

INDUSTRIAL
FLOW
SOLUTIONS™**TECHNICAL DATA****BJM Pumps® SK150C****Dwg:**

DS-C25-011

Rev:

2

Date:

8/25/2025

GENERAL DATA

MAX. FLOW:	874 GPM (3308.4 L/min)
MAX. HEAD:	105' (32m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	NON CLOG SHREDDER
MINIMUM SUBMERSION DEPTH: FOR CONT. DUTY ³	37.6" (955 mm)
SOLID SIZE:	3.5" (89 mm)
IMPELLER DIAMETER:	10.9" (276 mm)
DISCHARGE SIZE	6" ANSI SLIP WELD FLANGE
SLIDE RAIL SYSTEM	6"
PUMP WEIGHT (without cable):	535 lbs (242.7 kg)
SHIPPING WEIGHT:	631 lbs (286.4 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	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
BALL BEARING: PERM. LUBE. UPPER	6306
BALL BEARING: PERM. LUBE. LOWER	6309 (x2)

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	20, SUBMERSIBLE , (CONTINUOUS DUTY ³)	
MOTOR RPM	1750	
MOTOR INSULATION CLASS	H	
MOTOR SERVICE FACTOR	1.10	
VOLTAGE - 60Hz ¹	460V	575V
CURRENT F.L.A.	25.7	19.8
LOCKED ROTOR CURRENT (LRA)	148	128
POWER CABLE: GAGE-LENGTH	AWG 8/4, 33' (10m) SOOW	
SENSOR CABLE: ² GAGE-LENGTH	AWG 18/2, 33' (10m) STJ	
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD	
SEAL LEAK DETECTOR 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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Industrial Flow Solutions Operating, LLC • 104 John W Murphy Drive, New Haven, CT 06513, USA

(860) 631-3618 • www.flowsolutions.com

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



INDUSTRIAL
FLOW
SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps® SK150

Dwg:

