



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps® SKX1500CSSF

Dwg:

DS-C30-019

Rev:

1

Date:

8/29/2025

GENERAL DATA

MAX. FLOW:	255 GPM (965.3 LPM)
MAX. HEAD:	43' (13.1m)
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 :	13.5" (342.9 mm)
SOLID SIZE:	1.6" (40.6 mm)
IMPELLER DIAMETER:	4.25" (108 mm)
DISCHARGE SIZE:	3" NPT-MALE
SLIDE RAIL SYSTEM	3" STAINLESS STEEL
PUMP WEIGHT (without cable):	93.3 lbs (42.3 kg)
SHIPPING WEIGHT:	110.2 lbs (50 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:	6203
BEARING, OIL LUBRICATED, LOWER:	6304

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	2, SUBMERSIBLE OIL FILLED, (CONTINUOUS DUTY ³)
MOTOR RPM	3450
MOTOR INSULATION CLASS	R, 428°F (220°C)
MOTOR SERVICE FACTOR	1.1
VOLTAGE - 1PH - 60Hz ¹	230V
CURRENT F.L.A.	16
LOCKED ROTOR CURRENT (LRA)	65
POWER CABLE: GAGE-LENGTH	AWG 14/4, 50' (15m) HIGH TEMP RATED CABLE
SENSOR CABLE: ² GAGE-LENGTH	AWG 18/4, 50' (15m) HIGH TEMP RATED CABLE
START COMPONENTS	CAPACITOR & START RELEY IN CONTROL PANEL
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.

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INDUSTRIAL
FLOW
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PERFORMANCE CURVE

BJM Pumps® SKX1500CSSF

Dwg:

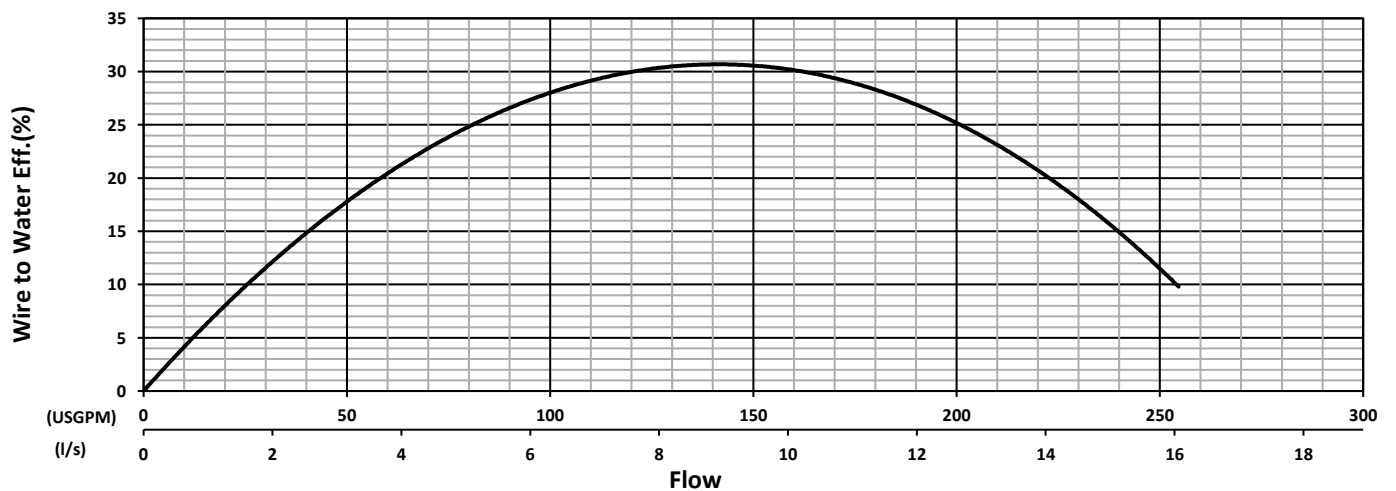
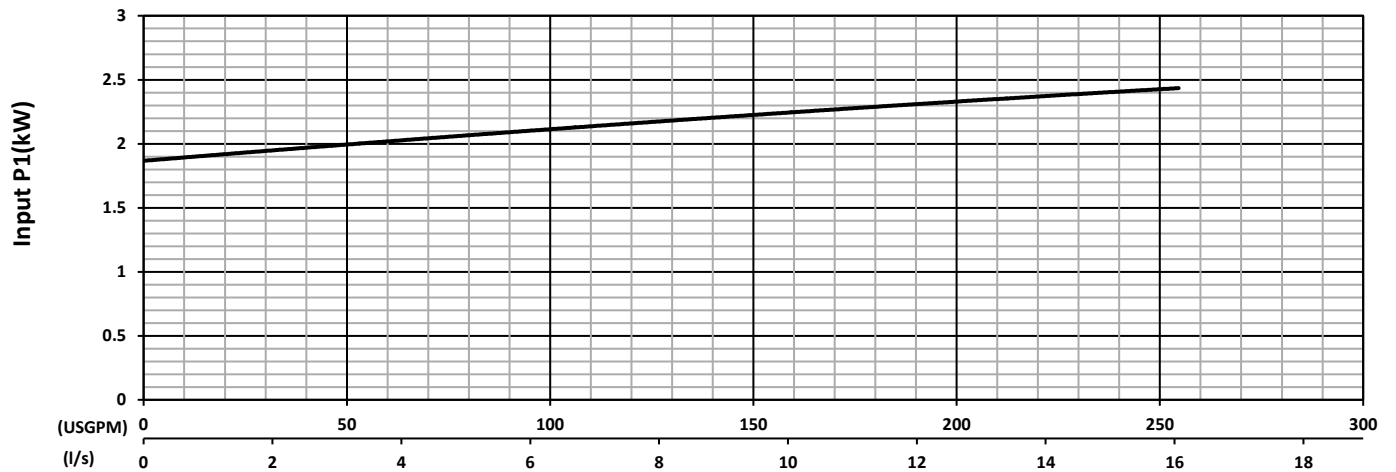
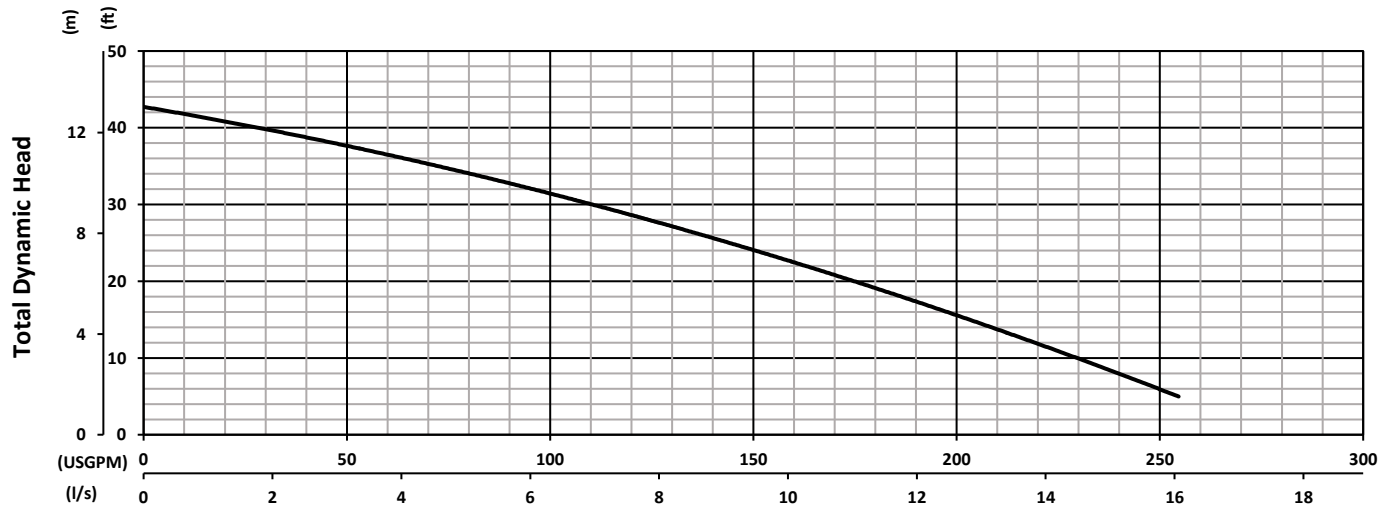
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Test Standard : HI 11.6 Gr 3B
Tested with water at 20°C

1500CSSF - Dual Units

Frequency
Pump Speed
Impeller

60 Hz
3450 RPM
108mm

Specifications subject to change without notice