



INDUSTRIAL  
FLOW  
SOLUTIONS™

## TECHNICAL DATA

**BJM Pumps® SK1500CF**

**Dwg:**

DS-C26-015

**Rev:**

1

**Date:**

8/13/2025

## GENERAL DATA

MAX. FLOW:	255 GPM (965.3 LPM)
MAX. HEAD:	43' (13.1m)
MAX. SUBMERSION DEPTH:	65' (20 m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE:	SOLIDS HANDLING, NON-CLOG SHREDDER, HIGH TEMP
MINIMUM SUBMERSION DEPTH FOR CONT. DUTY <sup>3</sup> :	14.02" (356 mm)
IMPELLER DIAMETER:	4.25" (108 mm)
DISCHARGE SIZE:	3" NPT-MALE
SLIDE RAIL SYSTEM	3" CAST IRON
PUMP WEIGHT (without cable):	90 lbs (41 kg)
SHIPPING WEIGHT:	110 lbs (50 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
BEARING, OIL LUBRICATED, UPPER:	6203
BEARING, OIL LUBRICATED, LOWER:	6304

## ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	2, SUBMERSIBLE OIL FILLED, (CONTINUOUS DUTY <sup>3</sup> )
MOTOR RPM	3450
MOTOR INSULATION CLASS	R, 428°F (220°C)
MOTOR SERVICE FACTOR	1.15
VOLTAGE - 1PH - 60Hz <sup>1</sup>	230V
CURRENT F.L.A.	16
LOCKED ROTOR CURRENT (LRA)	65
POWER CABLE: GAGE-LENGTH	AWG 14/4, 50' (15m) HIGH TEMP RATED CABLE
SENSOR CABLE: <sup>2</sup> GAGE-LENGTH	AWG 18/4, 50' (15m) HIGH TEMP RATED CABLE
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING PHASE, 300°F (149°C)
START COMPONENTS	CAPACITOR & START RELAY IN CONTROL PANEL
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 seal fail and thermal circuit in control panel for warranty validity.

3 - Continuous duty motor - see minimum submersion depth above.

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# PERFORMANCE CURVE

## BJM Pumps® SK1500CF

Dwg:

