



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® SK15C

Dwg:

DS-C25-005

Rev:

1

Date:

6/5/2024

GENERAL DATA

MAX. FLOW:	220 GPM (832.8 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:	20.5" (520.7 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/CERAMIC FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/SILICON CARBIDE FKM
MOTOR CASING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER	HEAT TREATED DUCTILE IRON
IMPELLER SHREDDER BLADE	TUNGSTEN CARBIDE
LIP SEAL & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN SEAL CHAMBER	7.8 US FL OZ. (230 CC)
BALL BEARING: PERM. LUBE. UPPER	6203
BALL BEARING: PERM. LUBE. LOWER	6304

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 2 (CONTINUOUS DUTY ²)			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	F			
MOTOR SERVICE FACTOR	1.1			
VOLTAGE ¹ - 60 Hz	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), STOW			
SENSOR CABLE: GAGE; LENGTH	AWG 18/2, 33' (10m), SJT			
MOTOR PROTECTION	THERMAL & AMP OVERLOAD			
SEAL LEAK DETECTOR ³	Seal Minder® MOISTURE SENSING PROBE			
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)			

1 - Available in other voltages for 50Hz

2 - Continuous duty motor - see minimum submersion depth above

3 - Requires a seal fail circuit in control panel for warning signal

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INDUSTRIAL
FLOW
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PERFORMANCE CURVE

BJM Pumps SK15

Dwg:

