

 INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® SK110C		
	Dwg:	DS-C25-010	Rev:	1	Date:	6/5/2024

GENERAL DATA

MAX. FLOW:	846 GPM (3202.5 L/min)
MAX. HEAD:	95' (29m)
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:	35.6" (904.24 mm)
SOLID SIZE:	3.5" (88.9 mm)
IMPELLER DIAMETER:	10.04" (255 mm)
DISCHARGE SIZE	6" ANSI SLIP WELD FLANGE
SLIDE RAIL SYSTEM	6"
PUMP WEIGHT, without cable:	510 lbs (231.4 kg)
SHIPPING WEIGHT:	606 lbs (275 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	87.9 US FL OZ. (2600 CC)
BALL BEARING: PERM. LUBE. UPPER	6306
BALL BEARING: PERM. LUBE. LOWER	6309 x 2

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 15 (CONTINUOUS DUTY ²)	
MOTOR RPM	1750	
MOTOR INSULATION CLASS	H	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE ¹ - 60 Hz	460V	575V
CURRENT F.L.A.	19.8	13.7
LOCKED ROTOR CURRENT (LRA)	110	85
POWER CABLE: GAGE; LENGTH	AWG 8/4, 33' (10m), SOOW	
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
SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps SK110C

Dwg:

