

**Dwg:**

DS-C36-001

Rev:

3

Date:

9/8/2025

GENERAL DATA

APPROVALS:	EXPLOSION PROOF FM APPROVED CLASS1, DIVISION 1, GROUP C & D	
MAX. FLOW:	190 GPM (719.2 LPM)	
MAX. HEAD:	116' (35.4m)	
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 :	28.7" (728 mm)	
PUMP DOWN WATER LEVEL:	6.25" (158.75 mm)	
SOLID SIZE:	0.37" (9.5 mm)	
STRAINER OPENING:	0.37" (9.5 mm)	
IMPELLER DIAMETER:	5.79" (147 mm)	
DISCHARGE SIZE:	2" NPT-MALE	
SLIDE RAIL SYSTEM	3" NON-SPARKING	
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/ 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	5, SUBMERSIBLE, (CONTINUOUS DUTY ³)			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	F			
MOTOR SERVICE FACTOR	1.1			
VOLTAGE - 3PH - 60Hz ¹	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' (15m) SOOW			
SENSOR CABLE: ² GAGE-LENGTH	AWG 14/4, 50' (15m) SOOW			
MOTOR PROTECTION	TWO NORMALLY CLOSED THERMOSTATS			
SEAL LEAK DETECTOR ²	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.

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INDUSTRIAL FLOW SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps® XP-JX37HSS

Dwg:

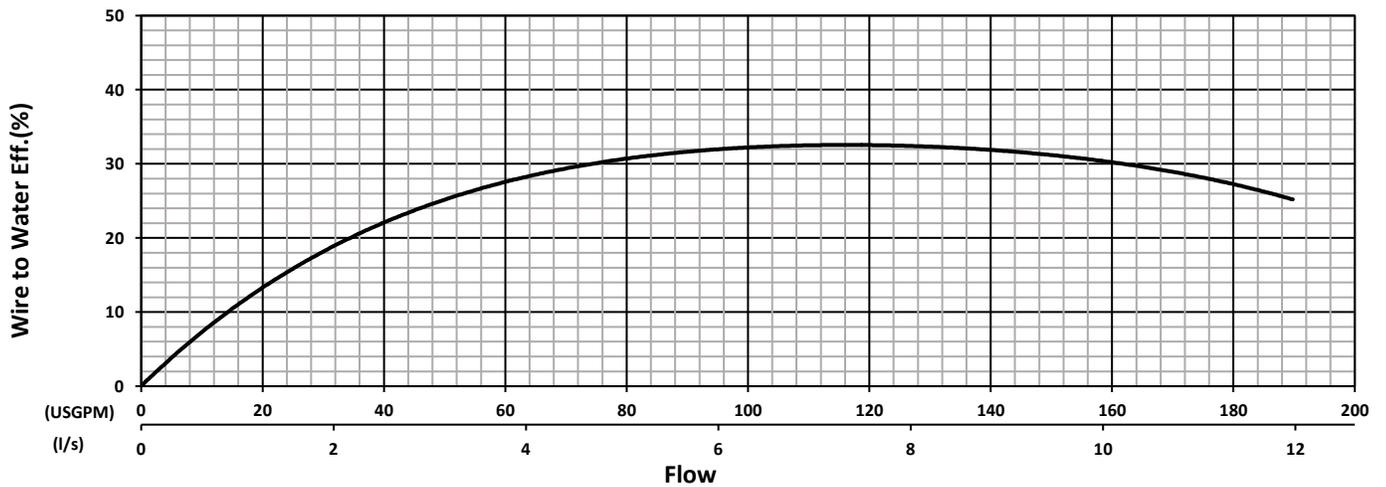
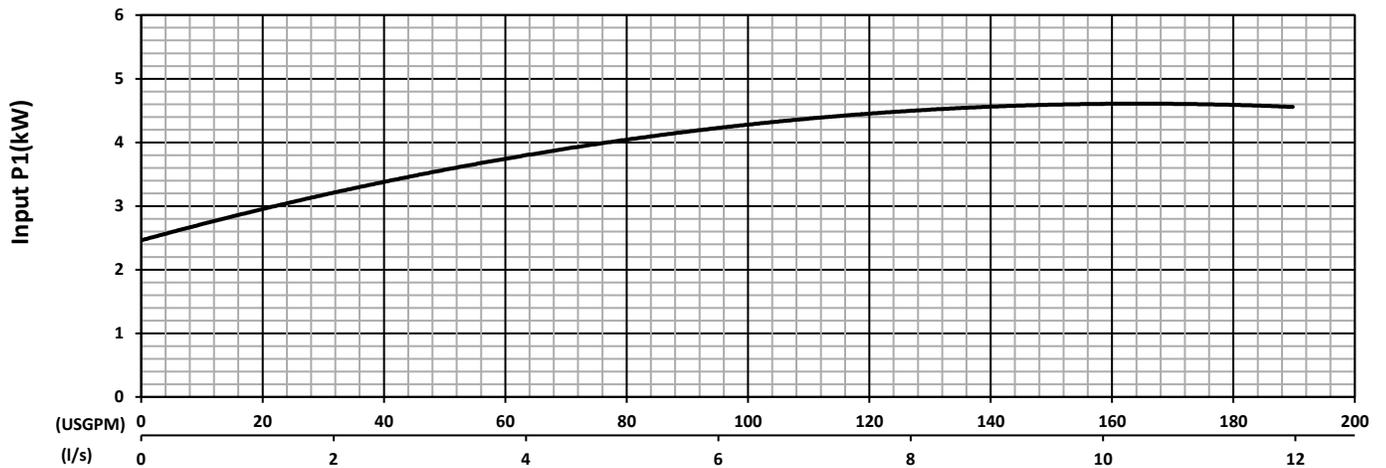
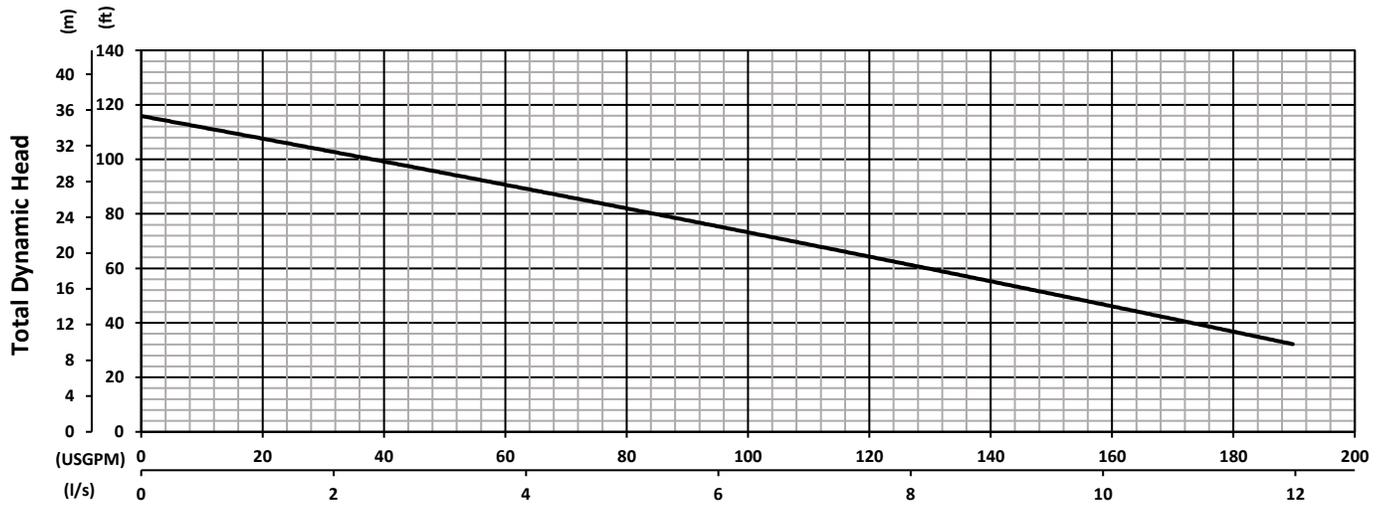
DS-C36-006

Rev:

1

Date:

7/23/2025



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

37HSS - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	147mm

Specifications subject to change without notice