



INDUSTRIAL  
FLOW  
SOLUTIONS™

## TECHNICAL DATA

**BJM Pumps® SK37CF**

Dwg:

DS-C26-011

Rev:

1

Date:

8/25/2025

## GENERAL DATA

MAX. FLOW:	334 GPM (1264.3 L/min)
MAX. HEAD:	71' (21.6m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	NON CLOG SHREDDER HIGH TEMP
MINIMUM SUBMERSION DEPTH: FOR CONT. DUTY <sup>3</sup>	22.5" (572 mm)
SOLID SIZE:	1.6" (40.6 mm)
IMPELLER DIAMETER:	4.89" (124 mm)
DISCHARGE SIZE	4" NPT-FEMALE
SLIDE RAIL SYSTEM	3"
PUMP WEIGHT (without cable):	114 lbs (51.8 kg)
SHIPPING WEIGHT:	133 lbs (60.5 kg)

## CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/SILICON CARBIDE, FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, FKM
MOTOR HOUSING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER	DUCTILE IRON
IMPELLER SHREDDER BLADE	TUNGSTEN CARBIDE
LIP SEAL & O-RINGS	FKM
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
BALL BEARING: OIL LUBRICATED UPPER	6304
BALL BEARING: OIL LUBRICATED LOWER	6305

## ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	5, SUBMERSIBLE OIL FILLED, (CONT. DUTY <sup>3</sup> )			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	R, 428°F (220°C)			
MOTOR SERVICE FACTOR	1.15			
VOLTAGE - 60Hz <sup>1</sup>	208V	230V	460V	575V
CURRENT F.L.A.	14.7	14	7	5.5
LOCKED ROTOR CURRENT (LRA)	86.5	85	43	38
POWER CABLE: GAGE-LENGTH	AWG 10/4, 33' (10m) HIGH TEMP RATED CABLE			
SENSOR CABLE: <sup>2</sup> GAGE-LENGTH	AWG 18/4, 33' (10m) HIGH TEMP RATED CABLE			
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING PHASE, 300°F (149°C)			
SEAL LEAK DETECTOR <sup>2</sup>	Seal Minder® MOISTURE SENSING PROBE			
MAXIMUM LIQUID TEMPERATURE	200°F (93°C)			

1 - Available in other voltages for 50Hz

2 - Requires a seal fail circuit in control panel for warranty validity

3 - Continuous duty motor - see minimum submersion depth above

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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



INDUSTRIAL FLOW SOLUTIONS™

# PERFORMANCE CURVE

## BJM Pumps® SK37CF

Dwg:

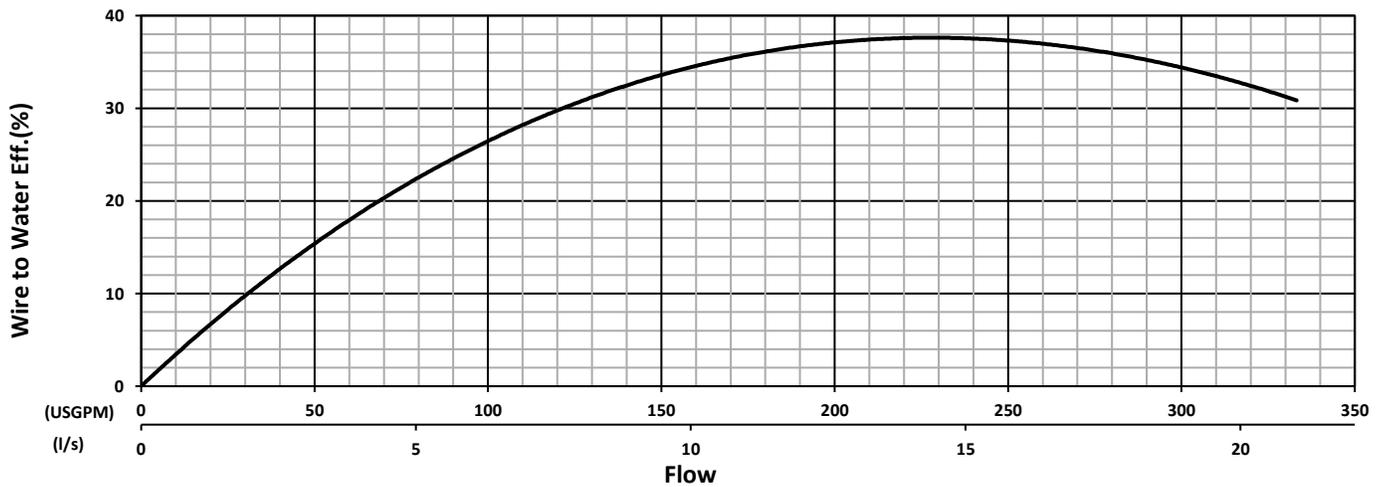
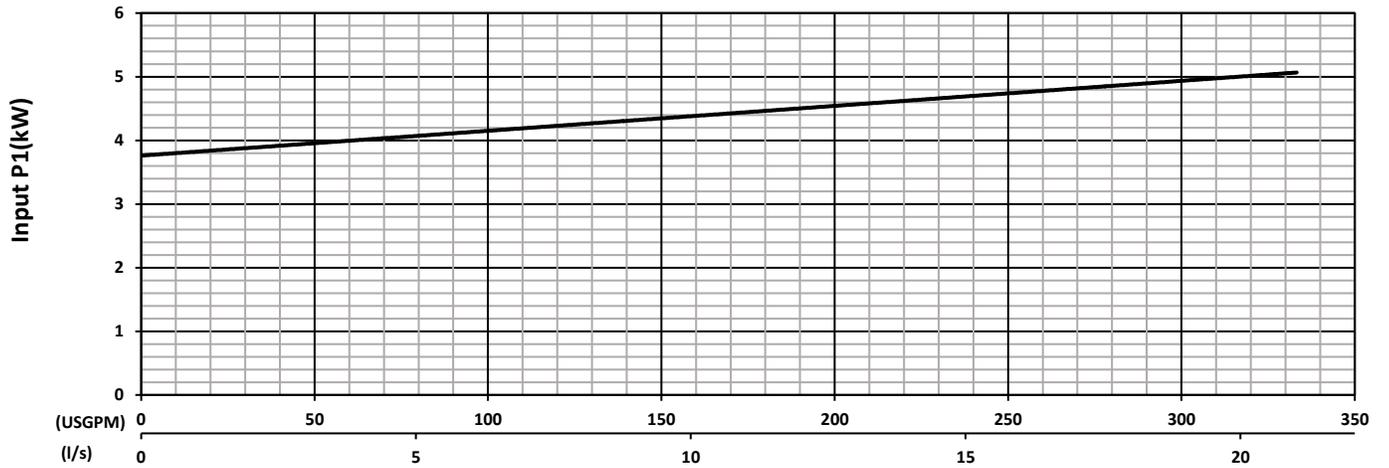
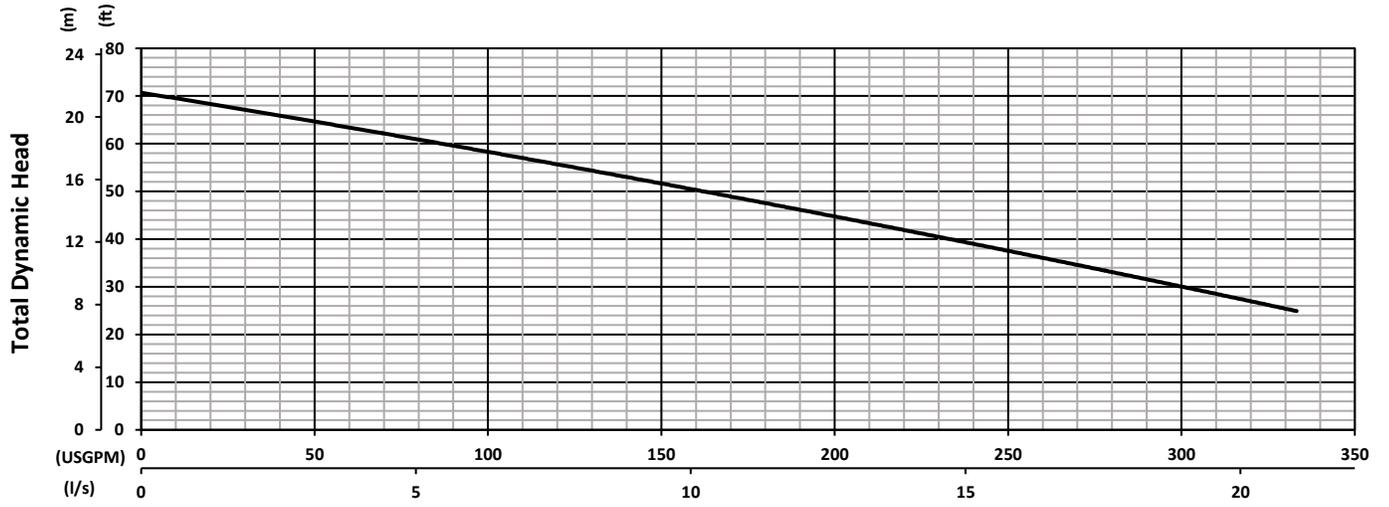
DS-C26-007

Rev:

1

Date:

6/24/2025



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

37CF - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	124mm

Specifications subject to change without notice