

INDUSTRIAL
FLOW
SOLUTIONS™**TECHNICAL DATA****BJM Pumps® XP-JX37SS****Dwg:**

DS-C35-007


Rev:

3

Date:

2/5/2025

GENERAL DATA

APPROVALS:	EXPLOSION PROOF FM APPROVED CLASS1, DIVISION 1, GROUP C & D	
MAX. FLOW:	196 GPM (741.9 L/min)	
MAX. HEAD:	102' (31.1m)	
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths	
PUMP TYPE	DEWATERING	
MINIMUM SUBMERSION DEPTH:	29" (728 mm)	
SOLID SIZE:	0.4" (9.5 mm)	
IMPELLER DIAMETER:	5.32" (135 mm)	
DISCHARGE SIZE	2" NPT-FEMALE	
SLIDE RAIL SIZE	NON-SPARKING 3" SLIDE RAIL, BERS-0320V-EX	
PUMP WEIGHT, without cable:	167.6 lbs (76 kg)	
SHIPPING WEIGHT:	178.6 lbs (81 kg)	

CONSTRUCTION / MATERIAL DATA

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

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 5 (CONTINUOUS DUTY ²)			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	F			
MOTOR SERVICE FACTOR	1.1			
VOLTAGE - 60 Hz	208V	230V	460V	575V
CURRENT F.L.A.	15	14	7	5.6
LOCKED ROTOR CURRENT (LRA)	82	76	38	31
POWER CABLE: GAGE; LENGTH	AWG 10/4, 50' (15.2m), SOOW			
SENSOR CABLE: GAGE; LENGTH	AWG 14/4, 50' (15.2m), SOOW			
MOTOR PROTECTION ¹	TWO NORMALLY CLOSED THERMOSTATS			
SEAL LEAK DETECTOR ¹	SINGLE ELECTRODE LEAKAGE DETECTOR			
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)			

1 - Seal fail and thermal sensor cable must be properly connected to maintain warranty

2 - Continuous duty motor - see minimum submersion depth above

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INDUSTRIAL FLOW SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps XP-JX37SS

Dwg:

