



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps JX15SS

Dwg:

DS-C06-005

Rev:

1

Date:

8/2/23

BJM SUBMERSIBLE PUMP - 316 SS GENERAL DATA



MAX. FLOW: GPM (L/min)	110 GPM (416 L/min)
MAX. HEAD: ft (m)	58' (17.7 m)
MAX. SUBMERSION DEPTH: ft (m)	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	SUMP, SIDE DISCHARGE
MINIMUM SUBMERSION DEPTH: in(mm)	9.5" (241 mm)
SOLID SIZE: in (mm)	3/16" (4.7 mm)
STRAINER OPENING	0.5625"x0.25" (14.3x6.3 mm) slot
IMPELLER DIAMETER: in (mm)	4.21" (107 mm)
DISCHARGE SIZE	3" NPT-MALE
PUMP WEIGHT, without cable: lbs (kg)	65 lbs (29.5 kg)
SHIPPING WEIGHT: lbs (kg)	72 lbs (32.7 kg)

CONSTRUCTION / MATERIAL DATA

MECHANICAL SEAL - UPPER	CARBON/CERAMIC
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE
MOTOR CASING	316 SS
PUMP VOLUTE	316 SS
IMPELLER- MULTI VANE	316 SS
STRAINER	316 SS
LIPSEAL & O-RINGS	FKM
ROTOR SHAFT	316 SS
EXTERNAL HARDWARE	316 SS
QTY. OIL IN SEAL CHAMBER	10.1 U.S. FL. OZ. (300 C.C.)
QTY. OIL IN MOTOR STATOR	No oil in motor stator (After ser# 40843). 13.5 U.S. FL. OZ. (400 C.C.) (Before ser# 40843).
BALL BEARING: PERM. LUBE. UPPER	6203
BALL BEARING: PERM. LUBE. LOWER	6304

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 2 (CONTINUOUS DUTY ³)			
MOTOR RPM	3450			
MOTOR INSULATION CLASS	F			
MOTOR SERVICE FACTOR	1.1			
VOLTAGE ¹ - 3 PH, 60 Hz	208V option	230V	460V	575V option
CURRENT F.L.A.	6.3	6	3	2.3
LOCKED ROTOR CURRENT (LRA)	44.6	44	22	15.5
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD			
POWER CORD: GAGE; LENGTH	A.W.G. 16/4; 33' (10 m), STOW			
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)			
SEAL LEAK DETECTOR ² (OPTIONAL)	Seal Minder®; MOISTURE SENSING PROBE			

- 1- Requires a seal fail circuit in control panel for warning signal.
- 2- Available in other voltages (and in 50 Hz).
- 3- NOTE: STAINLESS STEEL PUMPS MAY NOT BE SUITABLE FOR CONTINUOUS DUTY IN ALL APPLICATIONS. PLEASE CONSULT WITH BJM PUMPS. MAY BE NECESSARY TO OFFER 'F' SERIES HIGH TEMPERATURE PUMPS WHEN CONSIDERING CONTINUOUS DUTY OPERATION.

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INDUSTRIAL
FLOW
SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps JX15

Dwg:

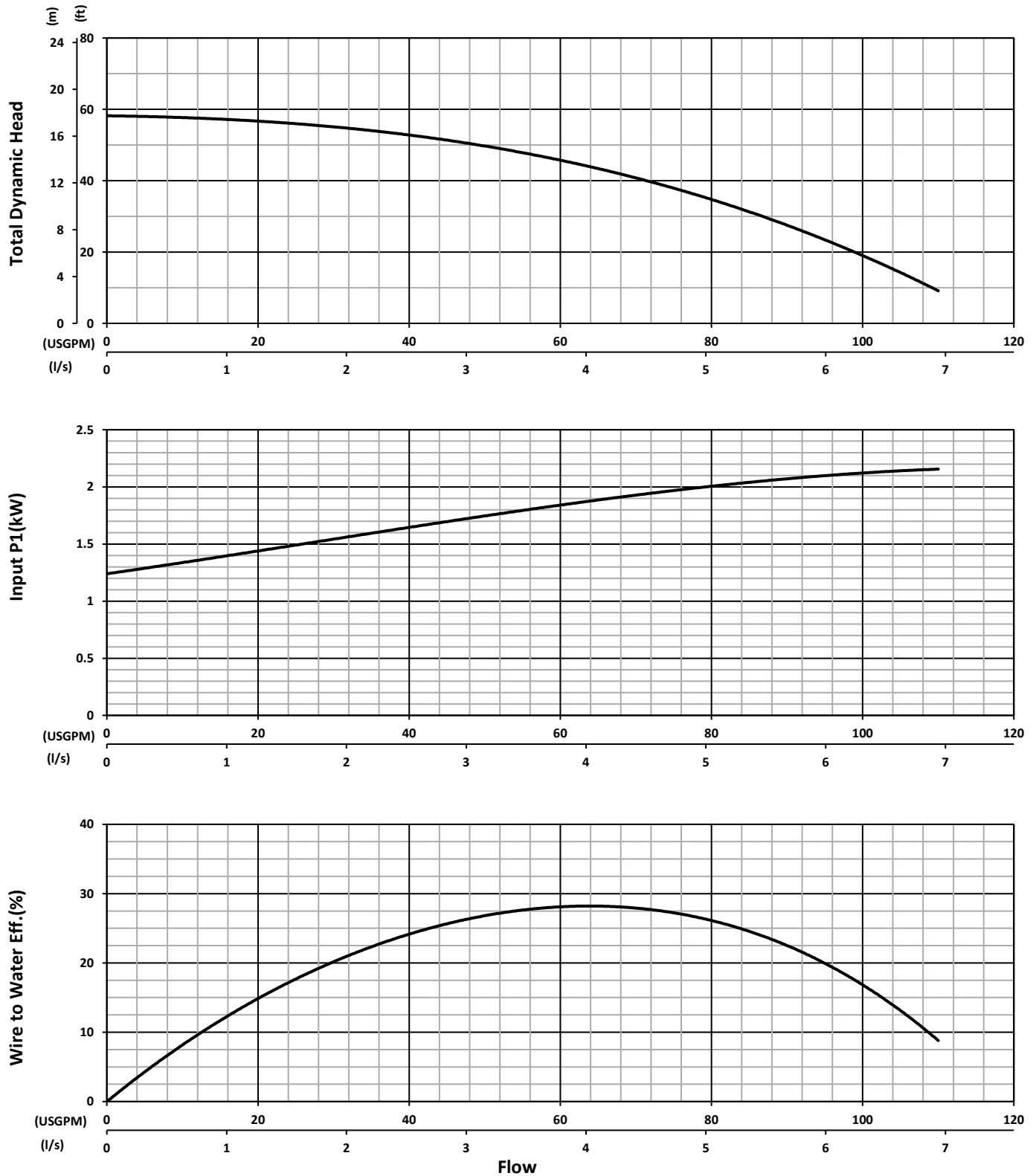
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Test Standard : HI 11.6 Gr 3B
Tested with water at 20°C

15 - Dual Units

Frequency
Pump Speed
Impeller

60 Hz
3450 RPM
107mm

Specifications subject to change without notice