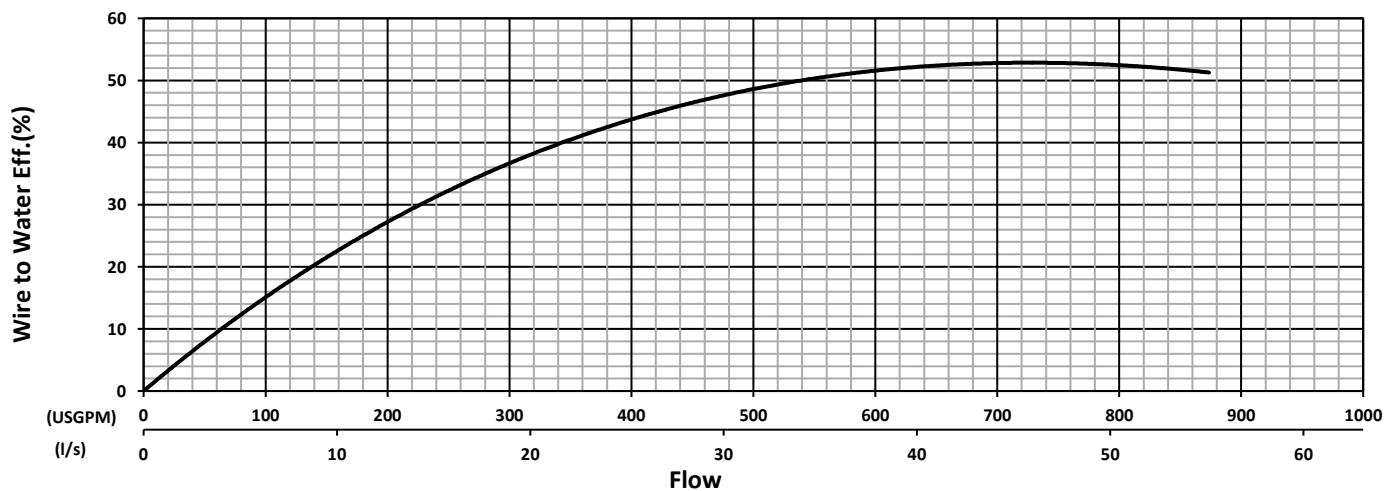
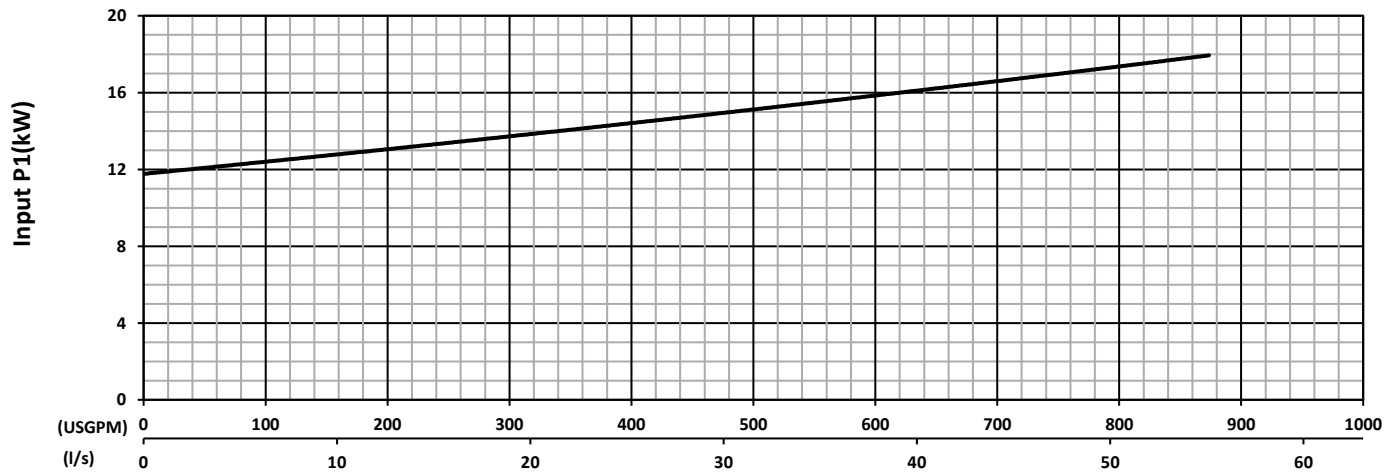
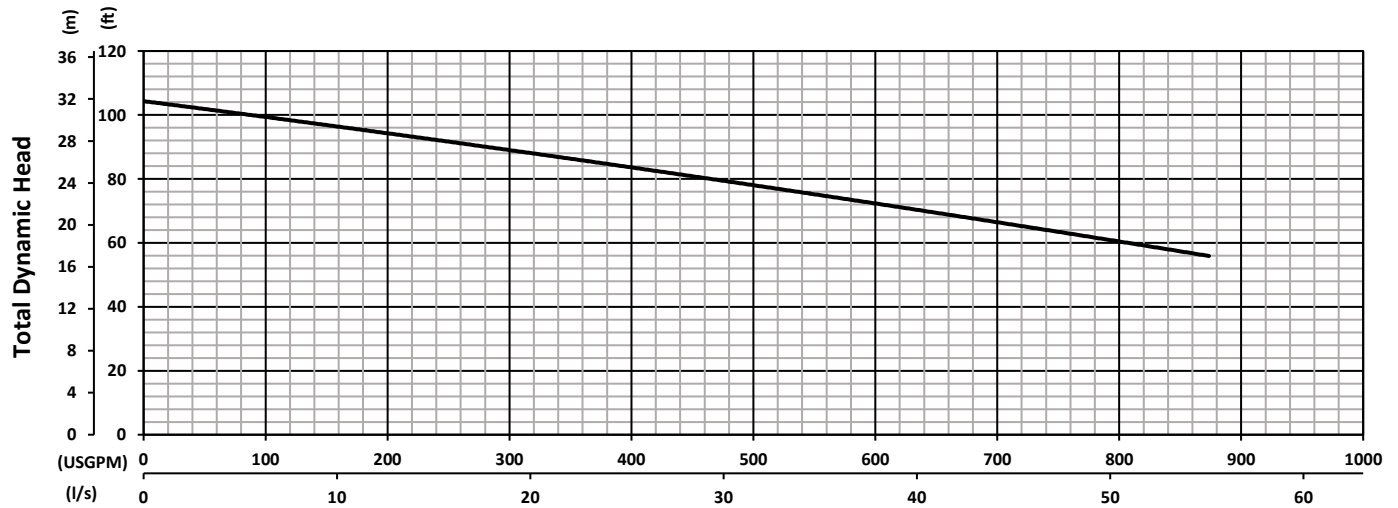
DS-C25-013

Rev:

1

Date:

6/20/2025



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

150 - Dual Units

Frequency
Pump Speed
Impeller

60 Hz
1750 RPM
276mm

Specifications subject to change without notice