



INDUSTRIAL  
FLOW  
SOLUTIONS™

## TECHNICAL DATA

**BJM Pumps® XP-JX22HSS**

**Dwg:**

DS-C36-003

**Rev:**

2

**Date:**

9/8/2025

## GENERAL DATA

APPROVALS:	EXPLOSION PROOF FM APPROVED CLASS1, DIVISION 1, GROUP C & D	
MAX. FLOW:	135 GPM (511 LPM)	
MAX. HEAD:	92' (28m)	
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 <sup>3</sup> :	28.7" (729 mm)	
PUMP DOWN WATER LEVEL:	5" (127 mm)	
SOLID SIZE:	0.37" (9.5 mm)	
STRAINER OPENING:	0.37" (9.5 mm)	
IMPELLER DIAMETER:	5.51" (140 mm)	
DISCHARGE SIZE:	2" NPT-MALE	
SLIDE RAIL SYSTEM	3" NON-SPARKING	
PUMP WEIGHT (without cable):	156.5 lbs (71 kg)	
SHIPPING WEIGHT:	167.6 lbs (76 kg)	

## CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/CERAMIC, FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, FKM
MOTOR HOUSING	CAST IRON, EPOXY COATED
IMPELLER & VOLUTE	316 SS
STRAINER	316 SS
LIP SEAL & O-RINGS	FKM
ROTOR SHAFT	316 SS
EXTERNAL HARDWARE	304 SS
BEARING, PERM. LUBRICATED, UPPER:	6305ZZC3
BEARING, PERM. LUBRICATED, LOWER:	6307ZZC3

## ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	3, SUBMERSIBLE, (CONTINUOUS DUTY <sup>3</sup> )			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	F			
MOTOR SERVICE FACTOR	1.1			
VOLTAGE - 3PH - 60Hz <sup>1</sup>	208V	230V	460V	575V
CURRENT F.L.A.	9.4	8.9	4.5	3.6
LOCKED ROTOR CURRENT (LRA)	62	59	29.5	24
POWER CABLE: GAGE-LENGTH	AWG 14/4, 50' (15m) SOOW			
SENSOR CABLE: <sup>2</sup> GAGE-LENGTH	AWG 14/4, 50' (15m) SOOW			
MOTOR PROTECTION	TWO NORMALLY CLOSED THERMOSTATS			
SEAL LEAK DETECTOR <sup>2</sup>	SINGLE ELECTRODE LEAKAGE DETECTOR			
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)			

1 - Available in other voltages for 50Hz

2 - Requires seal fail and thermal circuit in control panel for warranty validity.

3 - Continuous duty motor - see minimum submersion depth above.

©2025 Industrial Flow Solutions Operating, LLC. All rights reserved.

Industrial Flow Solutions Operating, LLC • 104 John W Murphy Drive, New Haven, CT 06513, USA

(860) 631-3618 • [www.flowsolutions.com](http://www.flowsolutions.com)



INDUSTRIAL  
FLOW  
SOLUTIONS™

# PERFORMANCE CURVE

# BJM Pumps® XP-JX22HSS

Dwg:

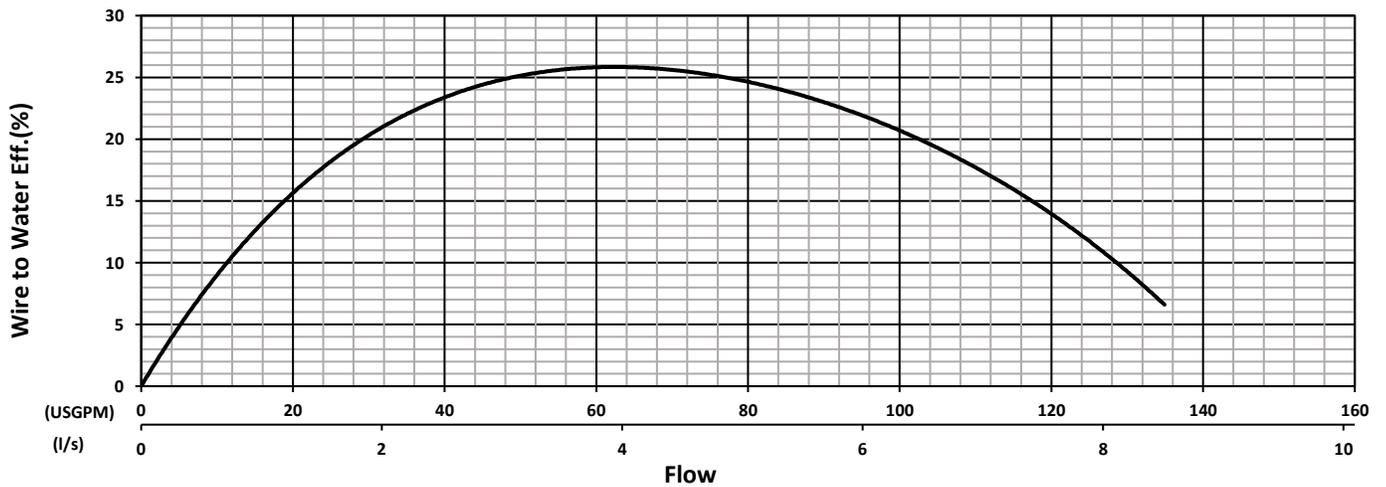
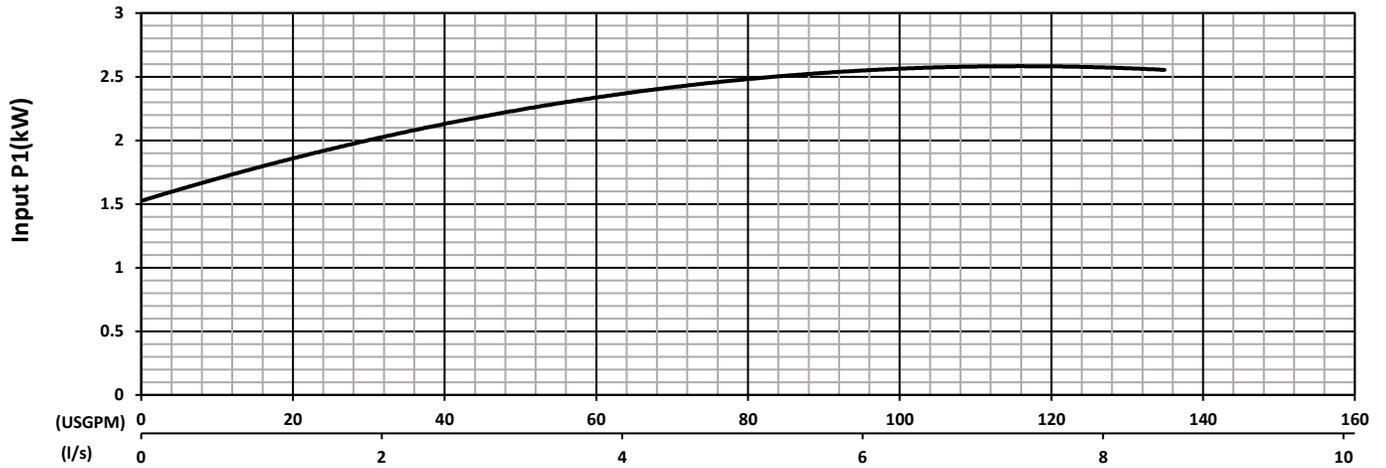
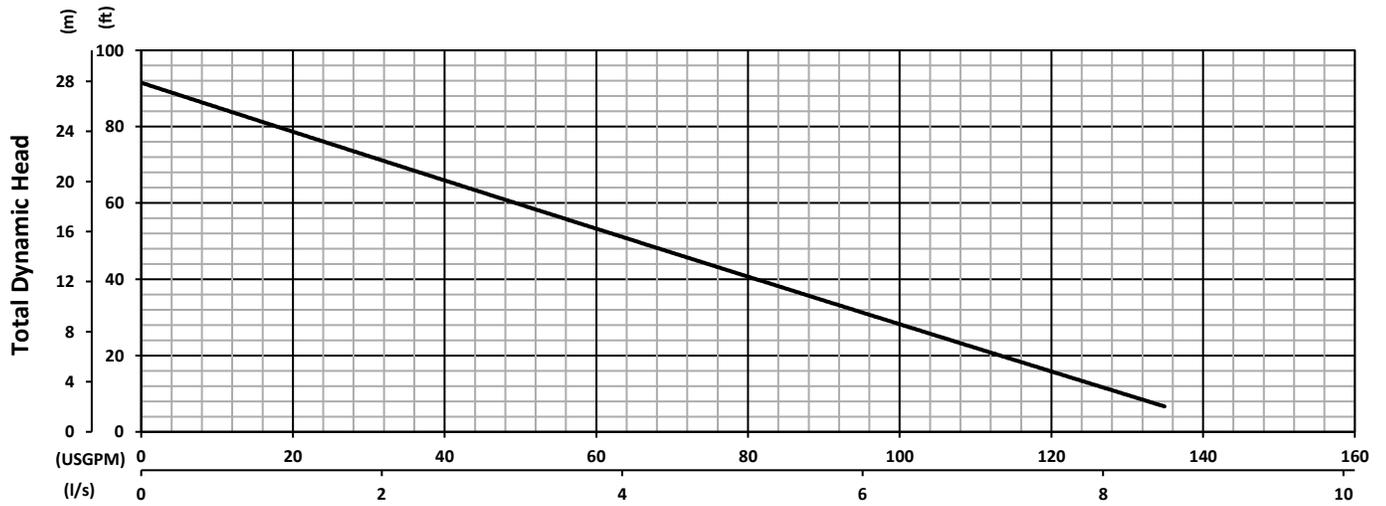
DS-C36-005

Rev:

1

Date:

7/23/2025



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

22HSS - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	140mm

Specifications subject to change without notice