INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® XP-SK55C		
	Dwg:	DS-C38-006	Rev:	2	Date:	8/28/2025

GENERAL DATA

APPROVALS:	EXPLOSION PROOF FM APPROVED CLASS1, DIVISION 1, GROUP C & D
MAX. FLOW:	571 GPM (2161.5 LPM)
MAX. HEAD:	48' (14.6m)
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]:	43.5" (1104.9 mm)
SOLID SIZE:	3.5" (88.9 mm)
IMPELLER DIAMETER:	7.24" (184 mm)
DISCHARGE SIZE:	4" NPT-MALE
SLIDE RAIL SYSTEM	4" NON-SPARKING
PUMP WEIGHT (without cable):	374.8 lbs (170 kg)
SHIPPING WEIGHT:	392.4 lbs (178 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	CAST IRON
SUCTION COVER	DUCTILE IRON
IMPELLER	DUCTILE IRON
IMPLELLER SHREDDER BLADE	TUNGSTEN CARBIDE
LIP SEAL & O-RINGS	BUNA-N
ROTOR SHAFT	403SS
EXTERNAL HARDWARE	304 SS
BEARING, PERM. LUBRICATED, UPPER:	6306ZZC3
BEARING, PERM. LUBRICATED, LOWER:	7308BDB

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	7.5, SUBMERSIBLE, (CONTINUOUS DUTY[2])			
MOTOR RPM	1750			
MOTOR INSULATION CLASS	F			
MOTOR SERVICE FACTOR	1.15			
VOLTAGE - 3PH - 60Hz	208V	230V	460V	575V
CURRENT F.L.A.	21	19.4	9.7	7.8
LOCKED ROTOR CURRENT (LRA)	141	126	63	51.5
POWER CABLE: GAGE-LENGTH	AWG 10/4, 50' (15m) SOOW		AWG 14/4, 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)			

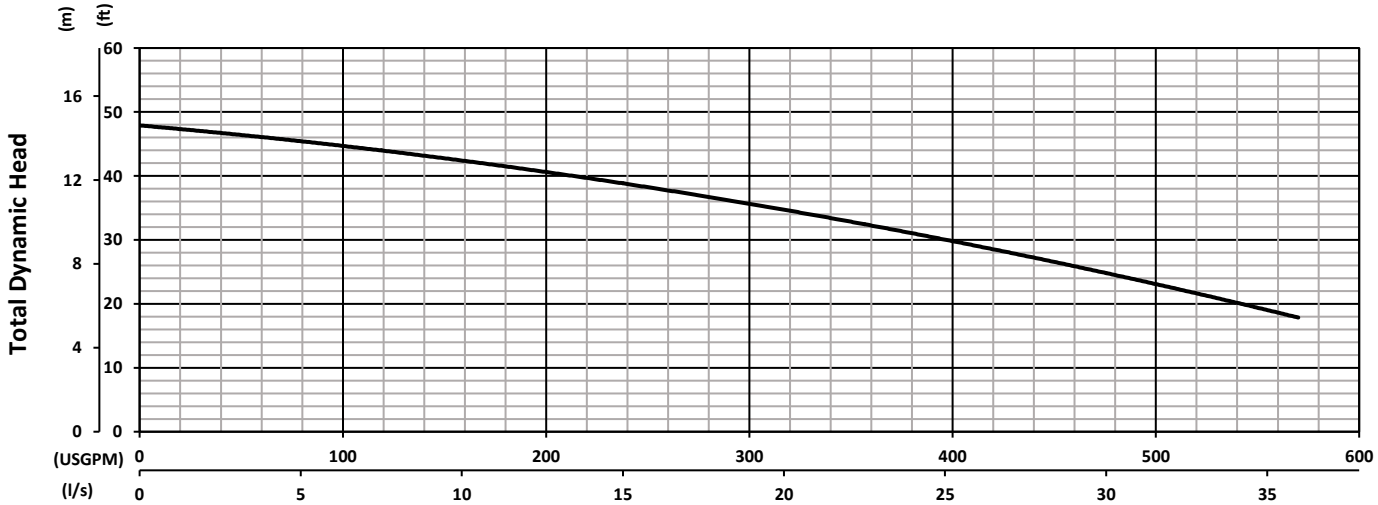
1 - Requires seal fail and thermal circuit in control panel for warranty validity.
2 - Continuous duty motor - see minimum submersion depth above.