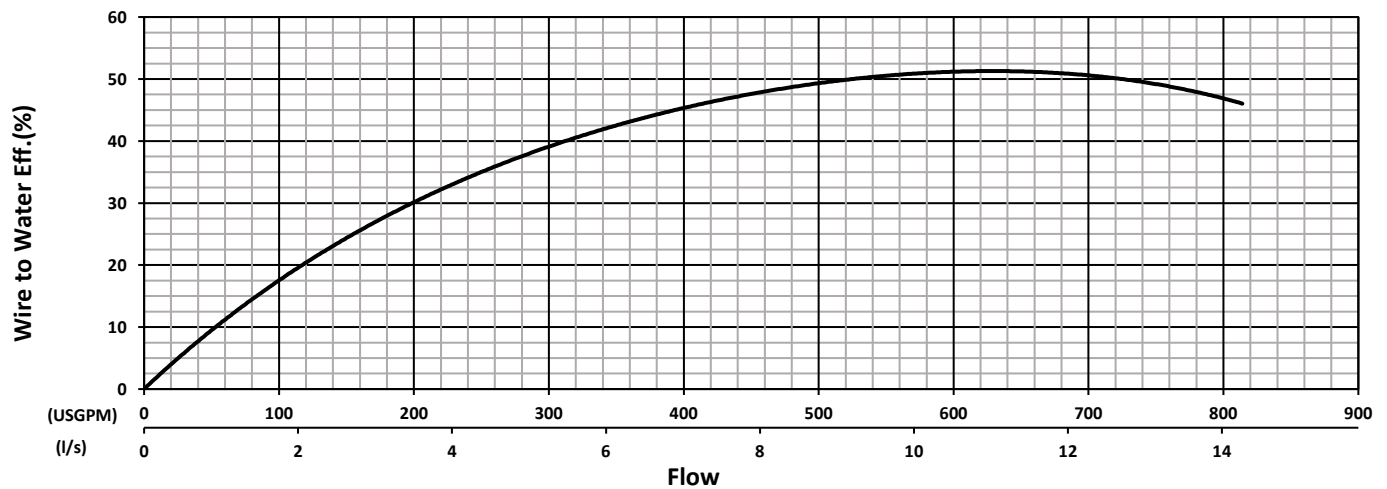
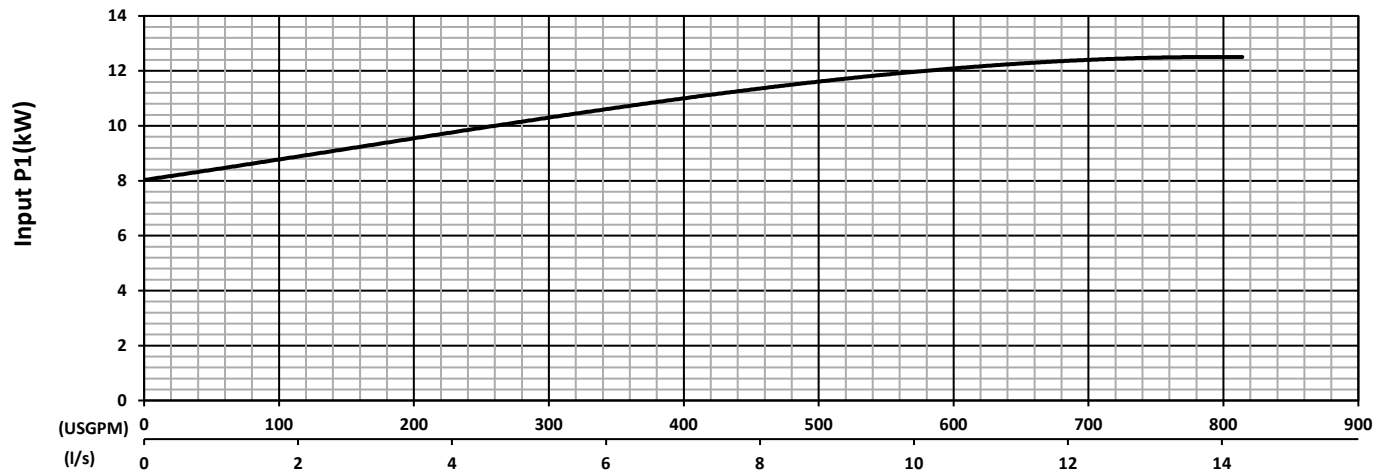
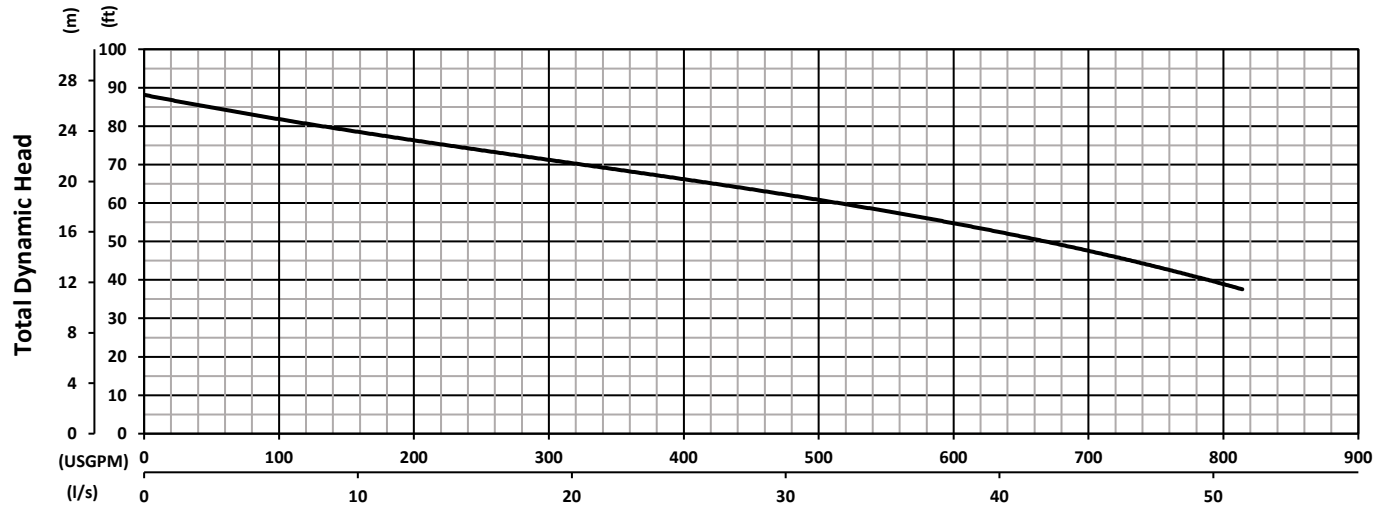
DS-C25-012

Rev:

1

Date:

4/9/2025



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

110C - Dual Units

Frequency 60 Hz
Pump Speed 1750 RPM
Impeller 255mm

Specifications subject to change without notice