



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® SKG37C

Dwg:

DS-C27-008

Rev:

1

Date:

8/11/2025

GENERAL DATA

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 ³	29.02" (737 mm)
IMPELLER DIAMETER:	7.13" (181.1 mm)
DISCHARGE SIZE	3" NPT-FEMALE
SLIDE RAIL SYSTEM	3"
PUMP WEIGHT (without cable):	185 lbs (84 kg)
SHIPPING WEIGHT:	236 lbs (107 kg)

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/CERAMIC, FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, FKM
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	304 SS
EXTERNAL HARDWARE	304 SS
BALL BEARING: PERM. LUBE. UPPER	6304 CLASS C3
BALL BEARING: PERM. LUBE. LOWER	6309 CLASS C3

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	5, SUBMERSIBLE , (CONTINUOUS DUTY ³)			
MOTOR RPM	1750			
MOTOR INSULATION CLASS	F			
MOTOR SERVICE FACTOR	1.15			
VOLTAGE - 60Hz ¹	208V	230V	460V	575V
CURRENT F.L.A.	14.7	14	7	5.5
LOCKED ROTOR CURRENT (LRA)	79	75	37.8	29.7
POWER CABLE: GAGE-LENGTH	AWG 12/4, 33' (10m) SOOW			
SENSOR CABLE: (OPTIONAL ²) GAGE-LENGTH	AWG 18/2, 33' (10m) SOOW			
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD			
SEAL LEAK DETECTOR (OPTIONAL ²)	Seal Minder® MOISTURE SENSING PROBE			
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)			

1 - Available in other voltages for 50Hz

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

3 - Continuous duty motor - see minimum submersion depth above

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PERFORMANCE CURVE

BJM Pumps SKG37C

Dwg:

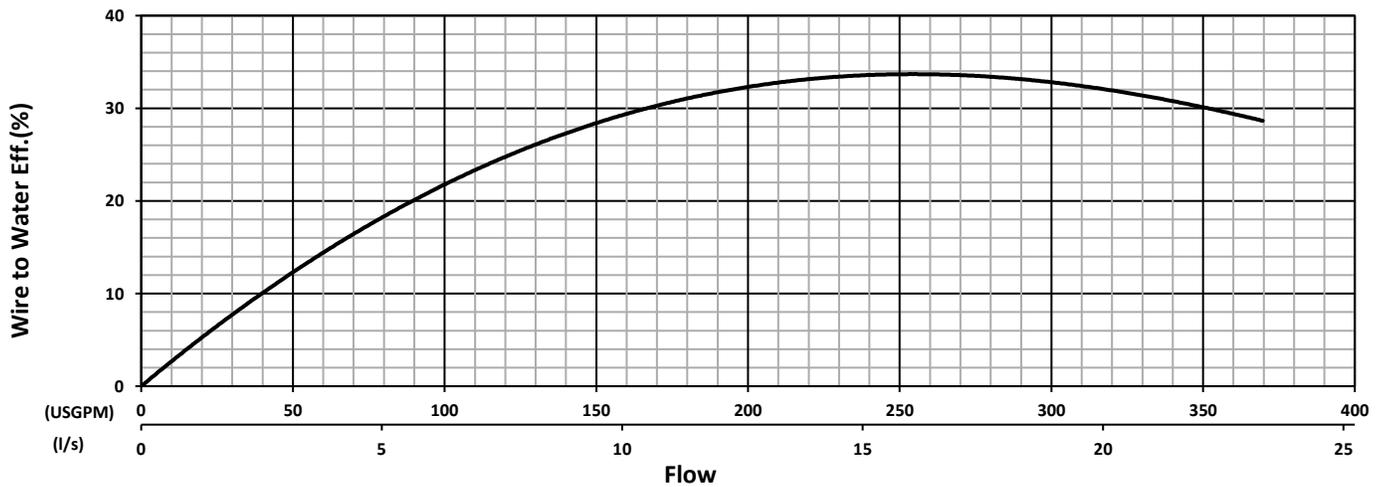
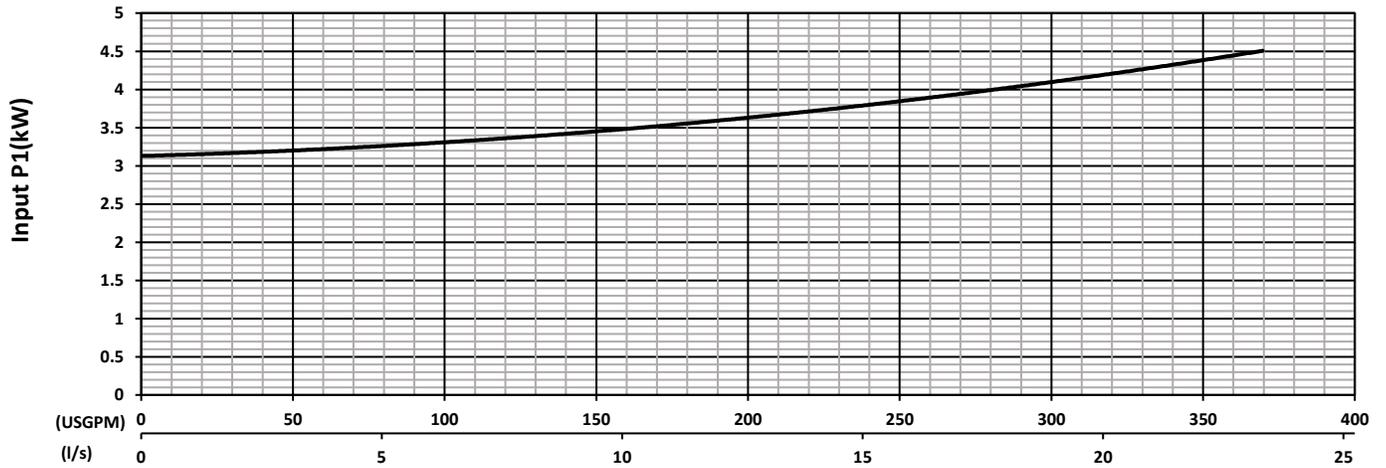
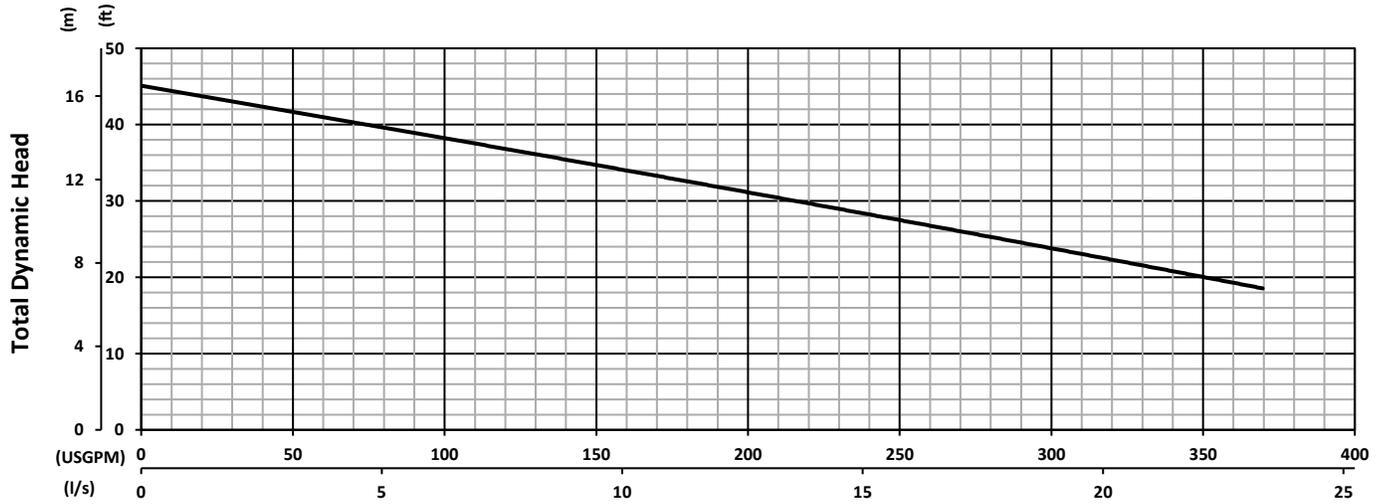
DS-C27-004

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1

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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

Specifications subject to change without notice