



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® SK08CF

Dwg:

DS-C26-005

Rev:

1

Date:

11/18/2024

GENERAL DATA

MAX. FLOW:	88 GPM (333.1 L/min)
MAX. HEAD:	50' (15.2m)
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:	11.03" (280 mm)
SOLID SIZE:	2" (50 mm)
IMPELLER DIAMETER:	4.34" (110 mm)
DISCHARGE SIZE	2" NPT-MALE
SLIDE RAIL SYSTEM	2"
PUMP WEIGHT, without cable:	58 lbs (26.4 kg)
SHIPPING WEIGHT:	68 lbs (31 kg)

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/SILICON CARBIDE FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/SILICON CARBIDE FKM
MOTOR CASING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER	HIGH CHROME
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)
QTY. OIL IN MOTOR CHAMBER	32 US FL OZ. (946 CC)
BALL BEARING: PERM. LUBE. UPPER	6203
BALL BEARING: PERM. LUBE. LOWER	6304

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 1, CONTINUOUS DUTY, OIL FILLED			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	R, 428°F (220°C)			
MOTOR SERVICE FACTOR	1.1			
VOLTAGE - 60 Hz	208V	230V	460V	575V
CURRENT F.L.A.	3.5	3.2	1.6	1.3
LOCKED ROTOR CURRENT (LRA)	18.15	18	9	8
POWER CABLE: GAGE; LENGTH	AWG 16/4, 33' (10m), HIGH TEMP. RATED CABLE			
SENSOR CABLE: GAGE; LENGTH	AWG 18/4, 33' (10m), HIGH TEMP. RATED CABLE			
MOTOR PROTECTION	THERMAL SENSORS EMBEDDED IN WINDINGS			
SEAL LEAK DETECTOR ¹	Seal Minder® MOISTURE SENSING PROBE			
MAXIMUM LIQUID TEMPERATURE	200°F (93°C)			

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

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INDUSTRIAL FLOW SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps® SK08F

Dwg:

