

 INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® XP- SKX150CSS		
	Dwg:	DS-C40-015	Rev:	1	Date:	9/2/2025

GENERAL DATA

APPROVALS:	EXPLOSION PROOF FM APPROVED CLASS1, DIVISION 1, GROUP C & D	
MAX. FLOW:	874 GPM (3308.4 LPM)	
MAX. HEAD:	105' (32m)	
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	
MINIMUM SUBMERSION DEPTH FOR CONT. DUTY ² :	57" (1447.8 mm)	
SOLID SIZE:	3.5" (89 mm)	
IMPELLER DIAMETER:	10.87" (276 mm)	
DISCHARGE SIZE:	6" ANSI FLANGE	
SLIDE RAIL SYSTEM	6" NON-SPARKING	
PUMP WEIGHT (without cable):	754 lbs (342 kg)	
SHIPPING WEIGHT:	772 lbs (350 kg)	

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/CERAMIC, FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, FKM
MOTOR HOUSING	CAST IRON, EPOXY COATED
PUMP VOLUTE	316 SS
SUCTION COVER	316 SS
IMPELLER	316 SS
IMPELLER SHREDDER BLADE	TUNGSTEN CARBIDE
LIP SEAL & O-RINGS	FKM
ROTOR SHAFT	403SS
EXTERNAL HARDWARE	304 SS
BEARING, PERM. LUBRICATED, UPPER:	6309ZZC3
BEARING, PERM. LUBRICATED, LOWER:	7312BDB

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	20, SUBMERSIBLE, (CONTINUOUS DUTY ²)	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	F	
MOTOR SERVICE FACTOR	1.15	
VOLTAGE - 3PH - 60Hz	460V	575V
CURRENT F.L.A.	24	19.2
LOCKED ROTOR CURRENT (LRA)	139	111
POWER CABLE: GAGE-LENGTH	AWG 10/4, 50' (15m) SOOW	
SENSOR CABLE: ¹ GAGE-LENGTH	AWG 14/4, 50' (15m) SOOW	
MOTOR PROTECTION	TWO NORMALLY CLOSED THERMOSTATS	
SEAL LEAK DETECTOR ¹	SINGLE ELECTRODE LEAKAGE DETECTOR	
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)	

1 - Requires seal fail and thermal circuit in control panel for warranty validity.

2 - 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® XP-SKX150CSS

Dwg:

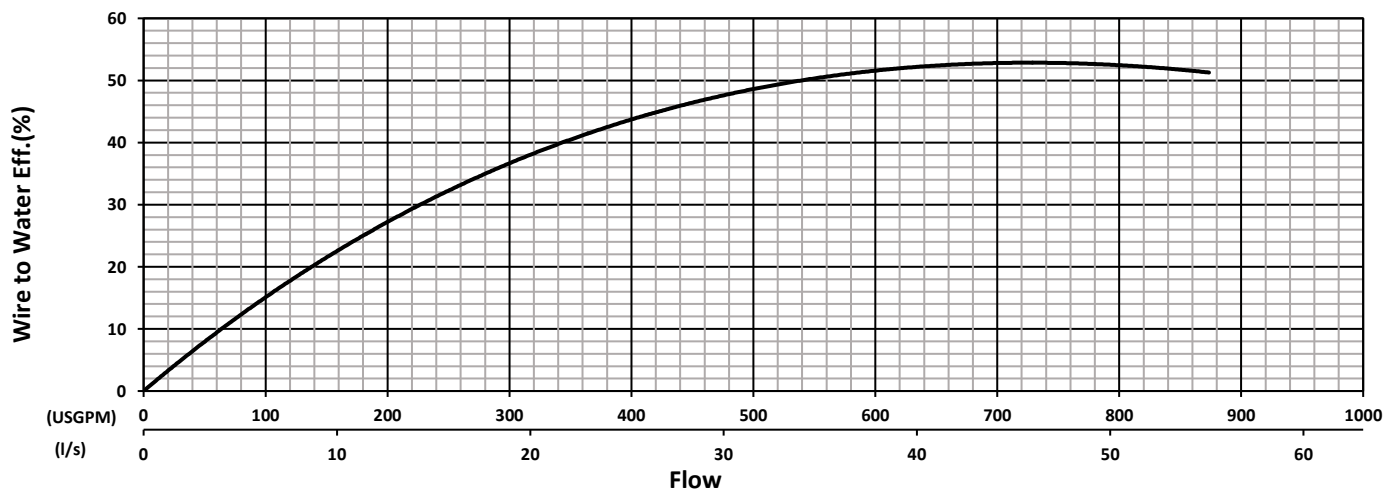
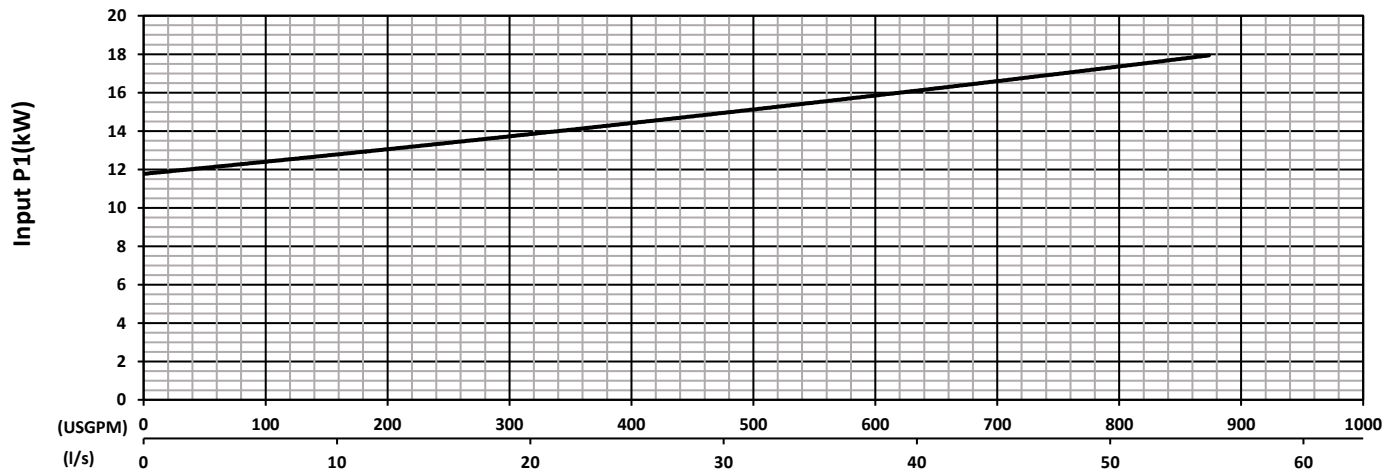
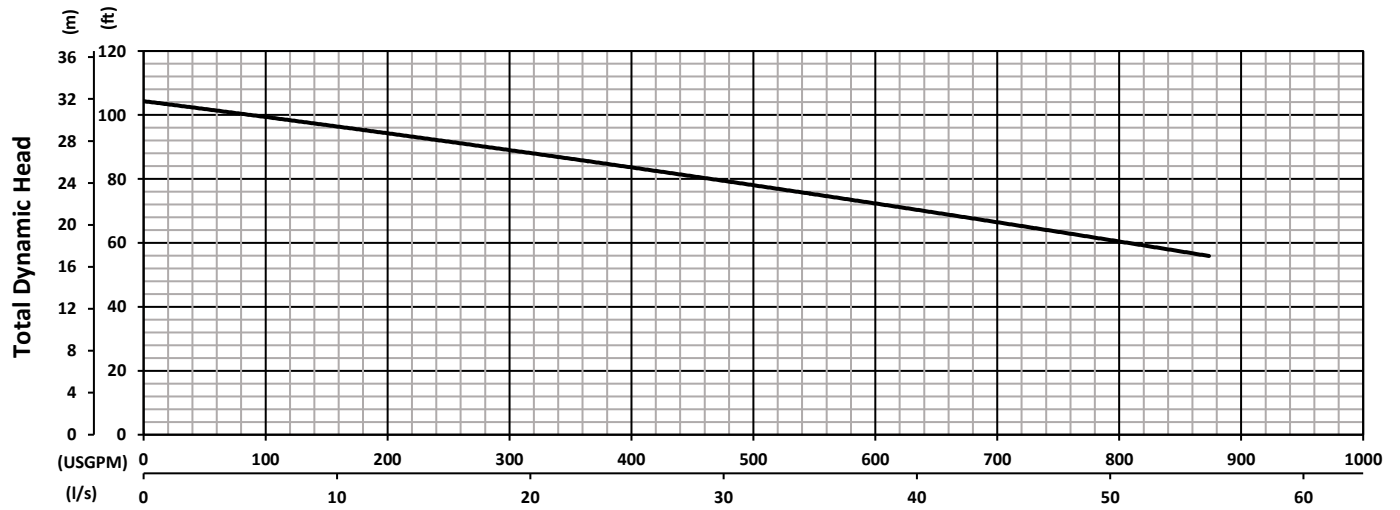
DS-C40-009

Rev:

1

Date:

6/20/2025



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

150CSS - Dual Units

Frequency
Pump Speed
Impeller

60 Hz
1750 RPM
276mm

Specifications subject to change without notice