



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® JX220CSS

Dwg:

DS-C06-002

Rev:

4

Date:

9/5/2025

GENERAL DATA

MAX. FLOW:	691 GPM (2615.7 LPM)
MAX. HEAD:	180' (54.9m)
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 :	34.6" (878.8 mm)
PUMP DOWN WATER LEVEL:	15.5" (393.7 mm)
SOLID SIZE:	0.98" (25 mm)
STRAINER OPENING:	0.98" (25 mm)
IMPELLER DIAMETER:	7.13" (181 mm)
DISCHARGE SIZE:	6" ANSI FLANGE
SLIDE RAIL SYSTEM	4" STAINLESS STEEL (6" OPTIONAL WITH ADAPTER)
PUMP WEIGHT (without cable):	426 lbs (193.2 kg)
SHIPPING WEIGHT:	492 lbs (223.2 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:	6306
BEARING, PERM. LUBRICATED, LOWER:	6309/7309 TANDEM DESIGN

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	30, SUBMERSIBLE, (CONTINUOUS DUTY ³)	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	H	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE - 3PH - 60Hz ¹	460V	575V
CURRENT F.L.A.	32	25.6
LOCKED ROTOR CURRENT (LRA)	165	128
POWER CABLE: GAGE-LENGTH	AWG 4/4, 50' (15m) SOOW	
SENSOR CABLE: ² GAGE-LENGTH	AWG 16/4, 50' (15m) SOOW	
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING PHASE, 300°F (149°C)	
SEAL LEAK DETECTOR 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® JX220

Dwg:

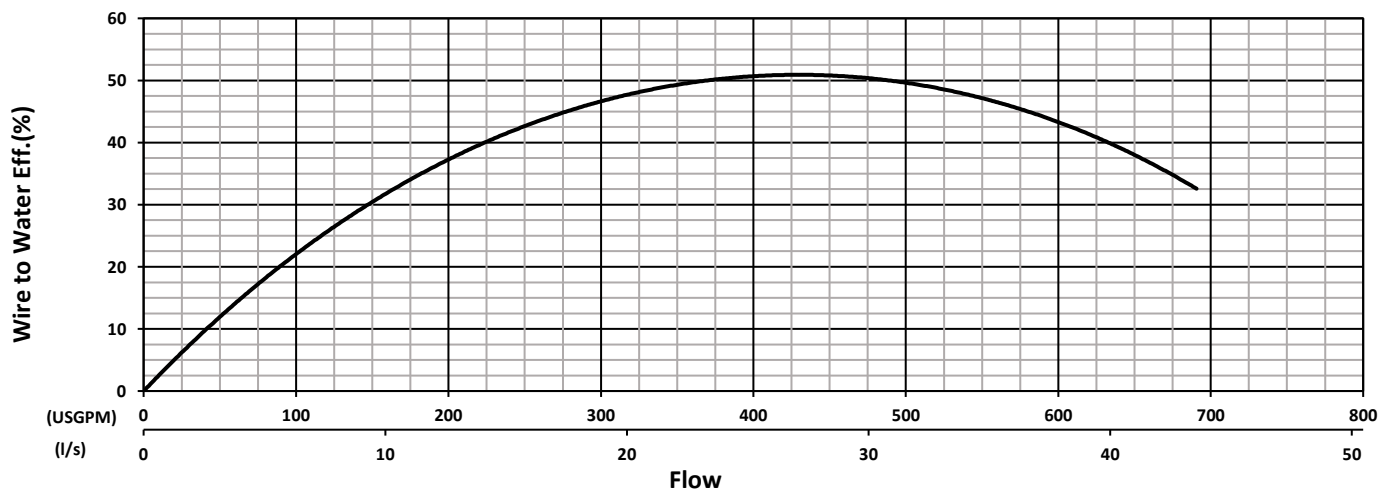
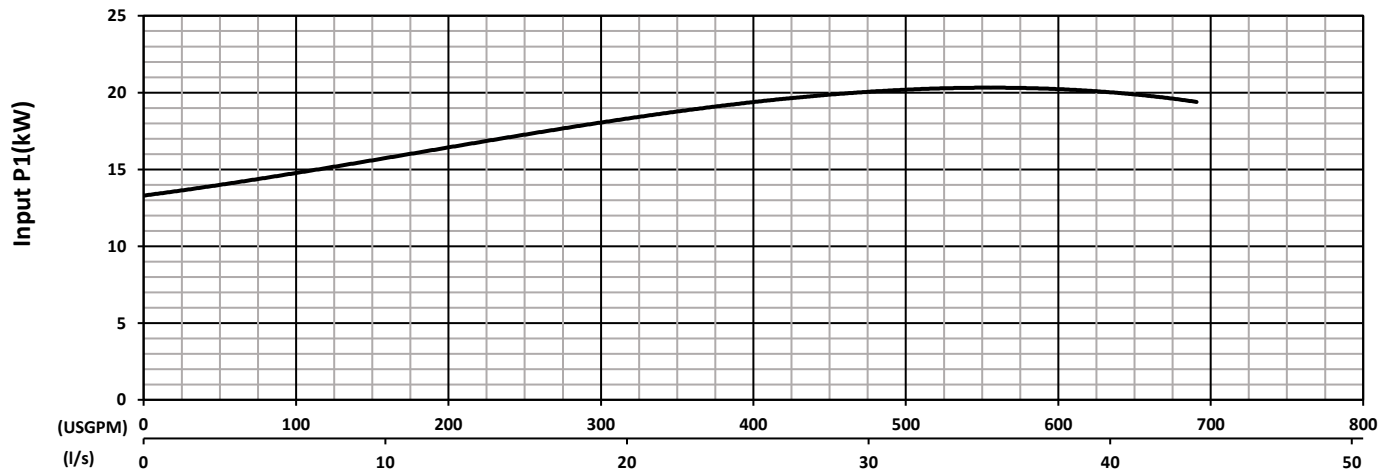
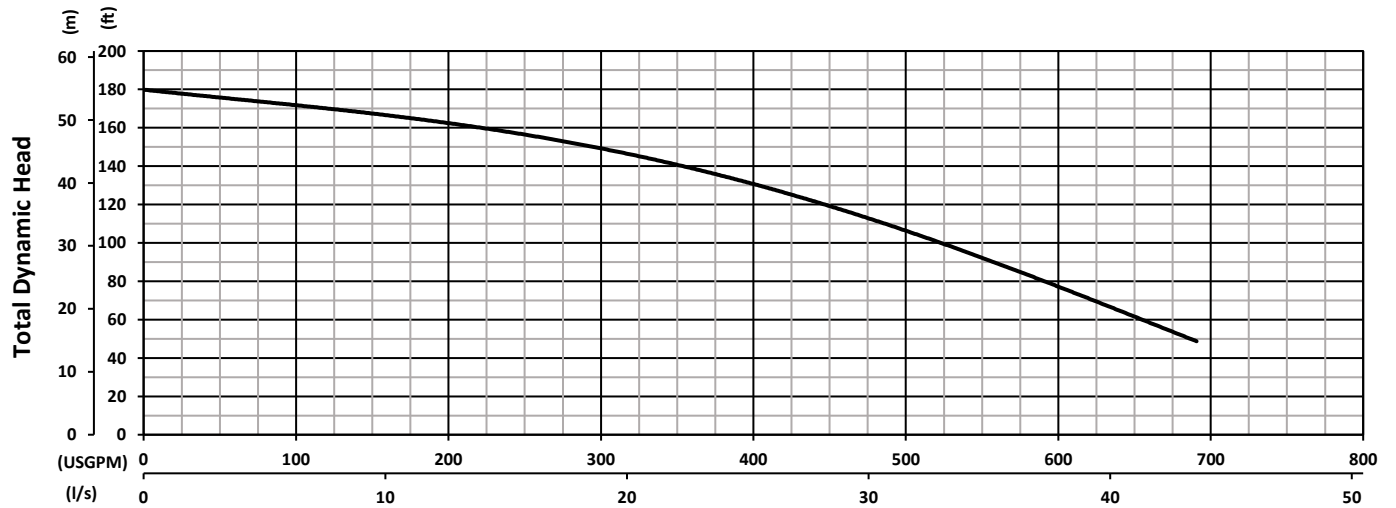
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Flow

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

220 - Dual Units

Frequency 60 Hz
Pump Speed 3450 RPM
Impeller 181mm

Specifications subject to change without notice