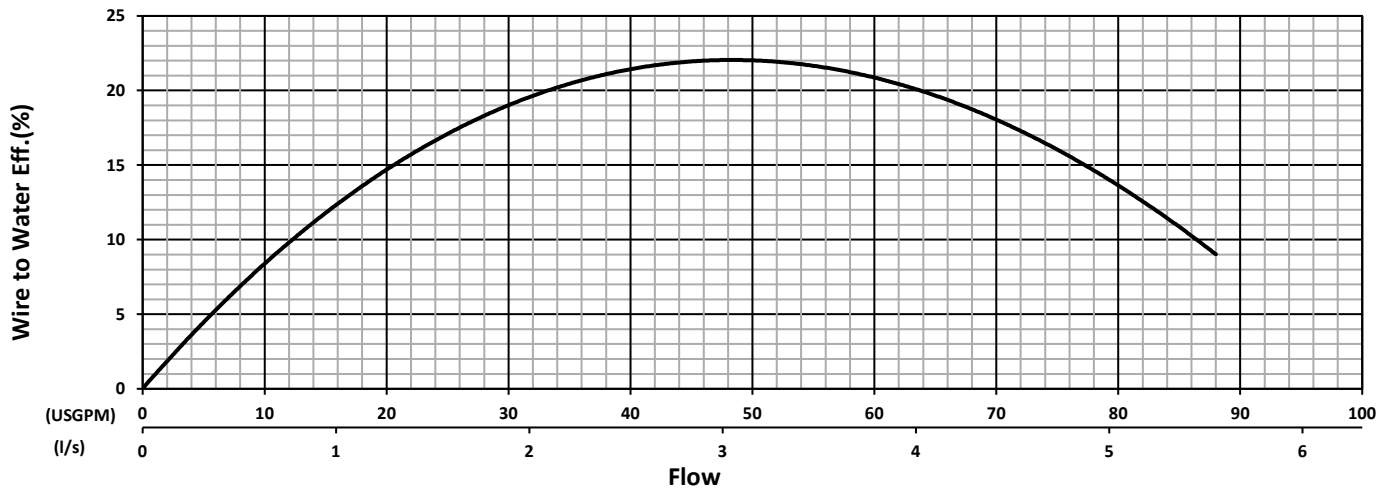
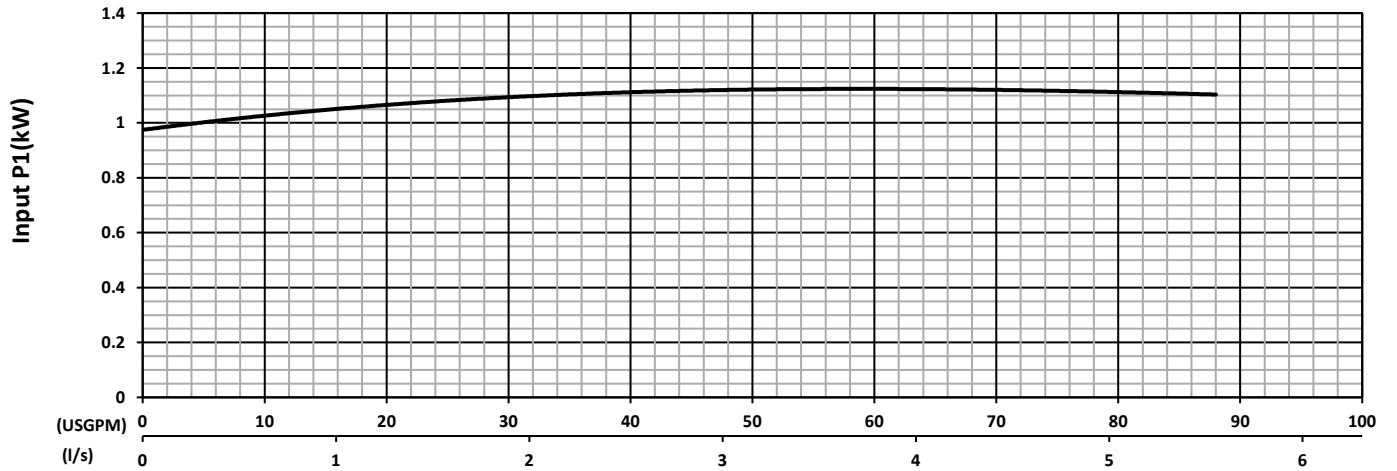
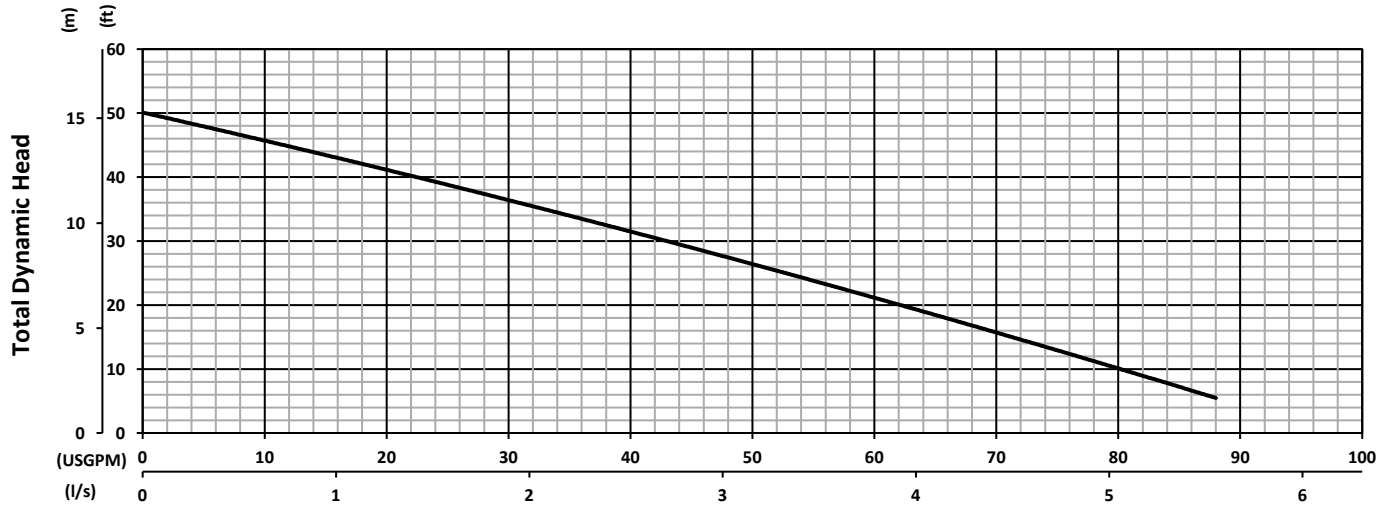
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Test Standard : HI 11.6 Gr 3B
Tested with water at 20°C

08F - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	110mm

Specifications subject to change without notice