

 INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® SK110C		
	Dwg:	DS-C25-010	Rev:	2	Date:	8/25/2025

GENERAL DATA

MAX. FLOW:	787 GPM (2979.1 L/min)
MAX. HEAD:	90' (27.4m)
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	35.8" (909 mm)
SOLID SIZE:	3.5" (89 mm)
IMPELLER DIAMETER:	10" (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/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	15, 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.	19.8	13.7
LOCKED ROTOR CURRENT (LRA)	110	85
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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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



INDUSTRIAL
FLOW
SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps® SK110C

Dwg:

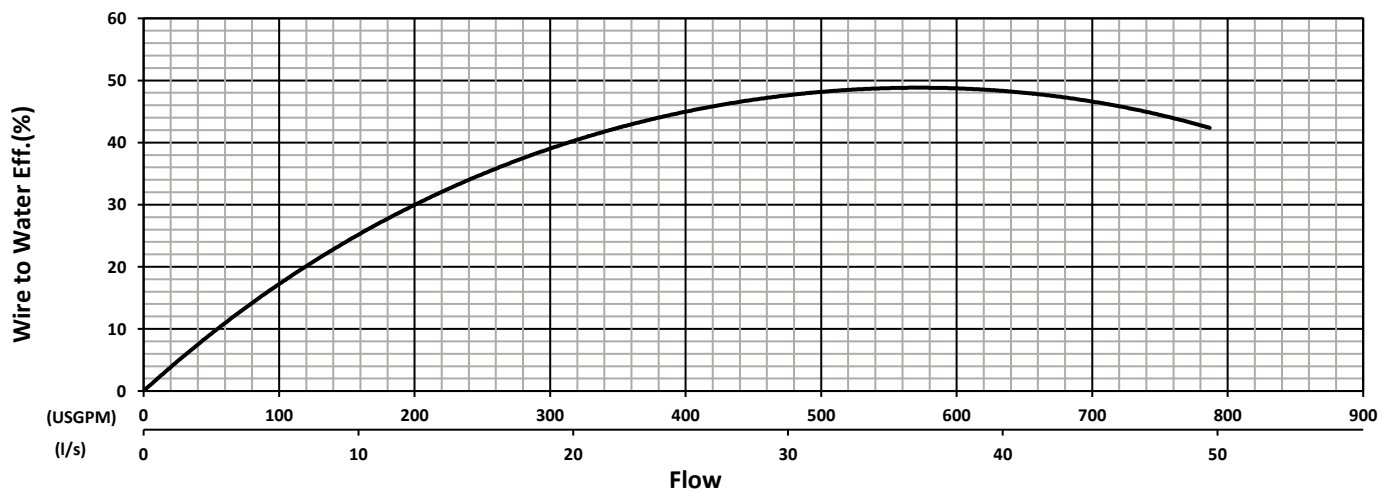
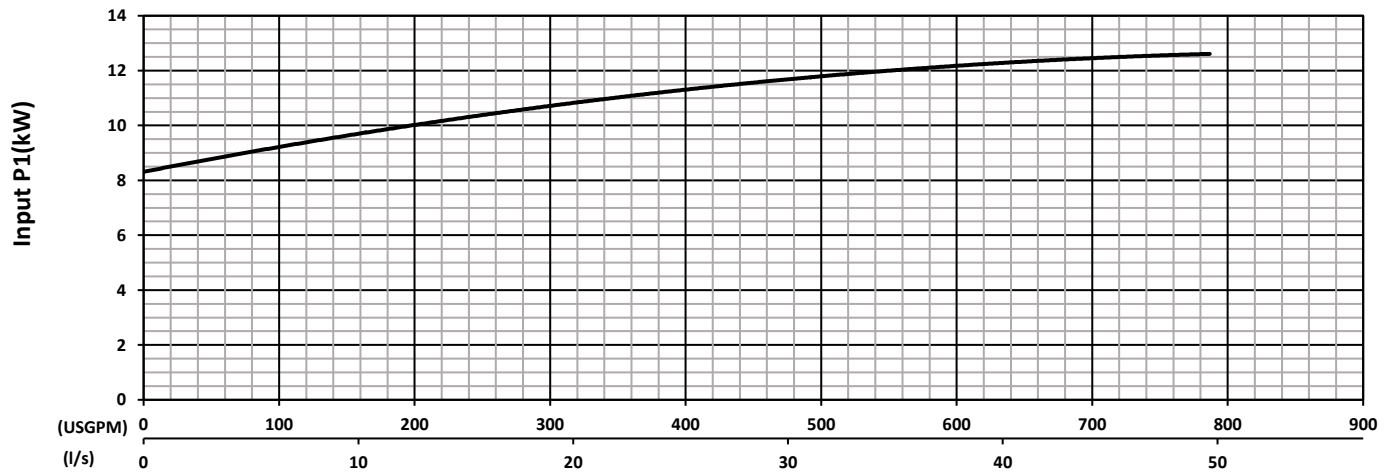
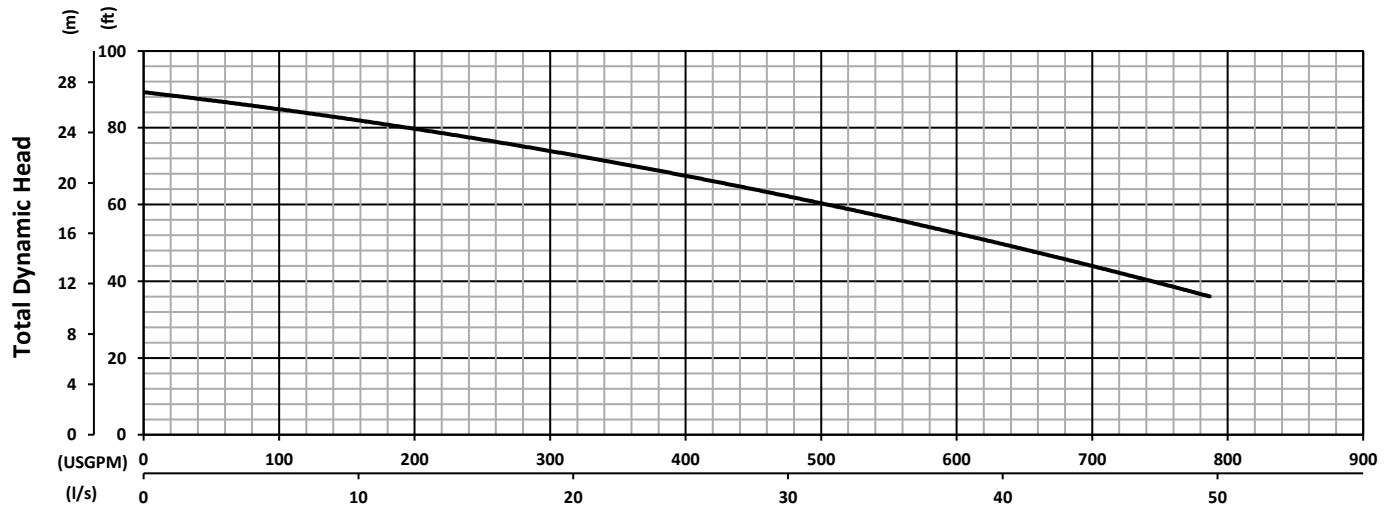
DS-C25-012

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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

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