

 INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® SK1500C		
	Dwg:	DS-C25-004	Rev:	2	Date:	8/13/2025

GENERAL DATA

MAX. FLOW:	255 GPM (965.2 L/min)
MAX. HEAD:	43' (13.1m)
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	14" (356 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):	90 lbs (41 kg)
SHIPPING WEIGHT:	100 lbs (45.5 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	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
BALL BEARING: PERM. LUBE. UPPER	6203
BALL BEARING: PERM. LUBE. LOWER	6304

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	2, SUBMERSIBLE , (CONTINUOUS DUTY ³)
MOTOR RPM	3450
MOTOR INSULATION CLASS	F
MOTOR SERVICE FACTOR	1.15
VOLTAGE - 1PH - 60Hz ¹	230
CURRENT F.L.A.	14
LOCKED ROTOR CURRENT (LRA)	65
POWER CABLE: GAGE-LENGTH	AWG 14/3, 33' (10m) STOW
SENSOR CABLE: ² GAGE-LENGTH	AWG 18/2, 33' (10m) STOW
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

©2025 Industrial Flow Solutions Operating, LLC. All rights reserved.

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® SK1500C

Dwg:

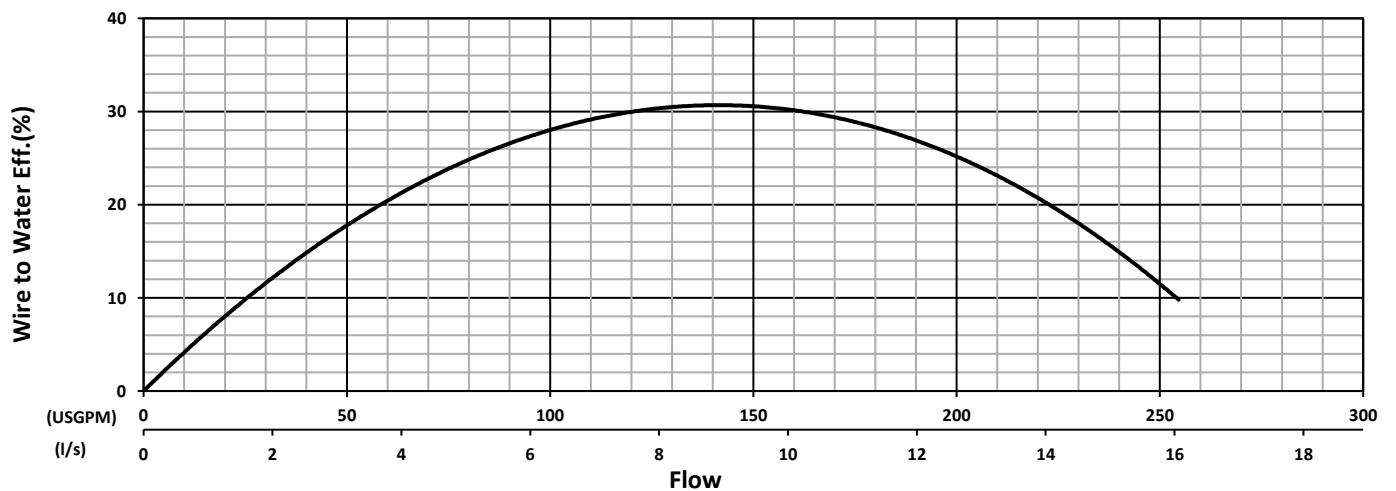
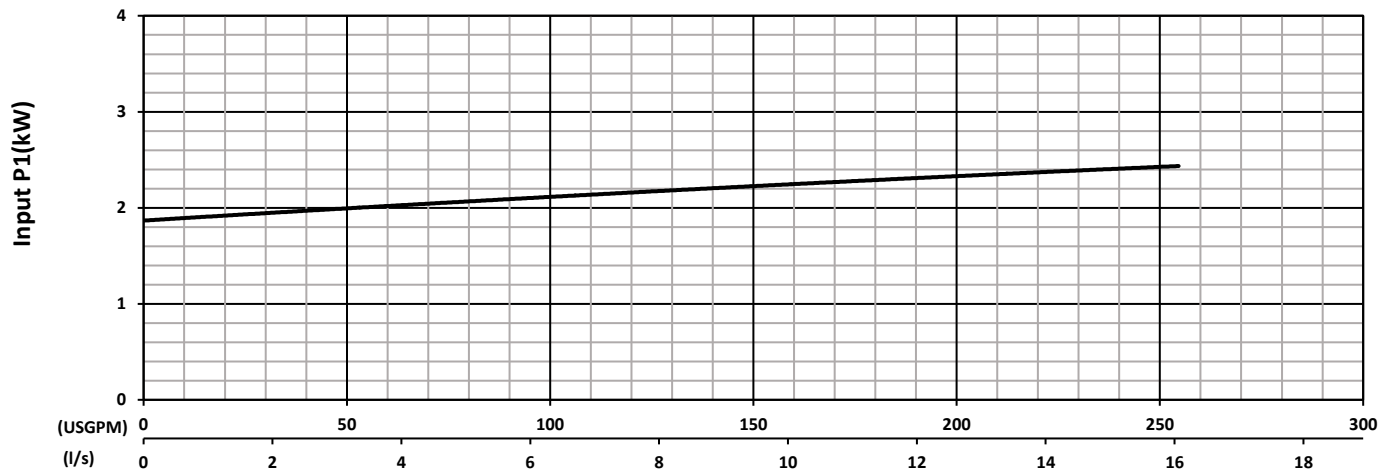
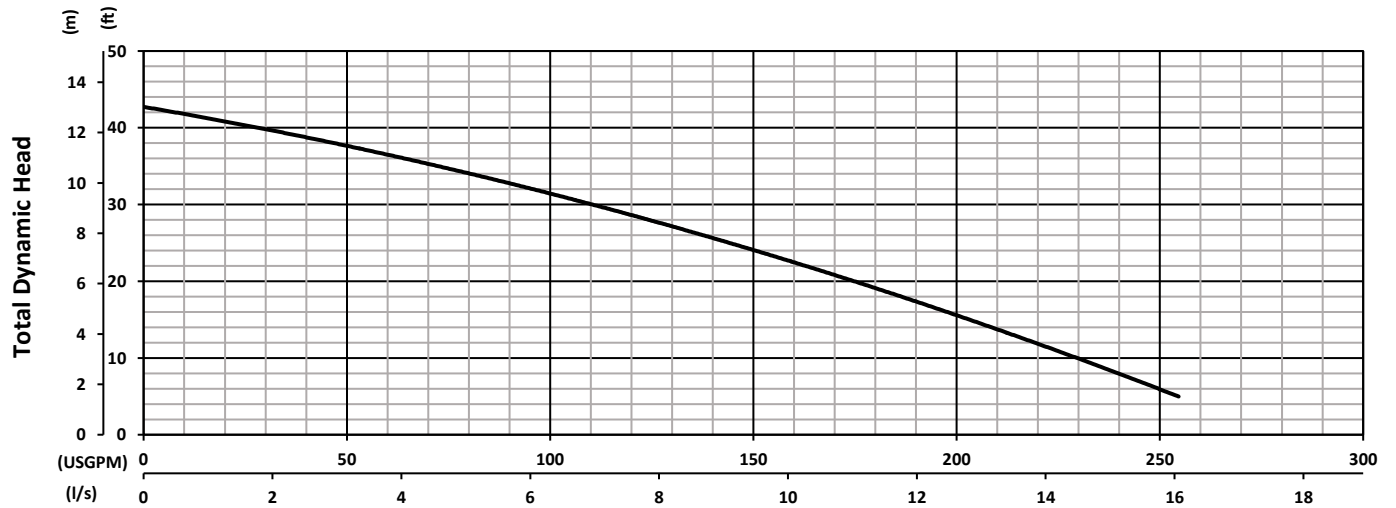
DS-C25-017

Rev:

1

Date:

8/1/2025



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

1500C - Dual Units

Frequency
Pump Speed
Impeller

60 Hz
3450 RPM
108mm

Specifications subject to change without notice