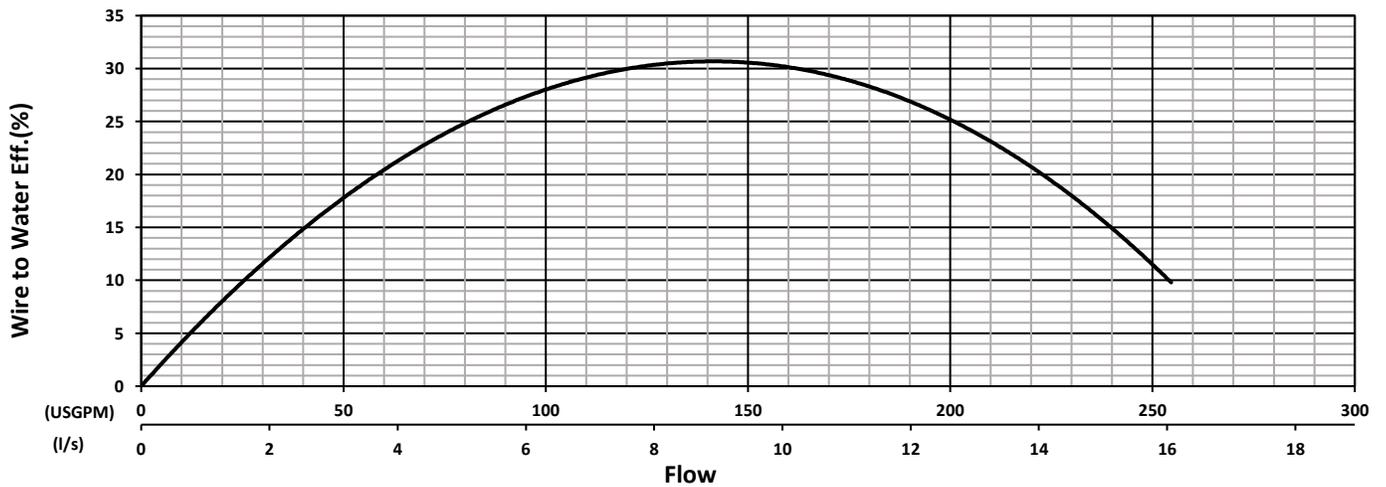
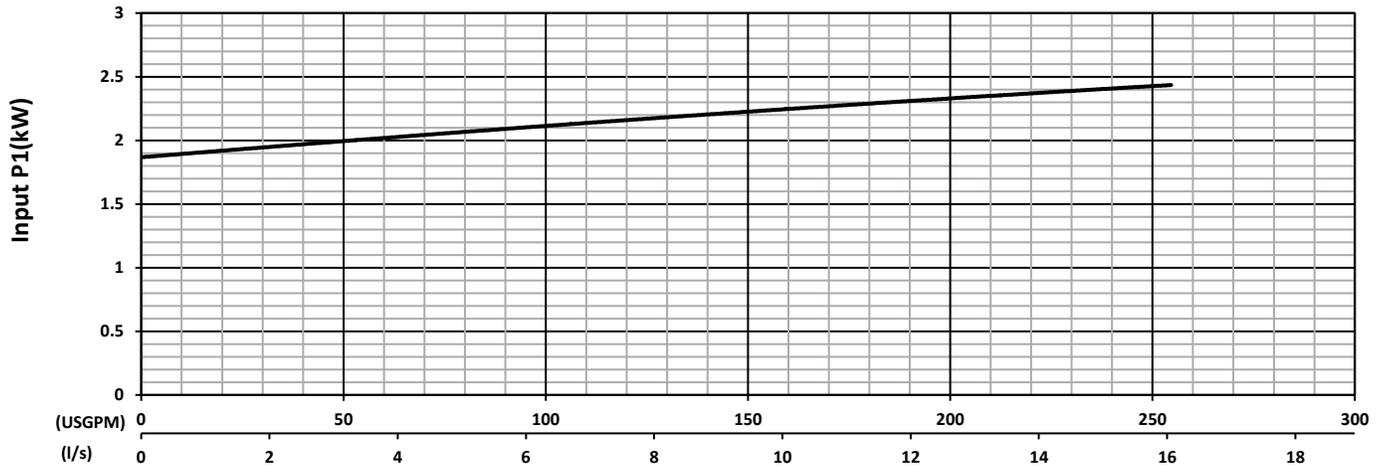
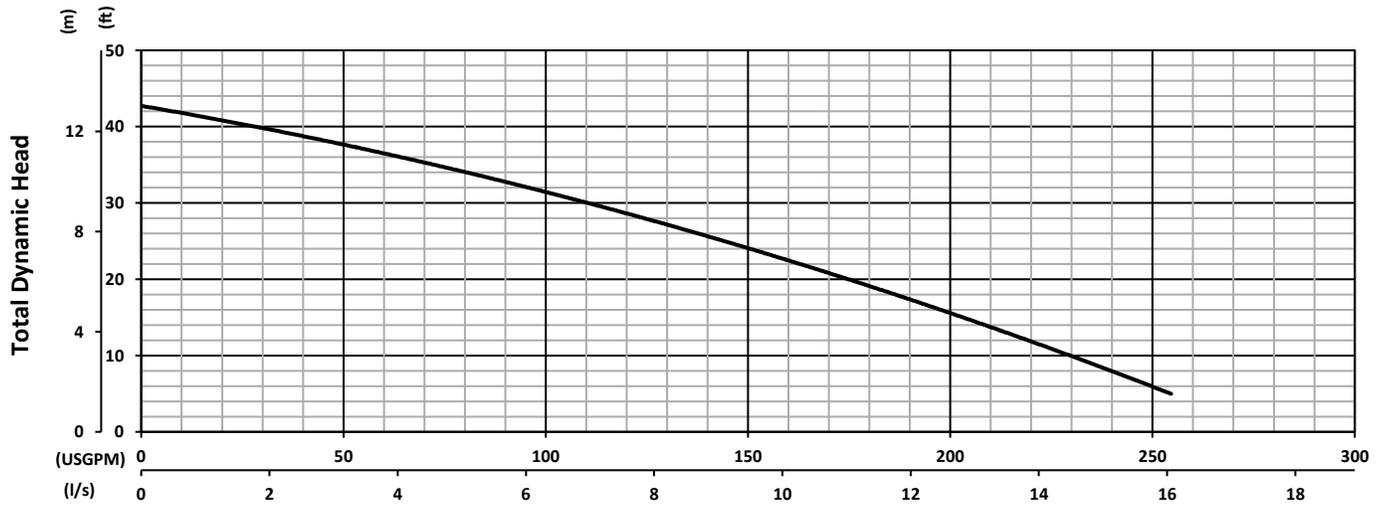
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Test Standard : HI 11.6 Gr 3B  
Tested with water at 20°C

1500CF - Dual Units

Frequency 60 Hz  
Pump Speed 3450 RPM  
Impeller 108mm

Specifications subject to change without notice