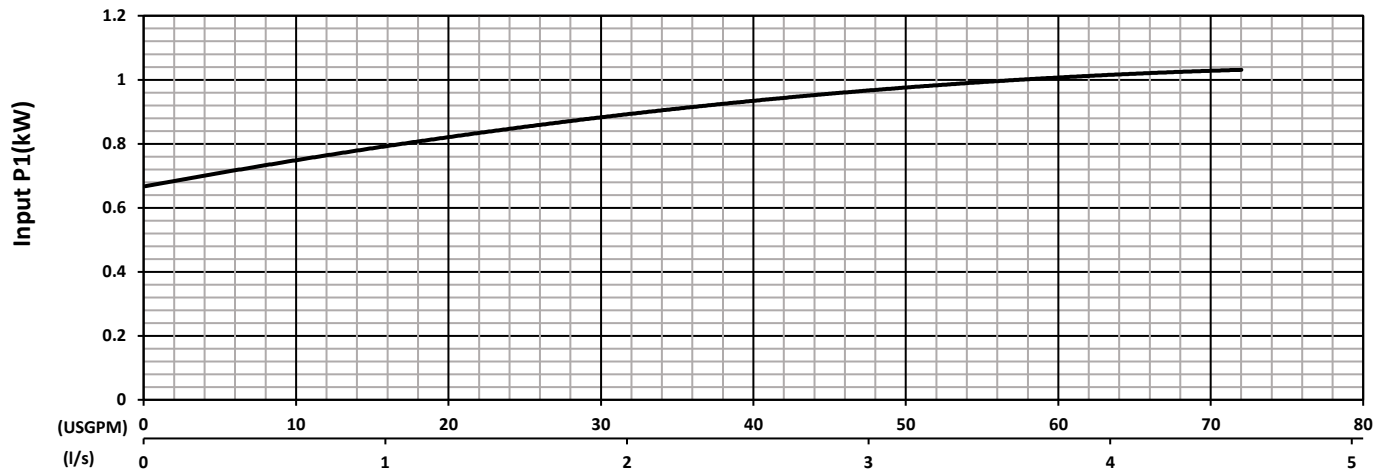
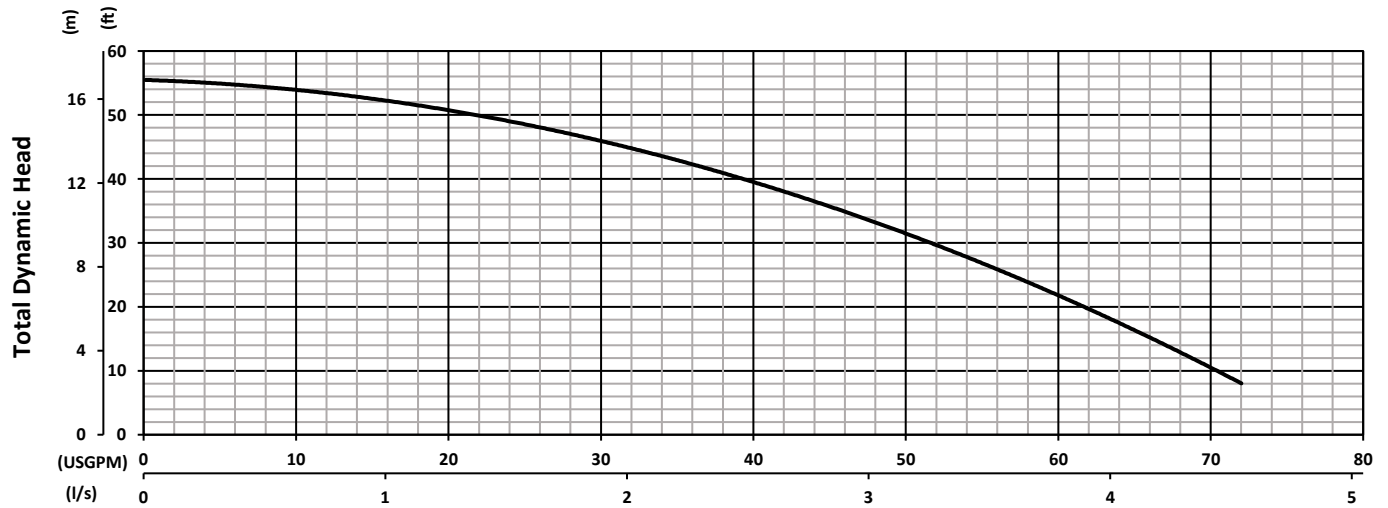
DS-C06-019

Rev:

1

Date:

7/23/2025



Flow

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

08SS - Dual Units

Frequency 60 Hz
Pump Speed 3450 RPM
Impeller 110mm

Specifications subject to change without notice