



INDUSTRIAL  
FLOW  
SOLUTIONS™

## TECHNICAL DATA

**BJM Pumps® SK15CF**

**Dwg:**

DS-C26-009

**Rev:**

1

**Date:**

8/26/2025

## GENERAL DATA

MAX. FLOW:	226 GPM (855.5 L/min)
MAX. HEAD:	42' (12.8m)
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>	20.5" (521 mm)
SOLID SIZE:	1.6" (40.6 mm)
IMPELLER DIAMETER:	4.26" (108 mm)
DISCHARGE SIZE	3" NPT-MALE
SLIDE RAIL SYSTEM	3"
PUMP WEIGHT (without cable):	80 lbs (36.4 kg)
SHIPPING WEIGHT:	89 lbs (40.5 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	6203
BALL BEARING: OIL LUBRICATED LOWER	6304

## ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	2, 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.	6.3	6	3	2.3
LOCKED ROTOR CURRENT (LRA)	44.6	44	22	15.5
POWER CABLE: GAGE-LENGTH	AWG 16/4, 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® SK15CF

Dwg:

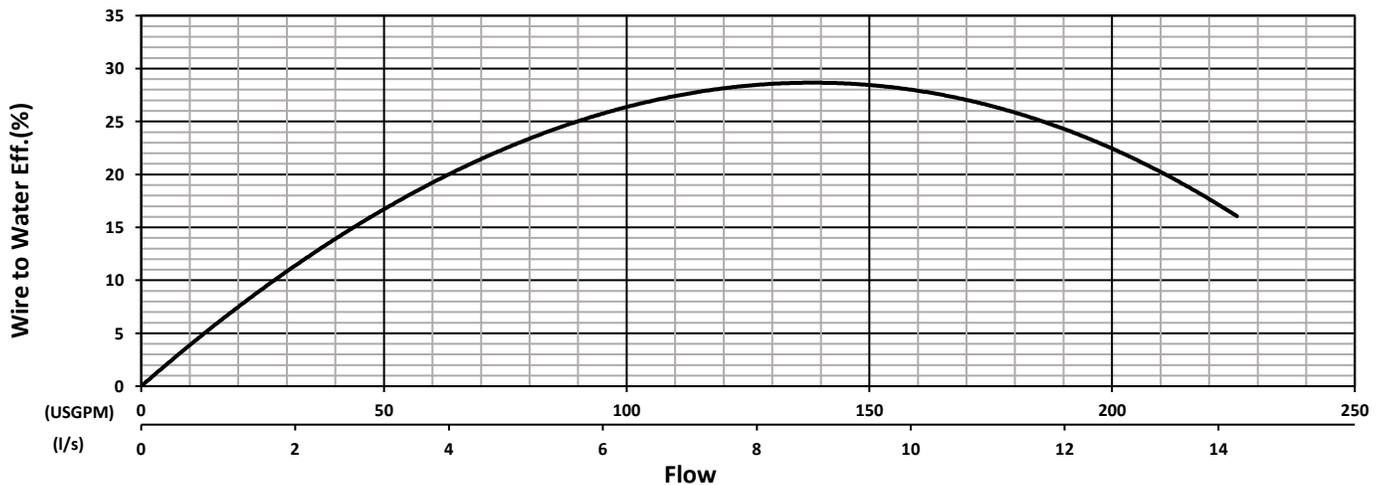
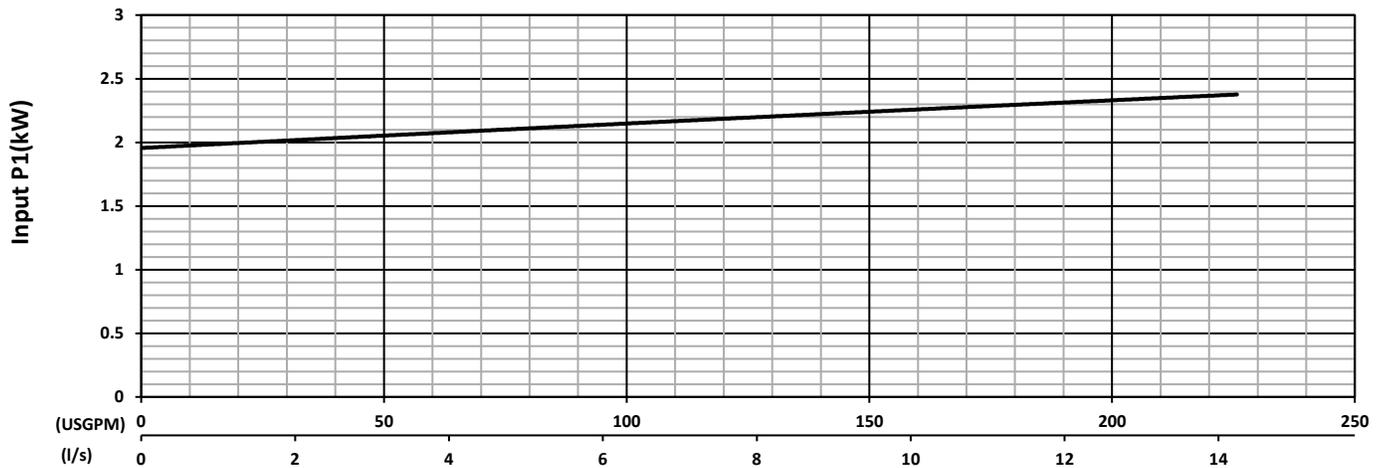
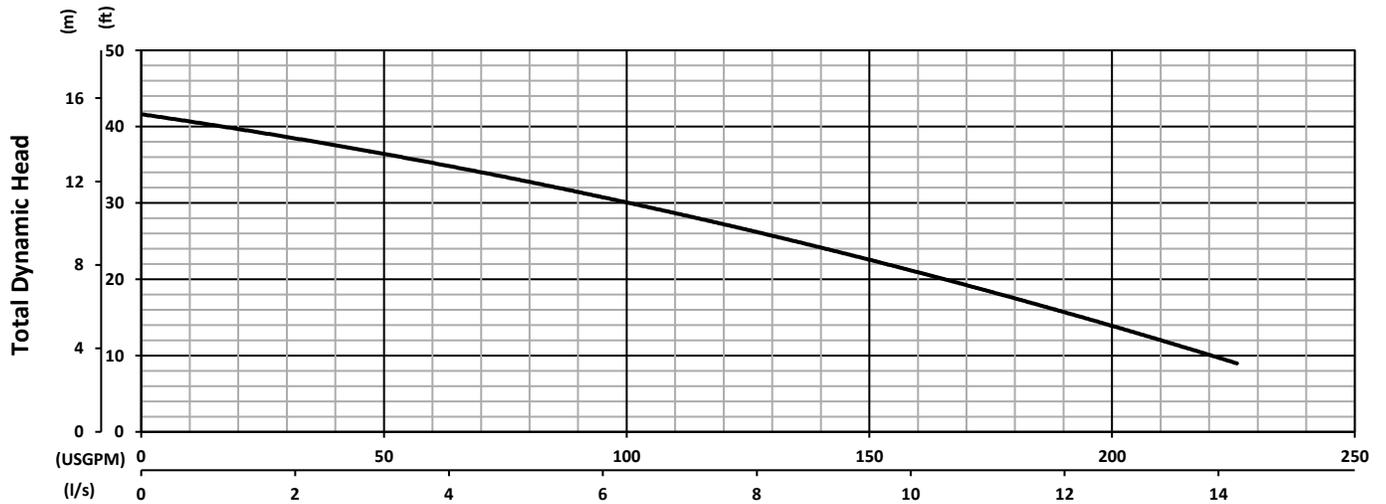
DS-C26-001

Rev:

2

Date:

6/24/2025



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

15CF - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	108mm

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