

 INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® A4L-298		
	Dwg:	DS-C64-022	Rev:	1	Date:	10/30/2024

GENERAL DATA

MAX. FLOW:	2312 GPM (8751.9 L/min)
MAX. HEAD:	134' (40.8m)
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:	4.4" (110 mm)
IMPELLER DIAMETER:	11.89" (302 mm)
DISCHARGE SIZE	DN150 PN16
PUMP WEIGHT, without cable:	1212.5 lbs (550 kg)
SHIPPING WEIGHT:	1342.6 lbs (609 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, 40 (CONTINUOUS DUTY ²)
MOTOR RPM	1750
MOTOR INSULATION CLASS	F
MOTOR SERVICE FACTOR	1.1
VOLTAGE ¹ - 60 Hz	460V
CURRENT F.L.A.	52
LOCKED ROTOR CURRENT (LRA)	262.6
POWER CORD: GAGE; LENGTH	AWG 6/4, 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

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INDUSTRIAL
FLOW
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PERFORMANCE CURVE

BJM Pumps® A4L-298

Dwg:

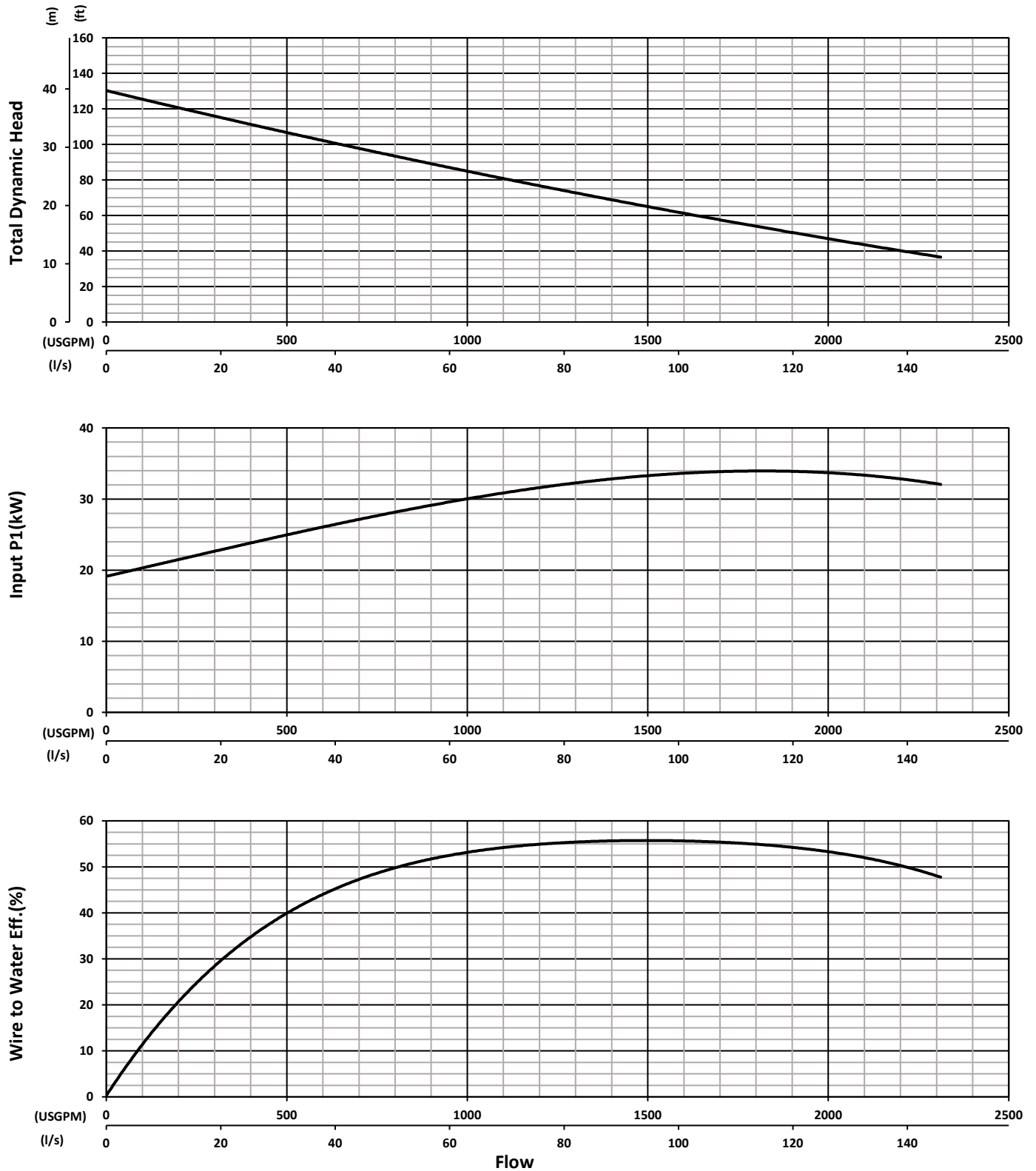
DS-C64-021

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

298 - Dual Units

Frequency 60 Hz
Pump Speed 1750 RPM
Impeller 302mm

Specifications subject to change without notice