



**BJM SUBMERSIBLE PUMP - 316 SS  
GENERAL DATA**

MAX. FLOW: GPM (L/min)	692 GPM (2680 L/min)
MAX. HEAD: ft (m)	180' (54.8 m)
MAX. SUBMERSION DEPTH: ft (m)	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	SUMP, SIDE DISCHARGE
MINIMUM SUBMERSION DEPTH: in(mm)	10.8" (470 mm)
SOLID SIZE: in (mm)	1.0" (25 mm)
STRAINER OPENING	1.0" (25 mm) diameter
IMPELLER DIAMETER: in (mm)	7.13" (181 mm)
DISCHARGE SIZE	6" ANSI SLIP WELD FLANGE
SLIDE RAIL SYSTEM	4" (6" available)
PUMP WEIGHT, w/50' of Cable: lbs (kg)	426 lbs (194 kg)
SHIPPING WEIGHT: lbs (kg)	492 lbs (224 kg)

**CONSTRUCTION / MATERIAL DATA**

MECHANICAL SEAL - UPPER	CARBON/CERAMIC - FKM
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE - FKM
MOTOR CASING	316 SS
PUMP VOLUTE	316 SS
IMPELLER- MULTI VANE	316 SS
STRAINER	316 SS
LIPSEAL & O-RINGS	FKM
ROTOR SHAFT	316 SS
EXTERNAL HARDWARE	316 SS
BALL BEARING: PERM. LUBE. UPPER	6306
BALL BEARING: PERM. LUBE. LOWER	6309/7309 TANDEM DESIGN

**ELECTRICAL / MOTOR DATA**

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 30 (CONTINUOUS DUTY)	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	H	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE <sup>2</sup> - 3 PH, 60 Hz	460V	575V option
CURRENT F.L.A.	32.0	25.6
LOCKED ROTOR CURRENT (LRA)	165	128
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN MOTOR WINDINGS, 302°F (150°C)	
POWER CABLE: GAGE; LENGTH	A.W.G. 4/4; 50' (15.2 m), SOOW	
SENSOR CABLE	A.W.G. 16/4; 50' (15.2 m), SOOW	
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)	
SEAL LEAK DETECTOR <sup>1</sup>	Seal Minder®; MOISTURE SENSING PROBE	

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

2- Available in other voltages (and in 50 Hz).

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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INDUSTRIAL  
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# PERFORMANCE CURVE

# BJM Pumps JX220

Dwg:

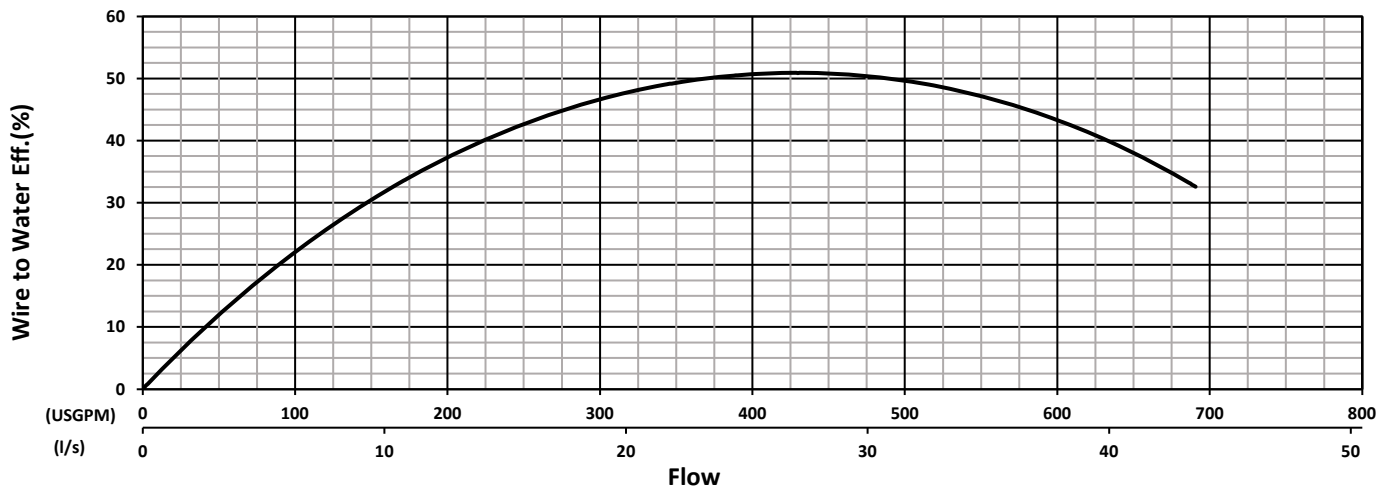
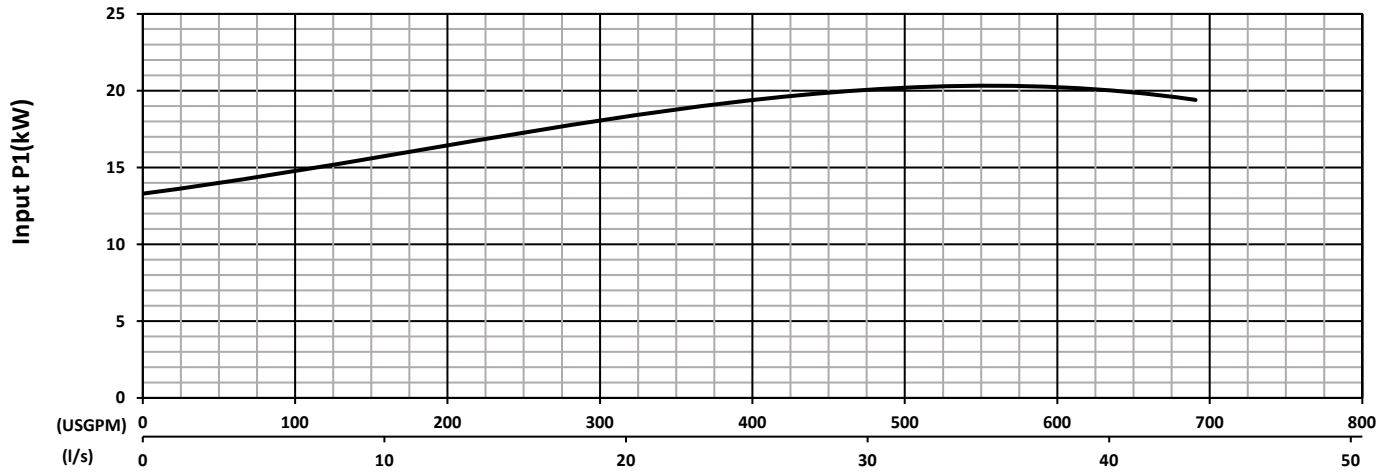
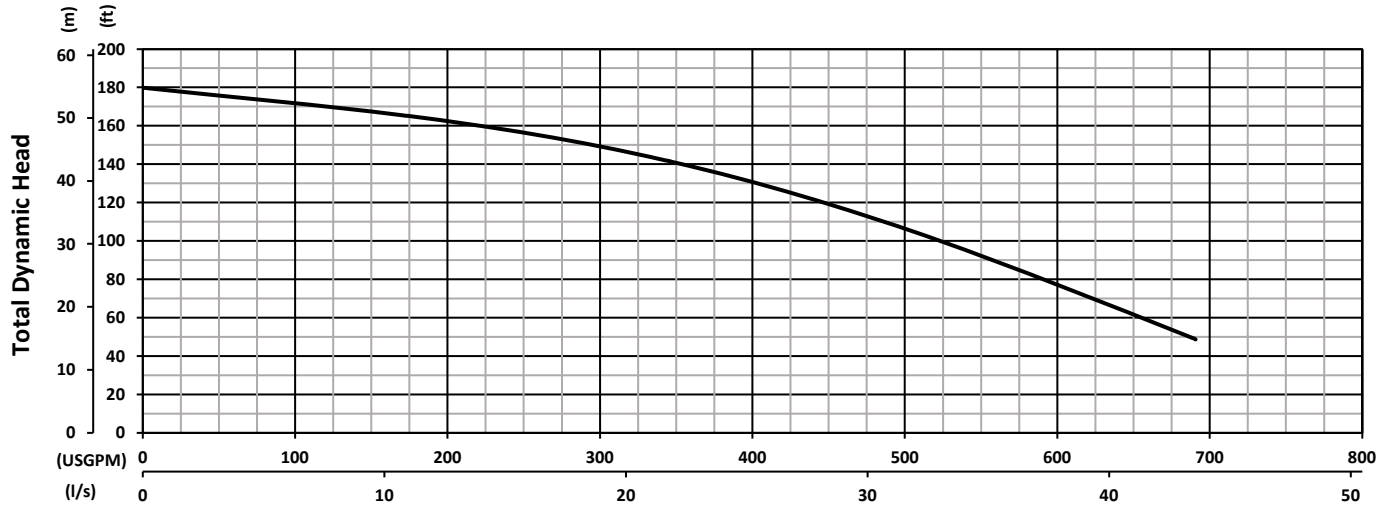
DS-C06-001

Rev:

1

Date:

4/20/2023



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