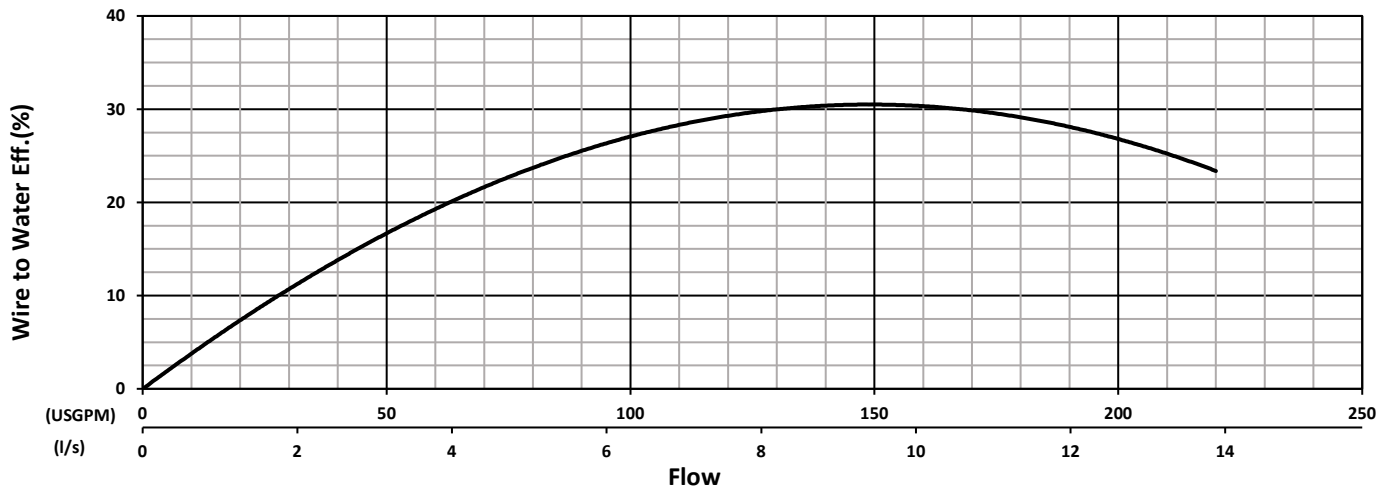
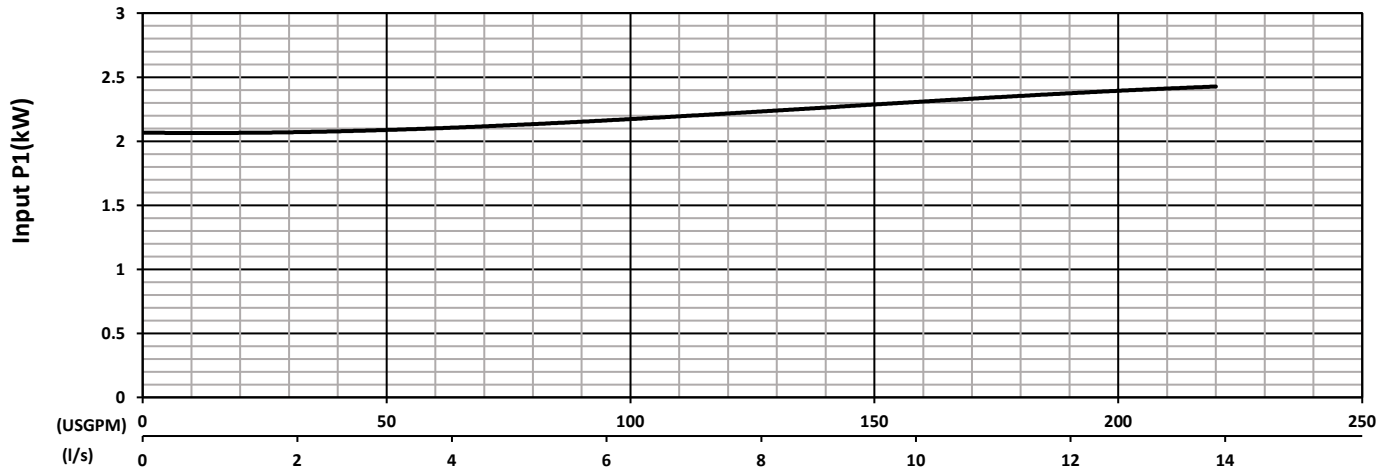
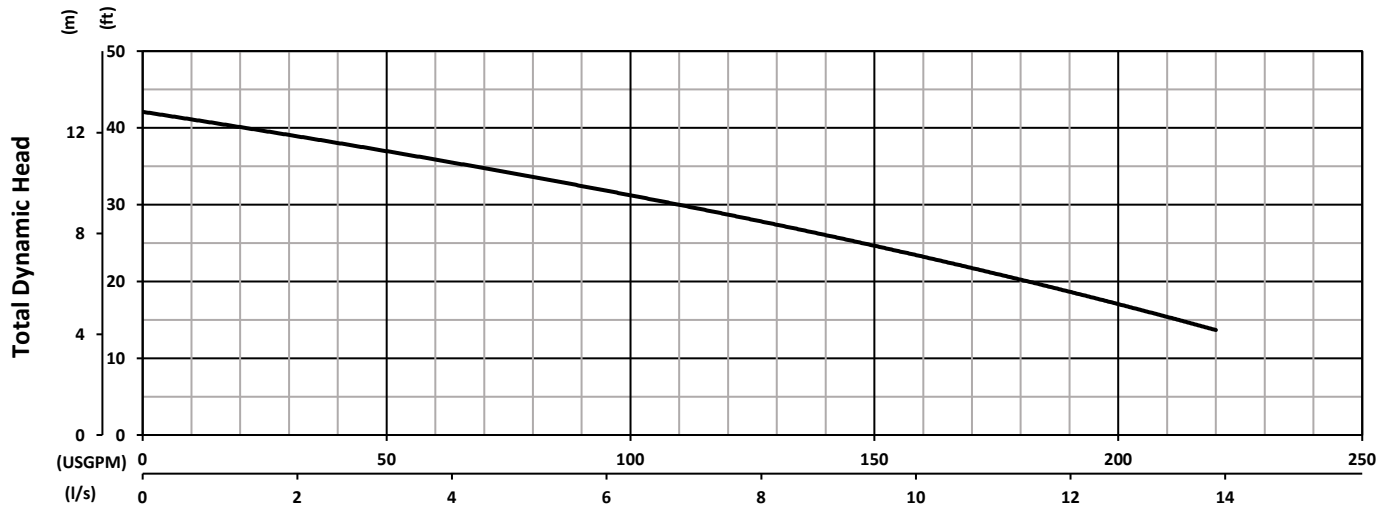
DS-C25-001

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1

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8/18/2023



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

15 - Dual Units

Frequency 60 Hz
Pump Speed 3450 RPM
Impeller 108mm

Specifications subject to change without notice