



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® SKX110CSSF

Dwg:

DS-C30-013

Rev:

1

Date:

8/29/2025

GENERAL DATA

MAX. FLOW:	787 GPM (2979.1 LPM)
MAX. HEAD:	90' (27.4m)
MAX. SUBMERSION DEPTH:	65' (20 m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE:	SOLIDS HANDLING, NON-CLOG SHREDDER, HIGH TEMP
MINIMUM SUBMERSION DEPTH FOR CONT. DUTY ³ :	26.5" (673.1 mm)
SOLID SIZE:	3.5" (89 mm)
IMPELLER DIAMETER:	10.04" (255 mm)
DISCHARGE SIZE:	6" ANSI FLANGE
SLIDE RAIL SYSTEM	6" STAINLESS STEEL
PUMP WEIGHT (without cable):	516.1 lbs (234.1 kg)
SHIPPING WEIGHT:	611.3 lbs (277.3 kg)

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/SILICON CARBIDE, FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, FKM
MOTOR HOUSING	316 SS
PUMP VOLUTE	316 SS
SUCTION COVER	316 SS
IMPELLER	316 SS
IMPELLER SHREDDER BLADE	TUNGSTEN CARBIDE
LIP SEAL & O-RINGS	FKM
ROTOR SHAFT	316 SS
EXTERNAL HARDWARE	316 SS
BEARING, OIL LUBRICATED, UPPER:	6306
BEARING, OIL LUBRICATED, LOWER:	6309 (x2)

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	15, SUBMERSIBLE OIL FILLED, (CONTINUOUS DUTY ³)	
MOTOR RPM	1750	
MOTOR INSULATION CLASS	R, 428°F (220°C)	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE - 3PH - 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) HIGH TEMP RATED CABLE	
SENSOR CABLE: ² GAGE-LENGTH	AWG 18/4, 33' (10m) HIGH TEMP RATED CABLE	
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING PHASE, 300°F (149°C)	
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 seal fail and thermal circuit in control panel for warranty validity.

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



INDUSTRIAL
FLOW
SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps® SKX110SSF

Dwg:

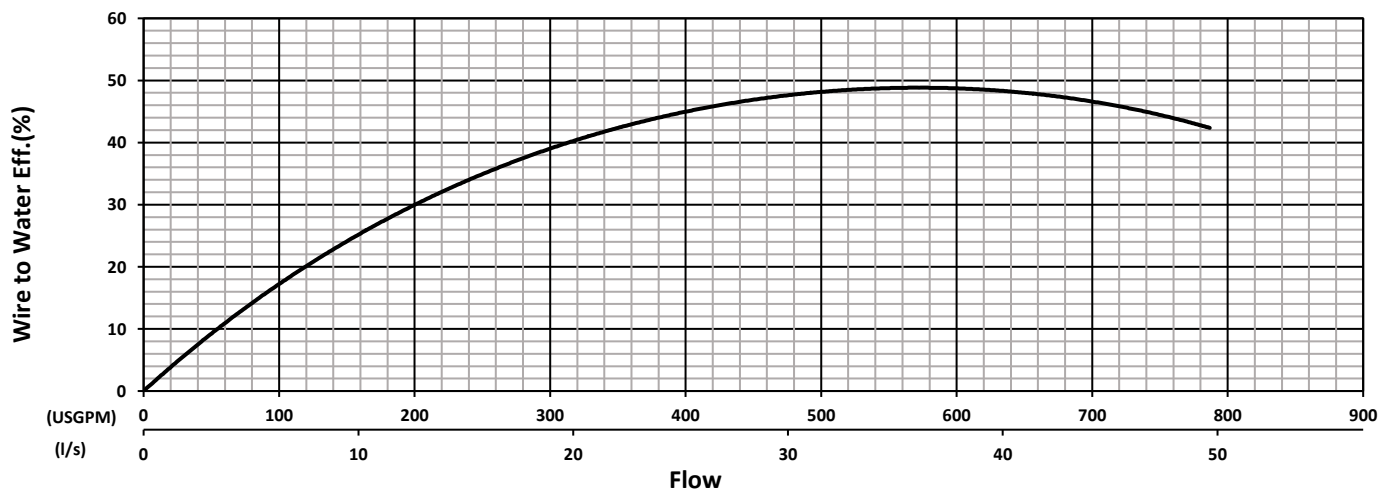
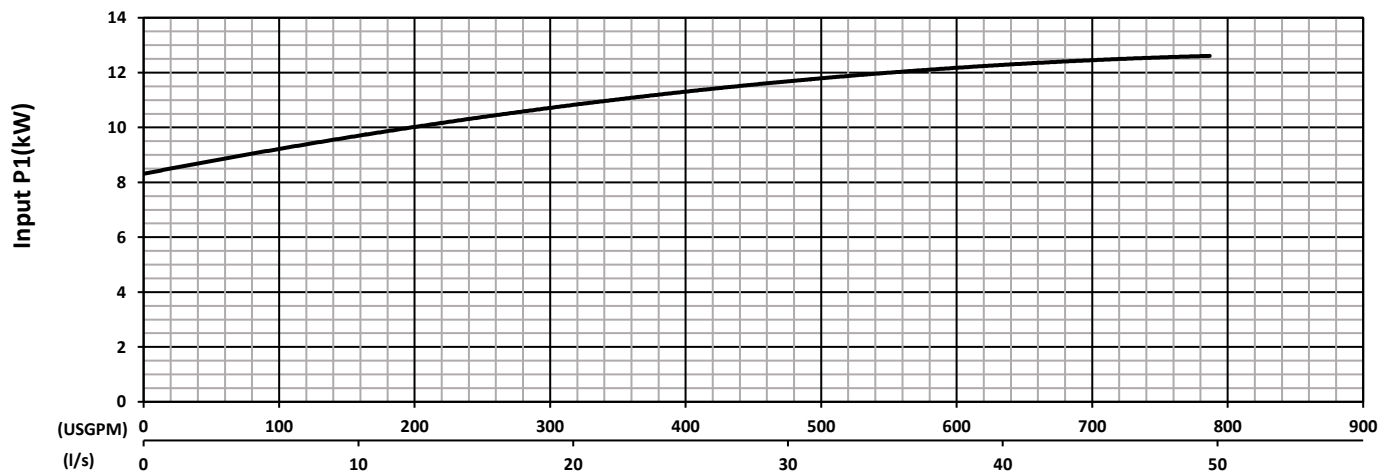
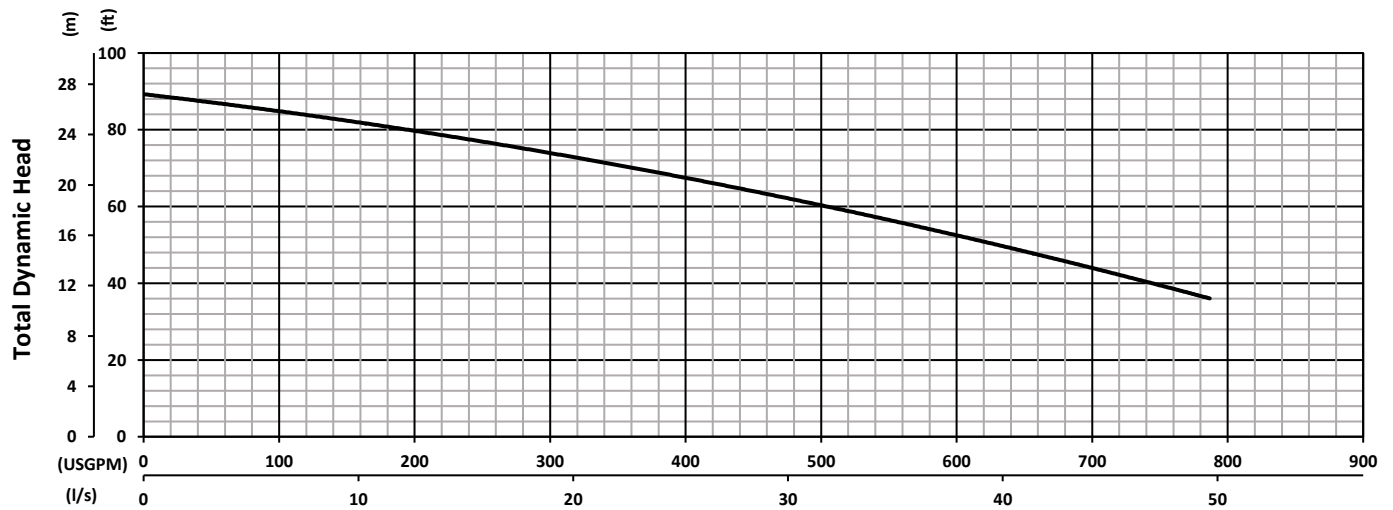
DS-C30-007

Rev:

1

Date:

6/20/2025



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

110SSF - Dual Units

Frequency 60 Hz
Pump Speed 1750 RPM
Impeller 255mm

Specifications subject to change without notice