

 INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® A4L-399		
	Dwg:	DS-C64-024	Rev:	1	Date:	10/30/2024

GENERAL DATA

MAX. FLOW:	2588 GPM (9796.6 L/min)
MAX. HEAD:	149' (45.4m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	NON-CLOG SOLIDS HANDLING
MINIMUM SUBMERSION DEPTH:	47" (1190 mm)
SOLID SIZE:	4.8" (120 mm)
IMPELLER DIAMETER:	11.62" (295 mm)
DISCHARGE SIZE	DN150 PN16
PUMP WEIGHT, without cable:	1289.7 lbs (585 kg)
SHIPPING WEIGHT:	1419.8 lbs (644 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, 53.5 (CONTINUOUS DUTY ²)
MOTOR RPM	1750
MOTOR INSULATION CLASS	F
MOTOR SERVICE FACTOR	1.1
VOLTAGE ¹ - 60 Hz	460V
CURRENT F.L.A.	69.2
LOCKED ROTOR CURRENT (LRA)	349.5
POWER CORD: GAGE; LENGTH	AWG 4/4, 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

©2024 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® A4L-399

Dwg:

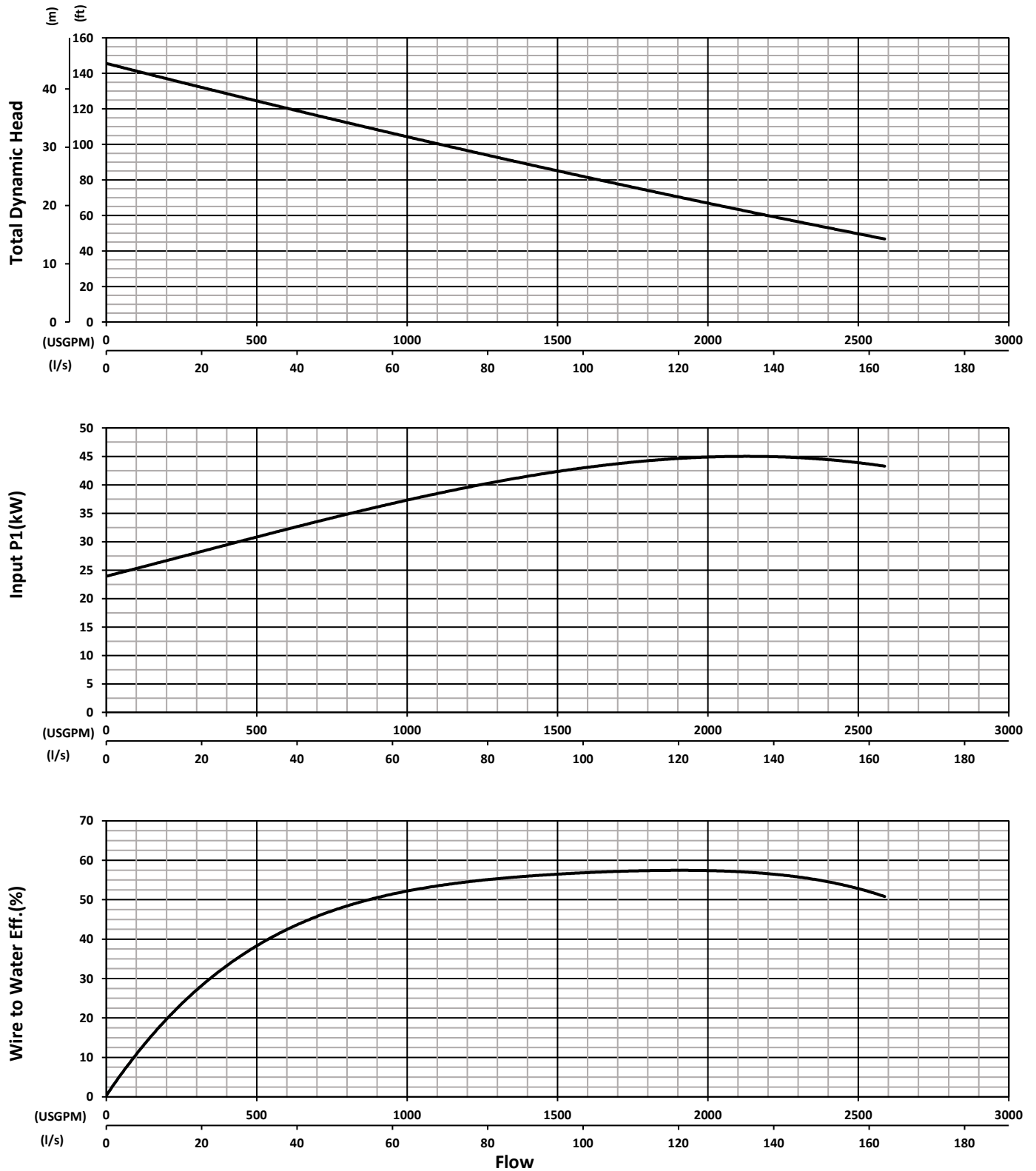
DS-C64-023

Rev:

1

Date:

10/30/2024



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

399 - Dual Units

Frequency
Pump Speed
Impeller

60 Hz
1750 RPM
295mm

Specifications subject to change without notice