



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® JX400SS

Dwg:

DS-C06-026

Rev:

1

Date:

9/5/2025

GENERAL DATA

MAX. FLOW:	54 GPM (204.4 LPM)
MAX. HEAD:	40' (12.2m)
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 :	15.7" (398.8 mm)
PUMP DOWN WATER LEVEL:	4.75" (120.65 mm)
SOLID SIZE:	0.12" (3.1 mm)
STRAINER OPENING:	0.19" (4.7 mm)
IMPELLER DIAMETER:	3.74" (95 mm)
DISCHARGE SIZE:	2" NPT-MALE
SLIDE RAIL SYSTEM	2" STAINLESS STEEL
PUMP WEIGHT (without cable):	32 lbs (14.5 kg)
SHIPPING WEIGHT:	38 lbs (17.2 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:	6201
BEARING, PERM. LUBRICATED, LOWER:	6201

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	0.5, SUBMERSIBLE, (CONTINUOUS DUTY ³)	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	F	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE - 1PH - 60Hz ¹	115V	230V
CURRENT F.L.A.	7.6	3.8
LOCKED ROTOR CURRENT (LRA)	24	12
POWER CABLE: GAGE-LENGTH	AWG 16/3, 33' (10m) STOW	
SENSOR CABLE: (OPTIONAL ²) GAGE-LENGTH	AWG 18/2, 33' (10m) STOW	
MOTOR PROTECTION	THERMAL BREAKER	
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® JX400SS

Dwg:

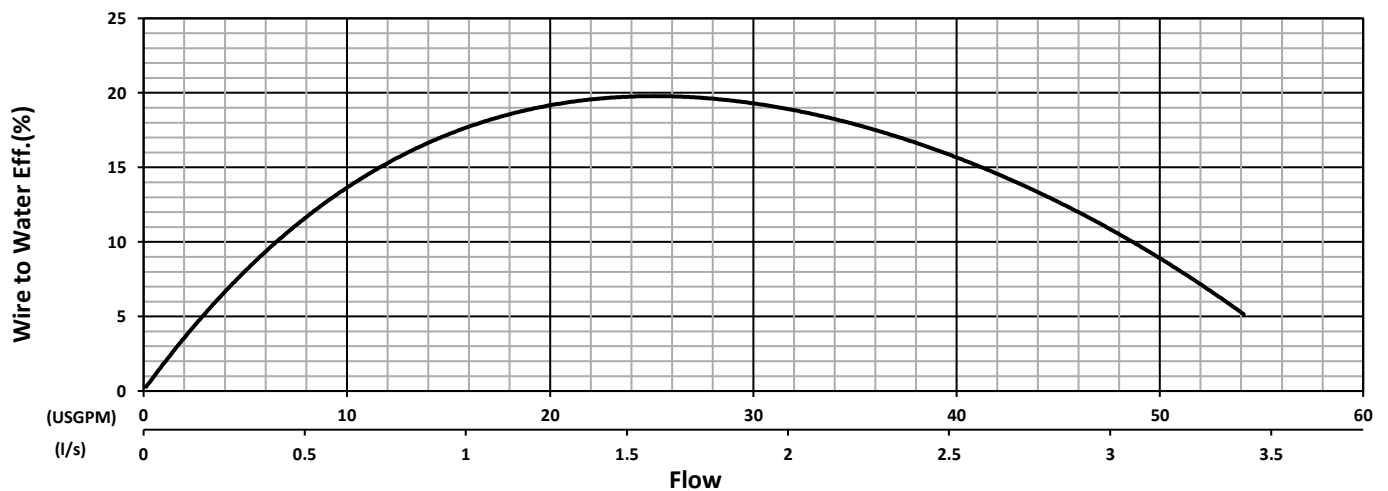
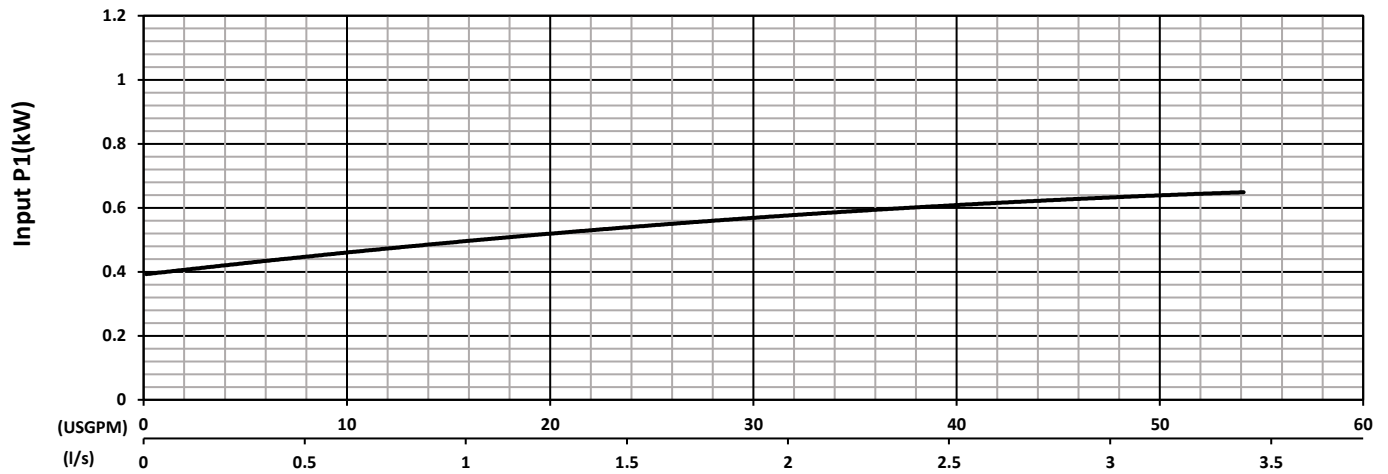
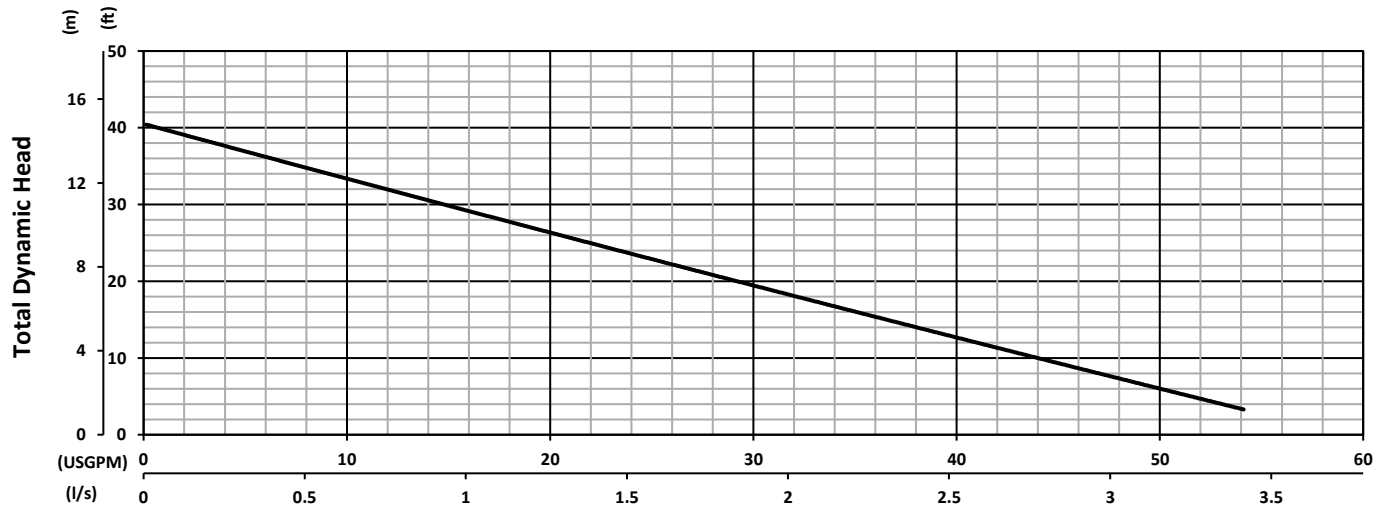
DS-C06-022

Rev:

1

Date:

7/23/2025



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

400SS - Dual Units

Frequency
Pump Speed
Impeller

60 Hz
3450 RPM
95mm

Specifications subject to change without notice