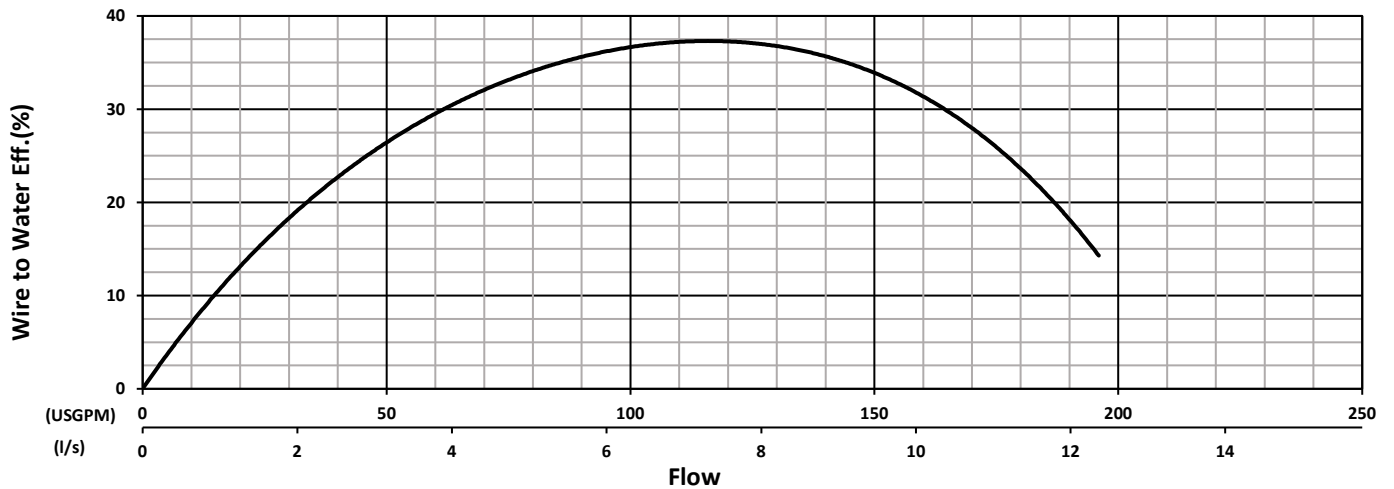
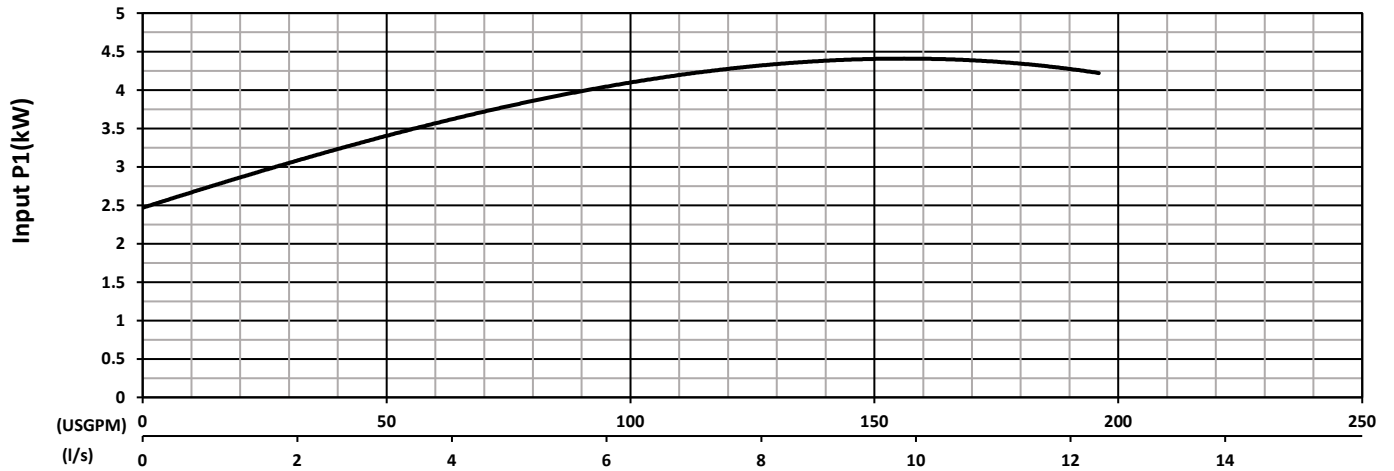
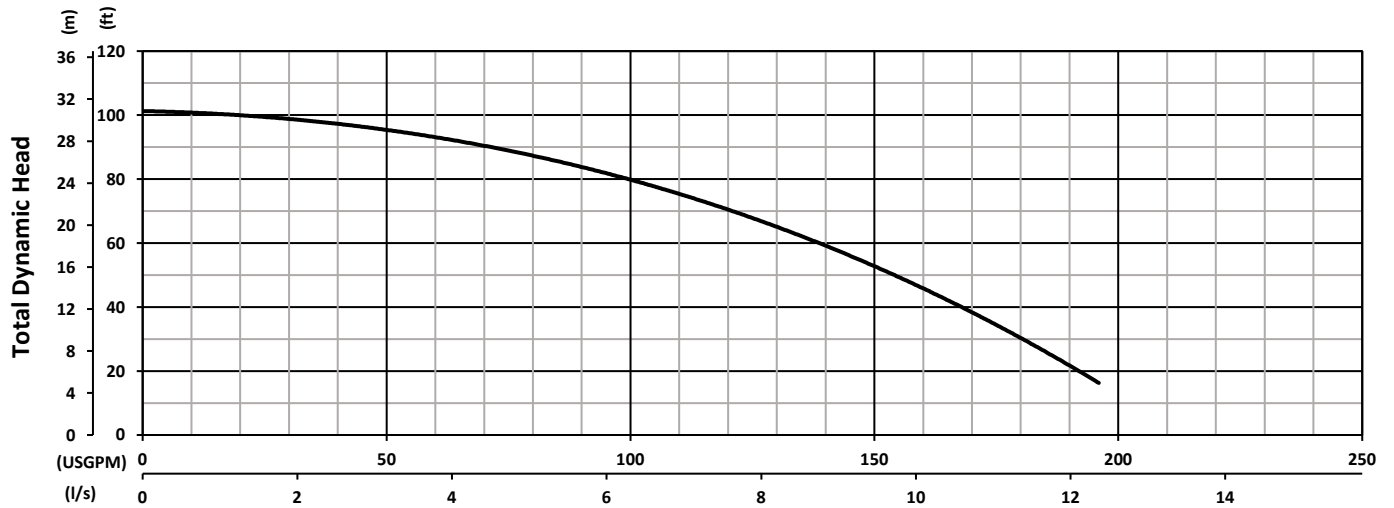
DS-C35-006

Rev:

1

Date:

10/30/2023



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

37SS - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	135mm

Specifications subject to change without notice