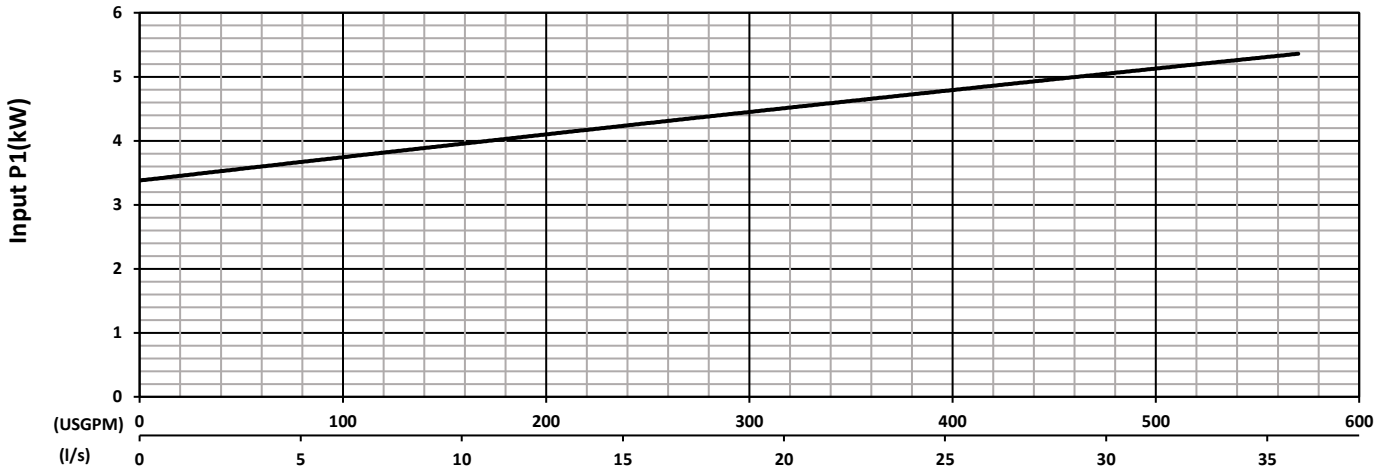
©2025 Industrial Flow Solutions Operating, LLC. All rights reserved.

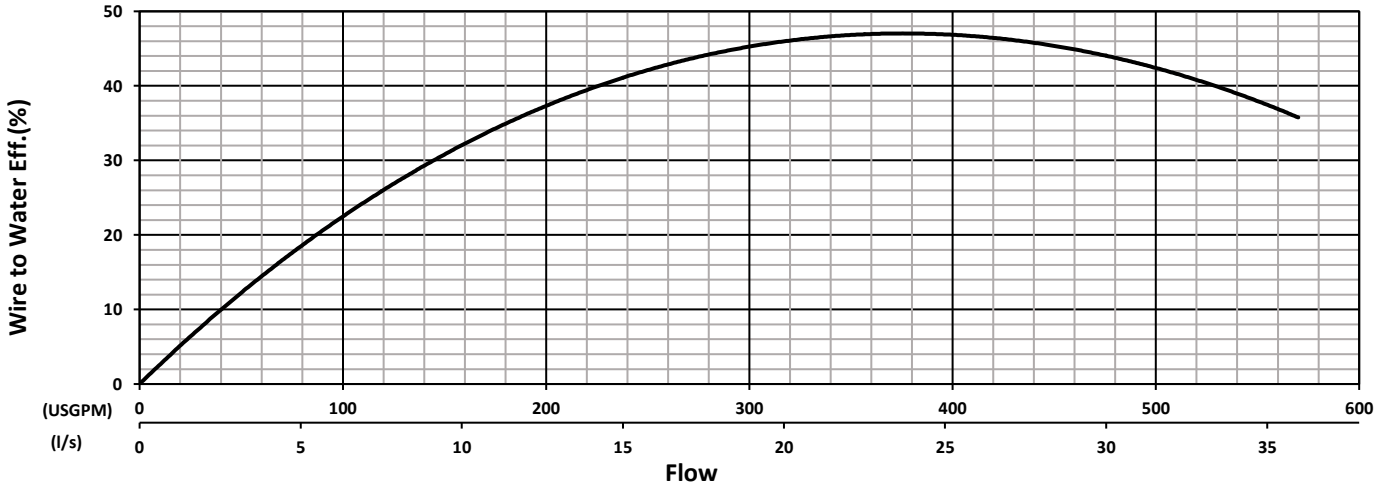
Industrial Flow Solutions Operating, LLC • 104 John W Murphy Drive, New Haven, CT 06513, USA

(860) 631-3618 • www.flowsolutions.com

INDUSTRIAL FLOW SOLUTIONS™	PERFORMANCE CURVE		BJM Pumps® XP-SK55		
	Dwg:	DS-C38-012	Rev:	1	Date: 6/20/2025







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

55 - Dual Units

Frequency	60 Hz
Pump Speed	1750 RPM
Impeller	184mm

Specifications subject to change without notice