



GENERAL DATA

MAX. FLOW:	90 GPM (340.7 LPM)
MAX. HEAD:	50' (15.2m)
MAX. SUBMERSION DEPTH:	65' (20 m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE:	DEWATERING, SIDE DISCHARGE
MINIMUM SUBMERSION DEPTH FOR CONT. DUTY ³ :	17.3" (439.42 mm)
PUMP DOWN WATER LEVEL:	5" (133 mm)
SOLID SIZE:	0.19" (4.7 mm)
STRAINER OPENING:	0.25" (6.3 mm)
IMPELLER DIAMETER:	4.3" (110 mm)
DISCHARGE SIZE:	2" NPT-MALE
SLIDE RAIL SYSTEM	2" CAST IRON
PUMP WEIGHT (without cable):	55 lbs (25 kg)
SHIPPING WEIGHT:	66 lbs (30 kg)

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/CERAMIC, FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, FKM
MOTOR CASING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER	CAST IRON
STRAINER	304 SS
LIP SEAL & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
BEARING, PERM. LUBRICATED, UPPER:	6203
BEARING, PERM. LUBRICATED, LOWER:	6304

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	1, SUBMERSIBLE, (CONTINUOUS DUTY ³)	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	F	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE - 1PH - 60Hz ¹	115V	230V
CURRENT F.L.A.	14	7
LOCKED ROTOR CURRENT (LRA)	70	35
POWER CABLE: GAGE-LENGTH	AWG 14/3, 33' (10m) STOW	
SENSOR CABLE: (OPTIONAL ²) GAGE-LENGTH	AWG 18/2, 33' (10m) STOW	
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD	
SEAL LEAK DETECTOR (OPTIONAL ²)	Seal Minder® MOISTURE SENSING PROBE	
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)	

1 - Available in other voltages for 50Hz

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

3 - Continuous duty motor - see minimum submersion depth above.



INDUSTRIAL
FLOW
SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps® J750

Dwg:

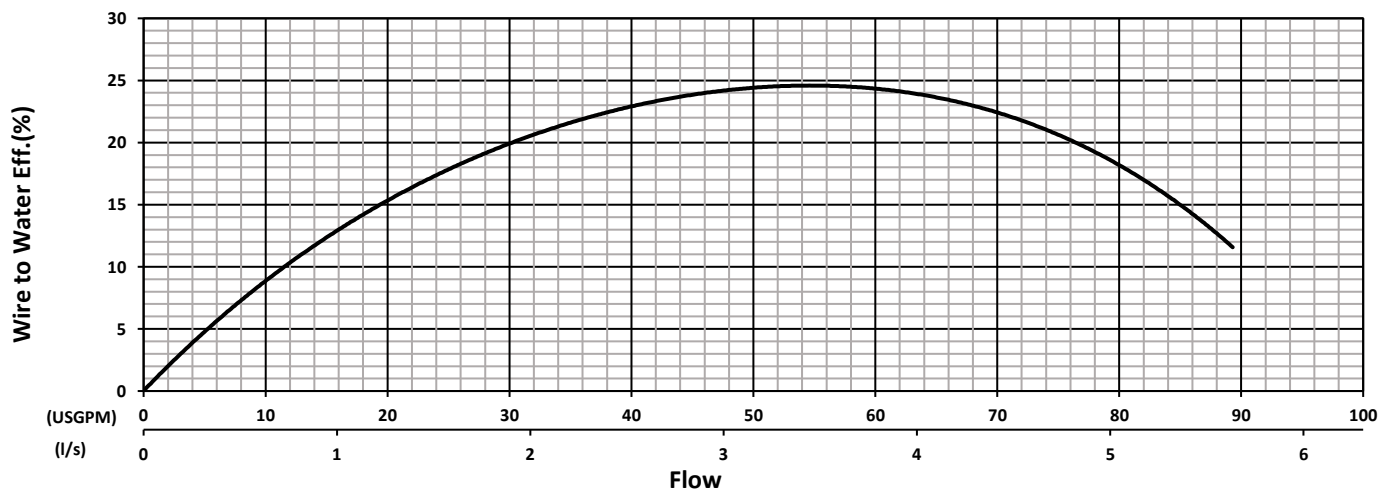
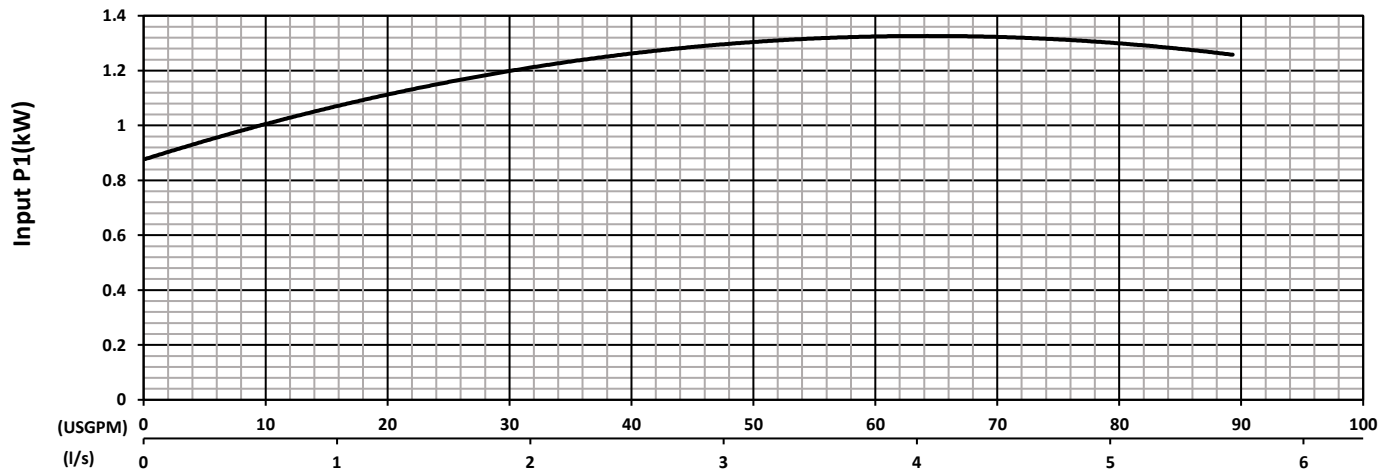
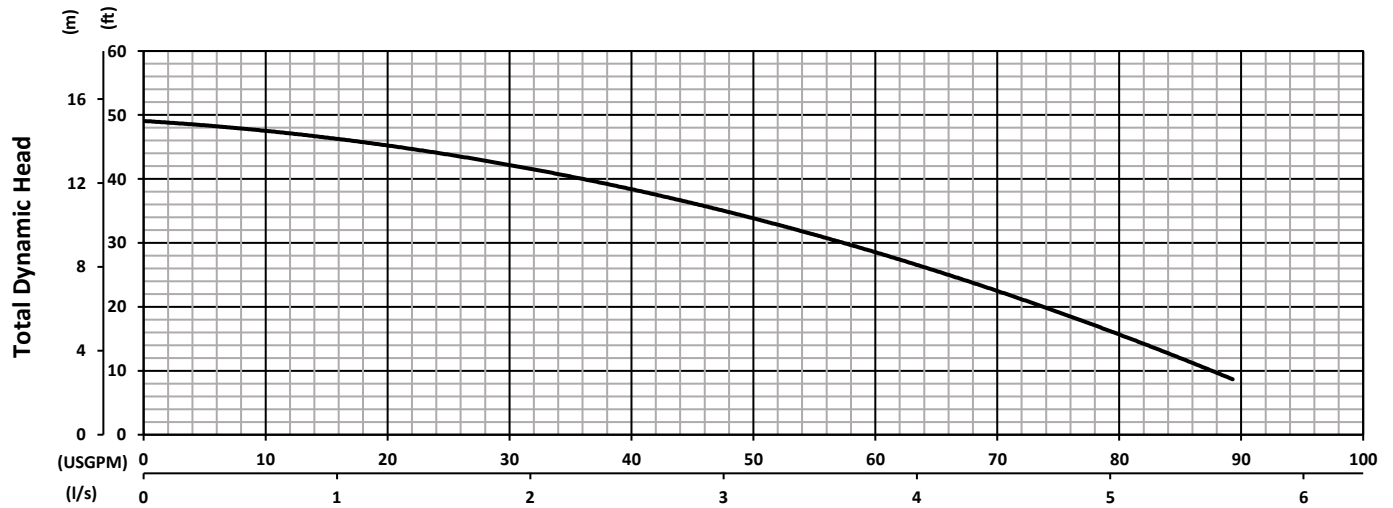
DS-C02-010

Rev:

1

Date:

7/23/2025



Flow

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

750 - Dual Units

Frequency 60 Hz
Pump Speed 3450 RPM
Impeller 110mm

Specifications subject to change without notice