

 INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® XP-SKG37C		
	Dwg:	DS-C39-001	Rev:	2	Date:	8/14/2025

GENERAL DATA

APPROVALS:	EXPLOSION PROOF FM APPROVED CLASS1, DIVISION 1, GROUP C & D	
MAX. FLOW:	370 GPM (1400.6 L/min)	
MAX. HEAD:	46' (14m)	
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths	
PUMP TYPE	AXIAL & RADIAL SHREDDER	
MINIMUM SUBMERSION DEPTH: FOR CONT. DUTY ¹	29" (737 mm)	
IMPELLER DIAMETER:	7.13" (181.1 mm)	
DISCHARGE SIZE	3" NPT-FEMALE	
SLIDE RAIL SYSTEM	3" Non-Sparking	
PUMP WEIGHT (without cable):	216 lbs (98 kg)	
SHIPPING WEIGHT:	260 lbs (118 kg)	

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/CERAMIC, BUNA-N
LOWER MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, BUNA-N
MOTOR HOUSING	304 SS
PUMP VOLUTE	CAST IRON
SUCTION COVER	HI-CHROME
IMPELLER	HI-CHROME
CUTTER COMPONENTS	440C SS
STAND	CAST IRON
LIP SEAL & O-RINGS	BUNA-N
ROTOR SHAFT	316 SS
EXTERNAL HARDWARE	304 SS
BALL BEARING: PERM. LUBE. UPPER	6304
BALL BEARING: PERM. LUBE. LOWER	6309

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	5, SUBMERSIBLE , (CONTINUOUS DUTY ¹)			
MOTOR RPM	1750			
MOTOR INSULATION CLASS	F			
MOTOR SERVICE FACTOR	1.15			
VOLTAGE - 60Hz	208V	230V	460V	575V
CURRENT F.L.A.	15	13.9	7	5.6
LOCKED ROTOR CURRENT (LRA)	75	69.5	35	28
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	Seal Minder® MOISTURE SENSING PROBE			
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)			

1 - Continuous duty motor - see minimum submersion depth above

2 - Seal fail and thermal sensor circuit must be properly connected for warranty validity

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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



INDUSTRIAL
FLOW
SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps XP-SKG37C

Dwg:

