

 INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® XP-SK15		
	Dwg:	DS-C38-004	Rev:	1	Date:	2/5/2025

GENERAL DATA

APPROVALS:	EXPLOSION PROOF FM APPROVED CLASS1, DIVISION 1, GROUP C & D	
MAX. FLOW:	220 GPM (832.8 L/min)	
MAX. HEAD:	43' (13.1m)	
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:	29.5" (749 mm)	
SOLID SIZE:	1.6" (40.6 mm)	
IMPELLER DIAMETER:	4.26" (108 mm)	
DISCHARGE SIZE	3" NPT-MALE	
SLIDE RAIL SIZE	NON-SPARKING 3" SLIDE RAIL, SR-XP3	
PUMP WEIGHT, without cable:	145.5 lbs (66 kg)	
SHIPPING WEIGHT:	156.5 lbs (71 kg)	

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/CERAMIC FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/SILICON CARBIDE FKM
MOTOR HOUSING	CAST IRON, EPOXY COATED
PUMP VOLUTE	CAST IRON
IMPELLER	HEAT TREATED DUCTILE IRON, TUNGSTEN CARBIDE BLADES
SUCTION COVER	HEAT TREATED DUCTILE IRON
O-RINGS & LIP SEALS	BUNA-N
ROTOR SHAFT	403 SS
EXTERNAL HARDWARE	304 SS
BALL BEARING: PERM. LUBE. UPPER	6305ZZC3
BALL BEARING: PERM. LUBE. LOWER	6307ZZC3

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 2 (CONTINUOUS DUTY ²)			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	F			
MOTOR SERVICE FACTOR	1.15			
VOLTAGE - 60 Hz	208V	230V	460V	575V
CURRENT F.L.A.	6.6	6.2	3.1	2.5
LOCKED ROTOR CURRENT (LRA)	40	45	22.5	18
POWER CABLE: GAGE; LENGTH	AWG 14/4, 50' (15.2m), SOOW			
SENSOR CABLE: GAGE; LENGTH	AWG 14/4, 50' (15.2m), SOOW			
MOTOR PROTECTION ¹	TWO NORMALLY CLOSED THERMOSTATS			
SEAL LEAK DETECTOR ¹	SINGLE ELECTRODE LEAKAGE DETECTOR			
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)			

1 - Seal fail and thermal sensor cable must be properly connected to maintain warranty

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-SK15

Dwg:

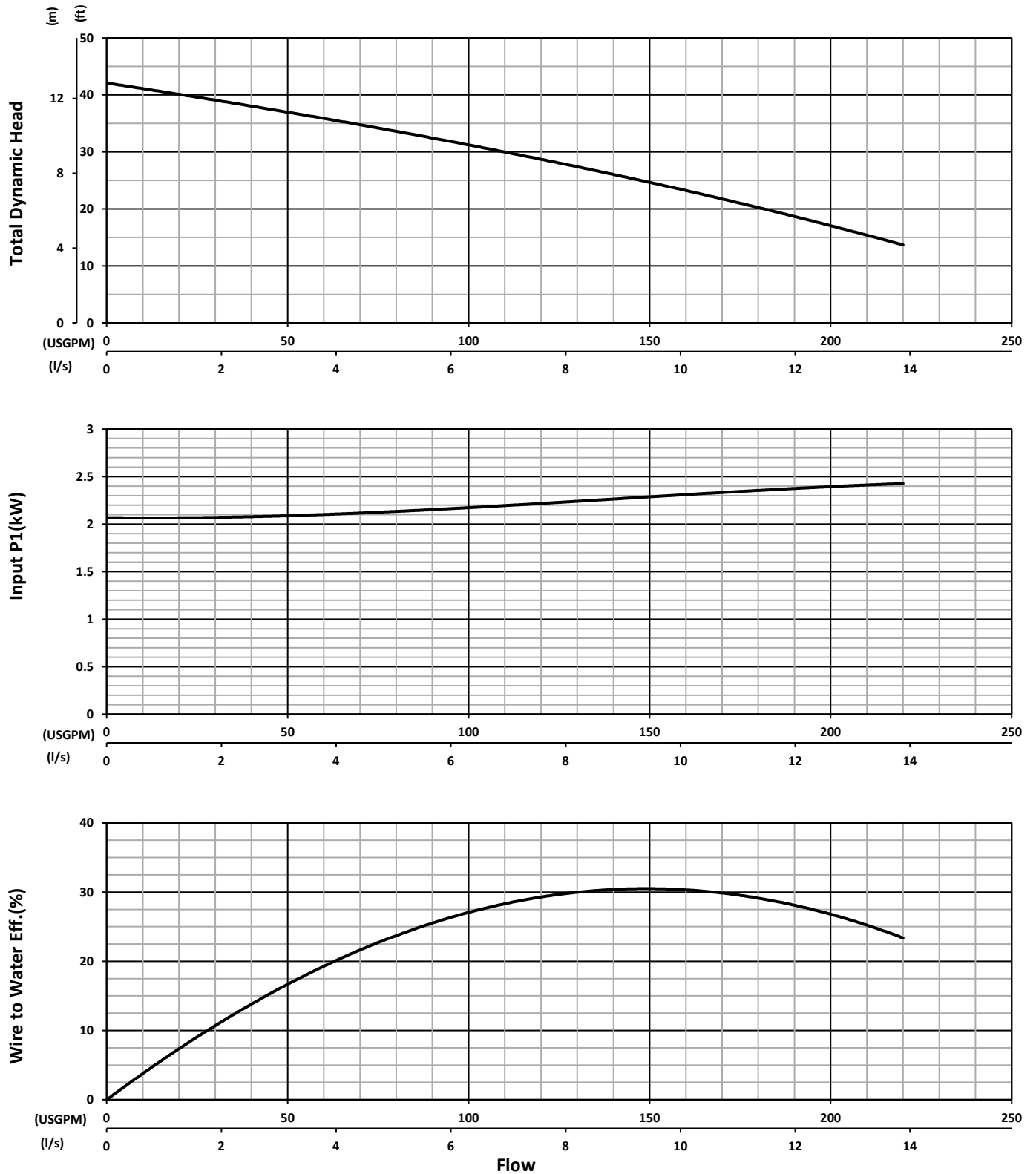
DS-C38-001

Rev:

1

Date:

8/18/2023



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

15 - Dual Units

Frequency
Pump Speed
Impeller

60 Hz
3450 RPM
108mm

Specifications subject to change without notice