



INDUSTRIAL  
FLOW  
SOLUTIONS™

## TECHNICAL DATA

**BJM Pumps® SKX15SSF**

**Dwg:**

DS-C30-004

**Rev:**

1

**Date:**

12/19/2024

## GENERAL DATA

MAX. FLOW:	220 GPM (832.8 L/min)
MAX. HEAD:	41' (12.5m)
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:	14" (333 mm)
SOLID SIZE:	1.6" (40.6 mm)
IMPELLER DIAMETER:	4.26" (108 mm)
DISCHARGE SIZE	3" NPT-MALE
SLIDE RAIL SIZE	3"
PUMP WEIGHT, without cable:	84.2 lbs (38.2 kg)
SHIPPING WEIGHT:	95.2 lbs (43.2 kg)

## CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/SILICON CARBIDE FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/SILICON CARBIDE FKM
MOTOR CASING	316 SS
PUMP VOLUTE	316 SS
IMPELLER	316 SS WITH TUNGSTEN CARBIDE BLADES
O-RINGS & LIP SEALS	FKM
ROTOR SHAFT	316 SS
EXTERNAL HARDWARE	316 SS
OIL IN SEAL CHAMBER: TYPE; QUANTITY	ISO 32, NSF FOOD GRADE MINERAL OIL, 10.1 US FL OZ (300 CC)
OIL IN MOTOR CHAMBER: TYPE	ISO 32, NSF FOOD GRADE MINERAL OIL
BALL BEARING: PERM. LUBE. UPPER	6203
BALL BEARING: PERM. LUBE. LOWER	6304

## ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	OIL FILLED SUBMERSIBLE, 2 (CONTINUOUS DUTY)			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	R			
MOTOR SERVICE FACTOR	1.15			
VOLTAGE - 60 Hz	208	230	460	575
CURRENT F.L.A.	6.3	6	3	2.3
LOCKED ROTOR CURRENT (LRA)	46.2	44	22	16.9
POWER CORD: GAGE; LENGTH	AWG 16/4, 33' (10m), HIGH TEMP RATED CORD			
SENSOR CORD: GAGE; LENGTH	AWG 18/4, 33' (10m), HIGH TEMP RATED CORD			
MOTOR PROTECTION <sup>1</sup>	EMBEDDED THERMAL SWITCHES, 300°F (149°C)			
SEAL LEAK DETECTOR <sup>1</sup>	Seal Minder® MOISTURE SENSING PROBE			
MAXIMUM LIQUID TEMPERATURE	200°F (93°C)			

1 - Seal minder & thermal sensor cable must be properly connected to a control panel to maintain warranty.

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# PERFORMANCE CURVE

## BJM Pumps® SKX15SSF

Dwg:

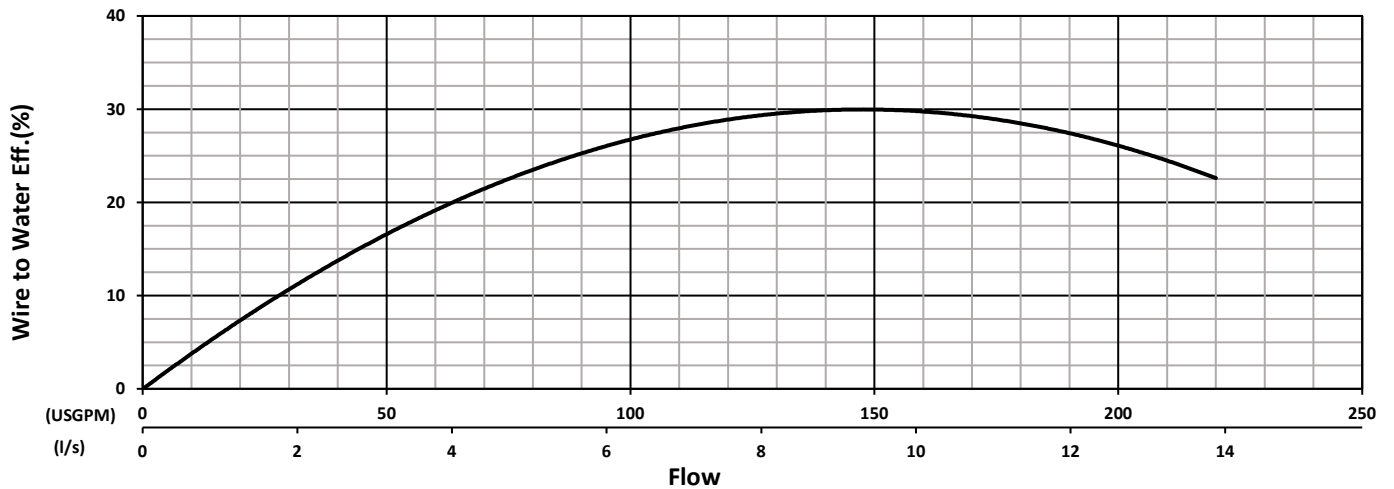
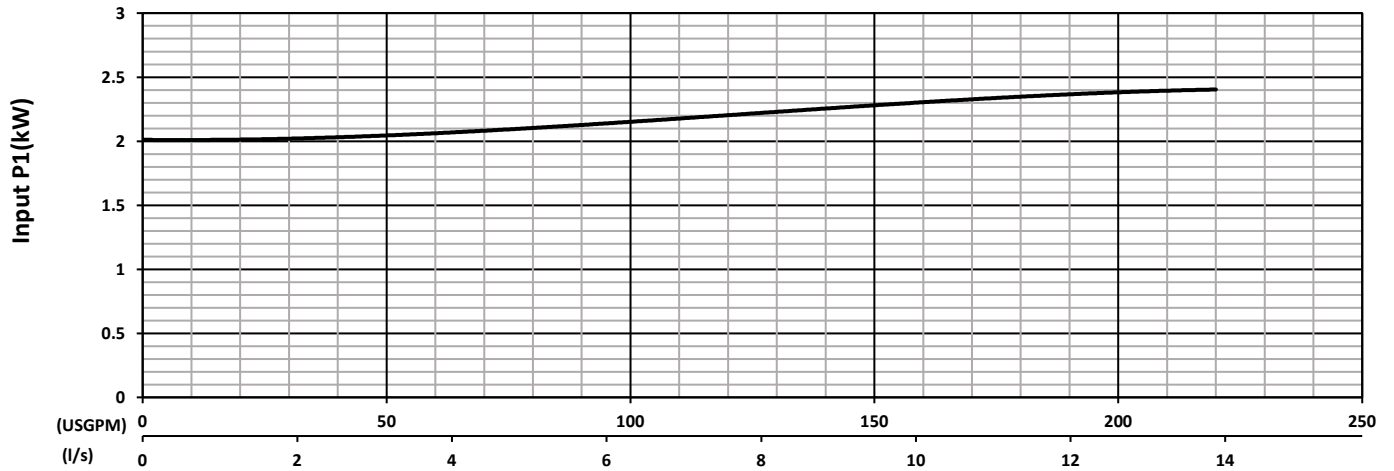
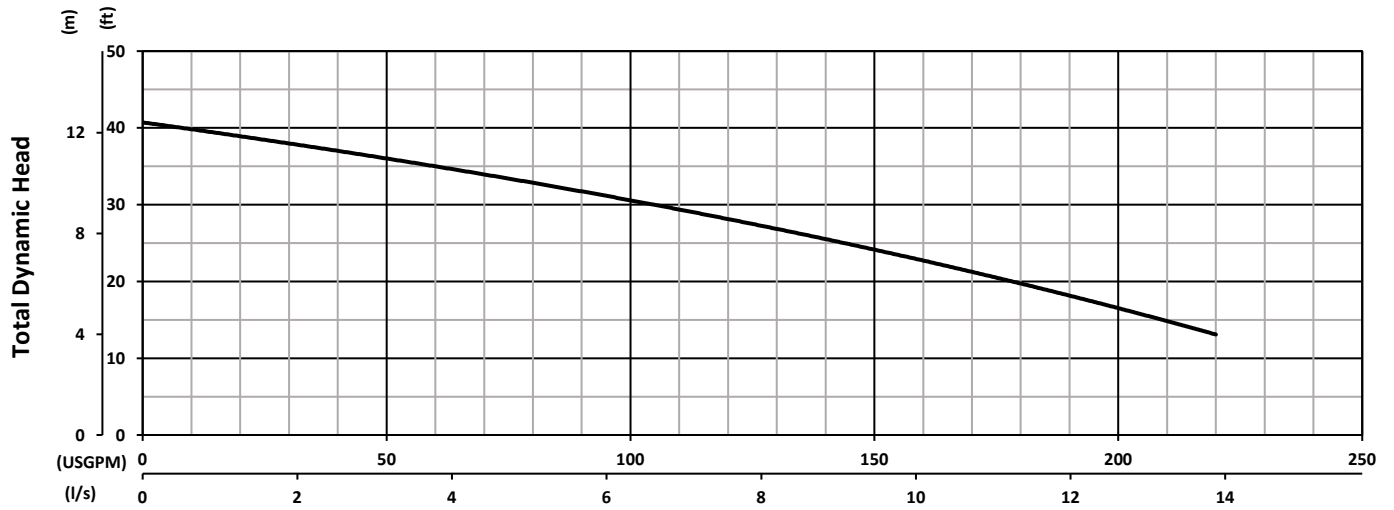
DS-C30-001

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2

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

15SSF - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	108mm

Specifications subject to change without notice