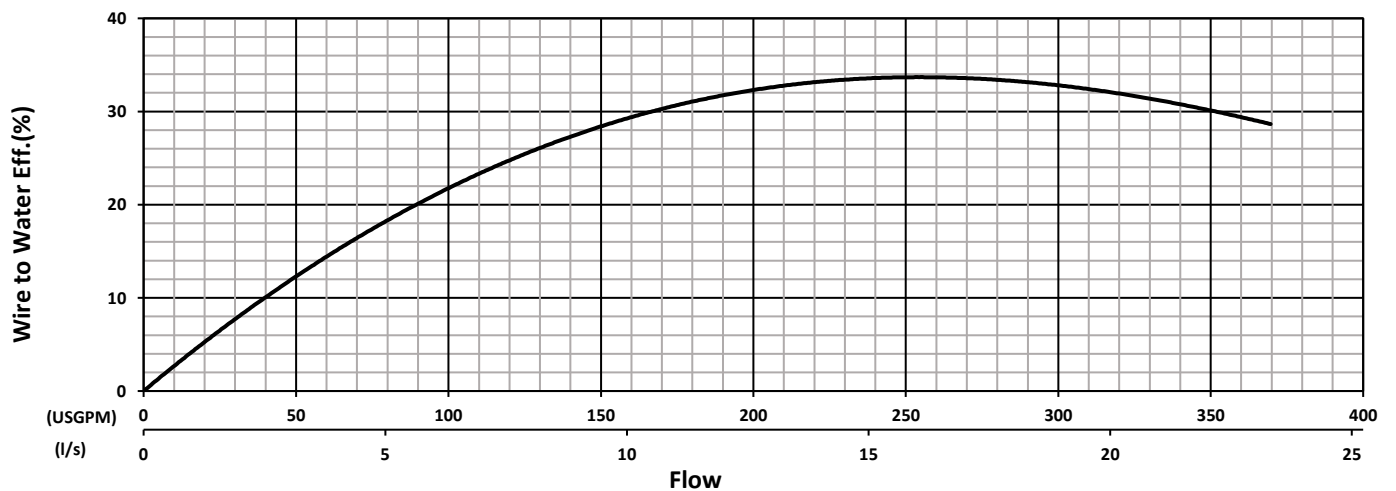
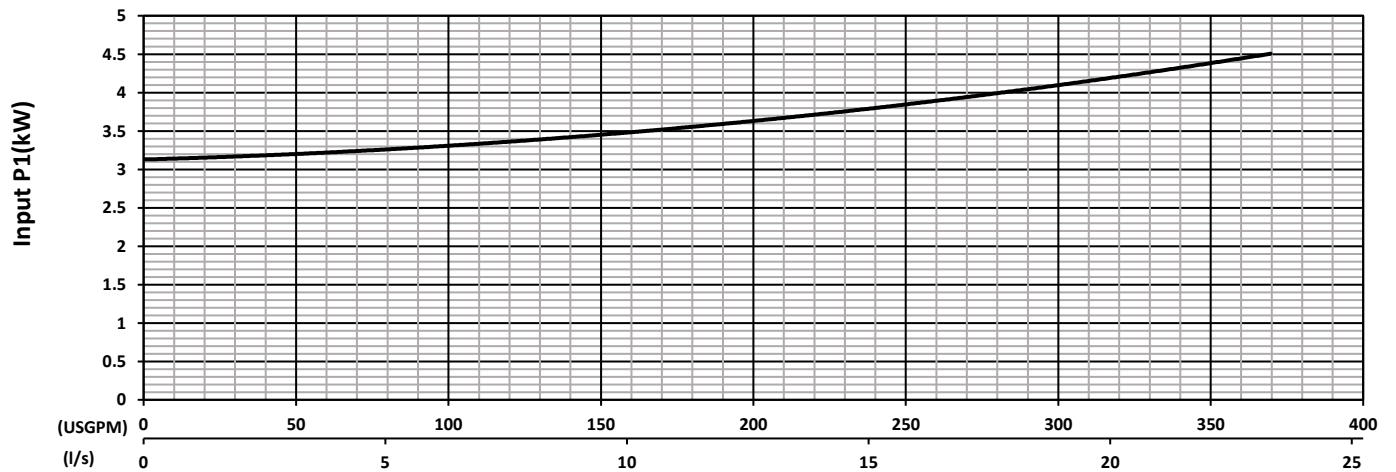
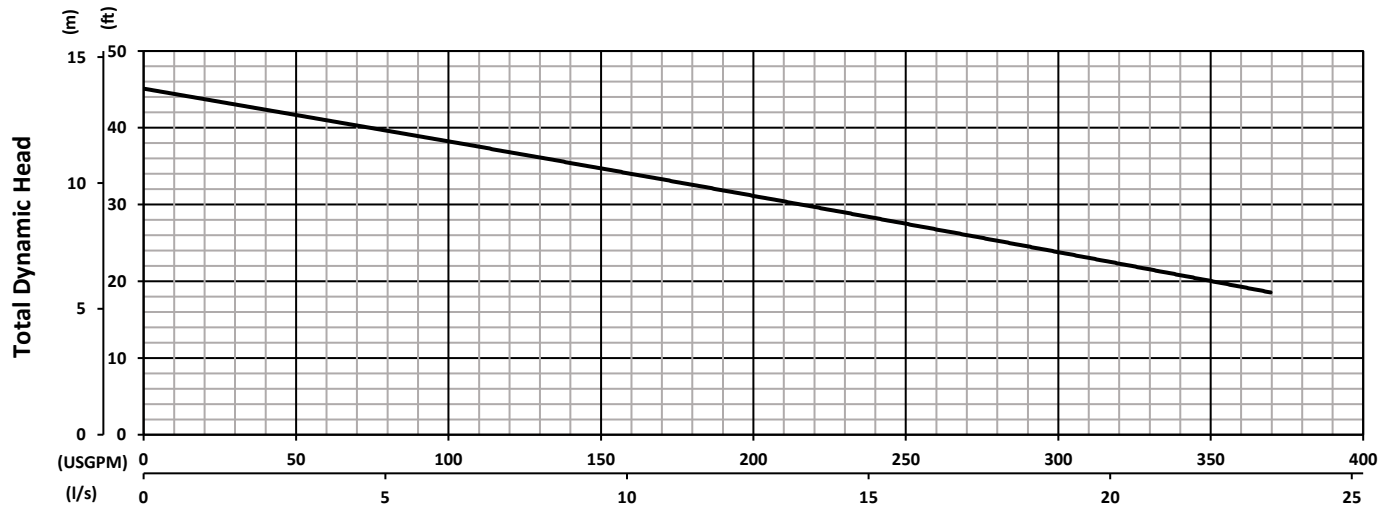
DS-C39-002

Rev:

2

Date:

6/20/2025



Flow

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

37C - Dual Units

Frequency 60 Hz
Pump Speed 1750 RPM
Impeller 181.1mm

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