INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA		BJM Pumps® V4L-559		
	Dwg:	DS-C65-018	**Rev:**	1	**Date:** 10/21/2024

GENERAL DATA

MAX. FLOW:	1906 GPM (7215 L/min)
MAX. HEAD:	113' (34.4m)
MAX. SUBMERSION DEPTH:	65’ (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	NON-CLOG VORTEX
MINIMUM SUBMERSION DEPTH:	47" (1190 mm)
SOLID SIZE:	5.2" (130 mm)
IMPELLER DIAMETER:	11.23" (285 mm)
DISCHARGE SIZE	DN150 PN16
PUMP WEIGHT, without cable:	1300.7 lbs (590 kg)
SHIPPING WEIGHT:	1430.8 lbs (649 kg)

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	SILICON CARBIDE/SILICON CARBIDE FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/SILICON CARBIDE FKM
MOTOR CASING	CAST IRON, EN 1561
PUMP VOLUTE	CAST IRON, EN 1561
IMPELLER	CAST IRON, EN 1561
O-RINGS & LIP SEALS	BUNA
ROTOR SHAFT	STAINLESS STEEL AISI 420
EXTERNAL HARDWARE	STAINLESS STEEL A2-70
BALL BEARING: PERM. LUBE. UPPER	NU 211 EC
BALL BEARING: PERM. LUBE. LOWER	6316-2RS1

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 75 (CONTINUOUS DUTY[2])
MOTOR RPM	1750
MOTOR INSULATION CLASS	F
MOTOR SERVICE FACTOR	1.1
VOLTAGE[1] - 60 Hz	460V
CURRENT F.L.A.	96
LOCKED ROTOR CURRENT (LRA)	484.8
POWER CORD: GAGE; LENGTH	AWG 2/4, 50' (15m), Type-G
MOTOR PROTECTION	THERMAL OVERLOAD
SEAL LEAK DETECTOR[3]	Seal Minder® MOISTURE SENSING PROBE
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)

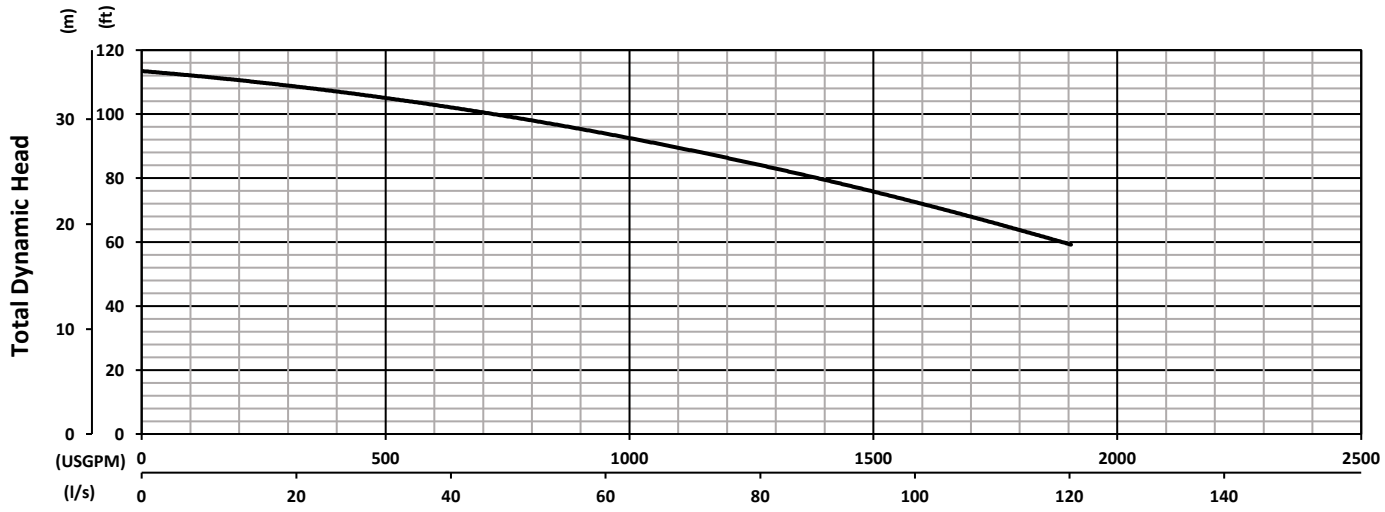
1 - Available in other voltages for 50Hz

