

 INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® RX750		
	Dwg:	DS-C22-005	Rev:	1	Date:	8/15/2025

GENERAL DATA

MAX. FLOW:	70 GPM (264.9 L/min)
MAX. HEAD:	40' (12.1m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	DEWATERING TOP DISCHARGE
PUMP DOWN WATER LEVEL:	2.25" (57 mm)
SOLID SIZE:	1/4" (6.3 mm)
STRAINER OPENING:	1/4" (6.3 mm)
IMPELLER DIAMETER:	4.34" (110 mm)
DISCHARGE SIZE	2" NPT-MALE
PUMP WEIGHT (without cable):	55 lbs (25 kg)
SHIPPING WEIGHT:	68 lbs (31 kg)

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/CERAMIC, FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, FKM
MOTOR CASING	316 SS
PUMP VOLUTE	316 SS
IMPELLER	316 SS
STRAINER	316 SS
BOTTOM PLATE	316 SS
LIP SEAL & O-RINGS	FKM
ROTOR SHAFT	316 SS
EXTERNAL HARDWARE	316 SS
BALL BEARING: PERM. LUBE. UPPER	6203
BALL BEARING: PERM. LUBE. LOWER	6304

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	1, SUBMERSIBLE , (CONTINUOUS DUTY)	
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)	65	32.5
POWER CABLE: GAGE-LENGTH	AWG 14/3, 50' (15m) STOW	
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD	
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)	

1 - Available in other voltages for 50Hz

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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



INDUSTRIAL
FLOW
SOLUTIONS™

PERFORMANCE CURVE

BJM Pumps® RX750

Dwg:

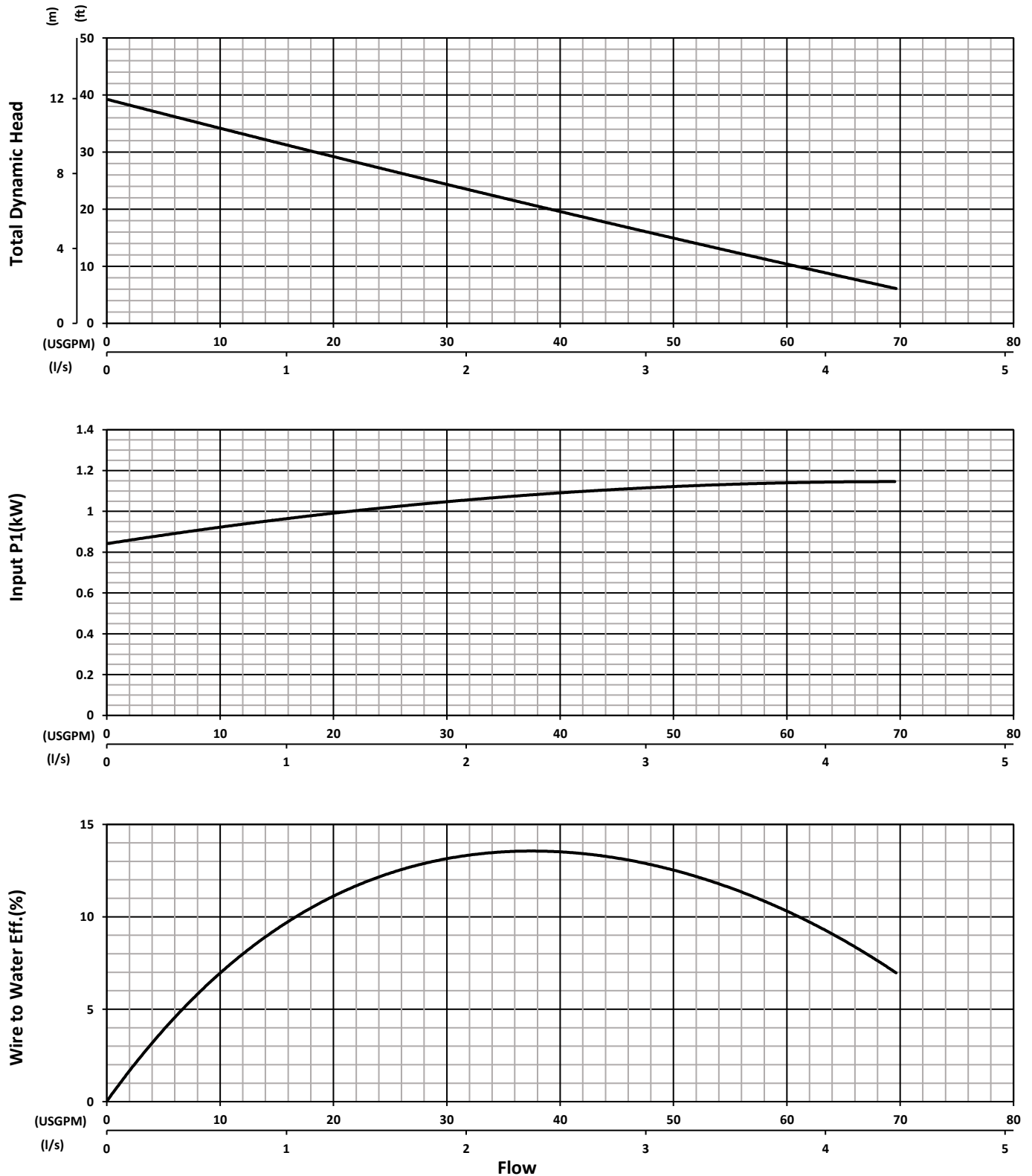
DS-C22-004

Rev:

1

Date:

8/7/2025



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

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