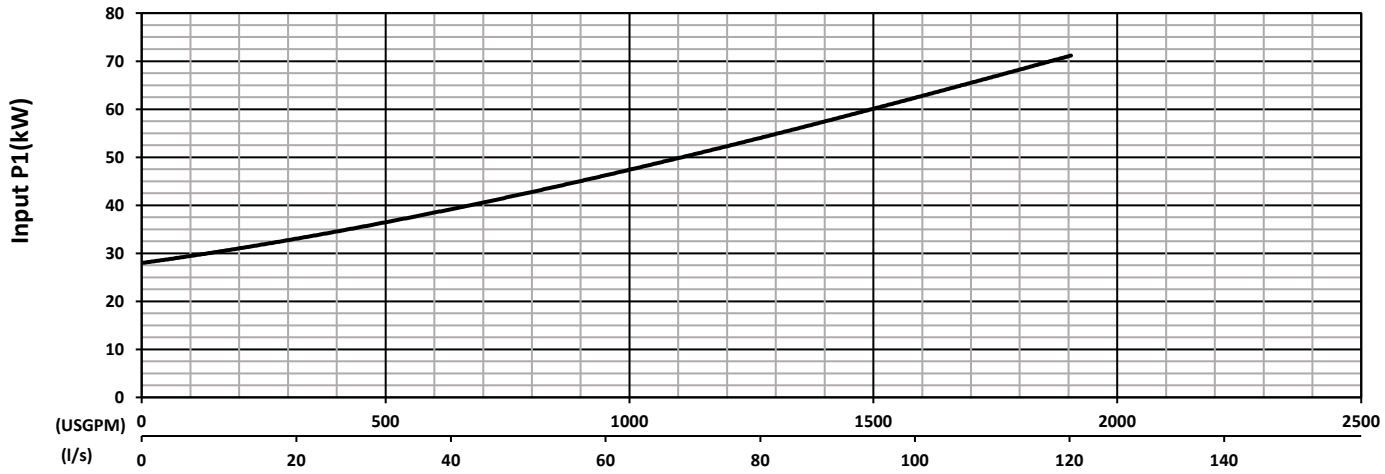
2 - Continuous duty motor - see minimum submersion depth above

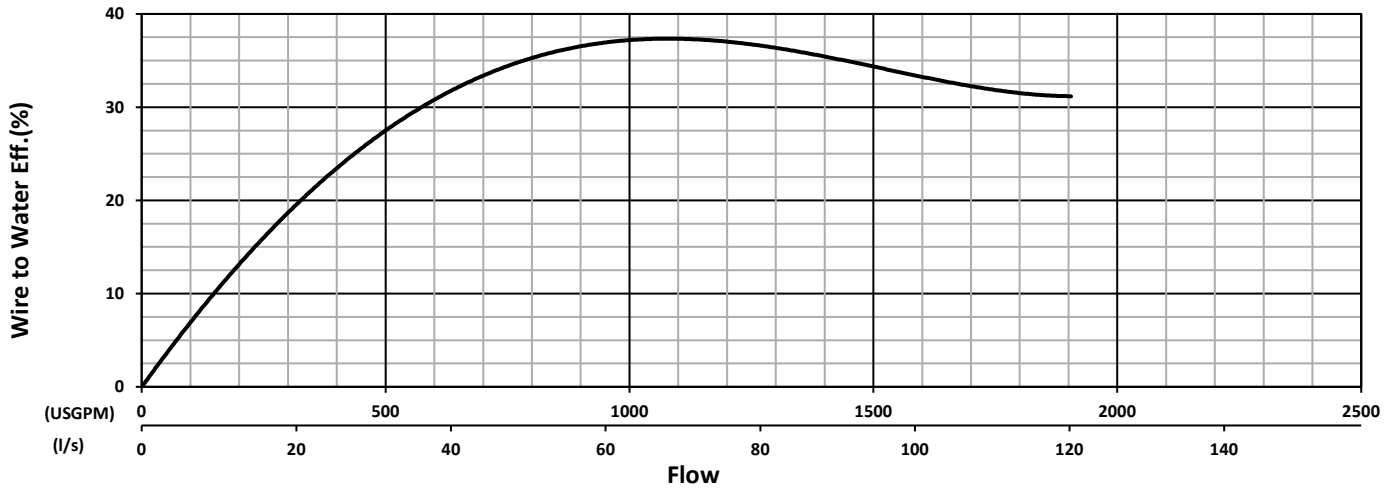
3 - Requires a seal fail circuit in control panel for warning signal

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® V4L-559		
	Dwg:	DS-C65-017	**Rev:**	1	**Date:** 10/21/2024







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

559 - Dual Units

Frequency	60 Hz
Pump Speed	1750 RPM
Impeller	285mm

Specifications subject to change without notice