

TECHNICAL DATA
MODEL J750
BJM Pumps® SUBMERSIBLE PUMP -
CAST IRON GENERAL DATA



MAX. FLOW: GPM (L/min)	91 GPM (344 L/min)
MAX. HEAD: ft (m)	50' (15.2 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)	4.33" (110 mm)
DISCHARGE SIZE	2" NPT-MALE
PUMP WEIGHT, without cable: lbs (kg)	55 lbs (25 kg)
SHIPPING WEIGHT: lbs (kg)	66 lbs (30 kg)

CONSTRUCTION / MATERIAL DATA

MECHANICAL SEAL - UPPER	CARBON/CERAMIC
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE
MOTOR CASING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER- MULTI VANE	CAST IRON
STRAINER	304 SS
LIPSEAL & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN SEAL CHAMBER	9 U.S. FL. OZ. (265 C.C.)
QTY. OIL IN MOTOR STATOR	No oil in motor stator (After ser# 39312). 13.5 U.S. FL. OZ. (400 C.C.) (Before ser# 39312).
BALL BEARING: PERM. LUBE. UPPER	6203
BALL BEARING: PERM. LUBE. LOWER	6304

ELECTRICAL / MOTOR DATA

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

1- Available in other voltages (and in 50 Hz).

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

3 - Continuous duty motor – see minimum submersion depth at General Data table above.

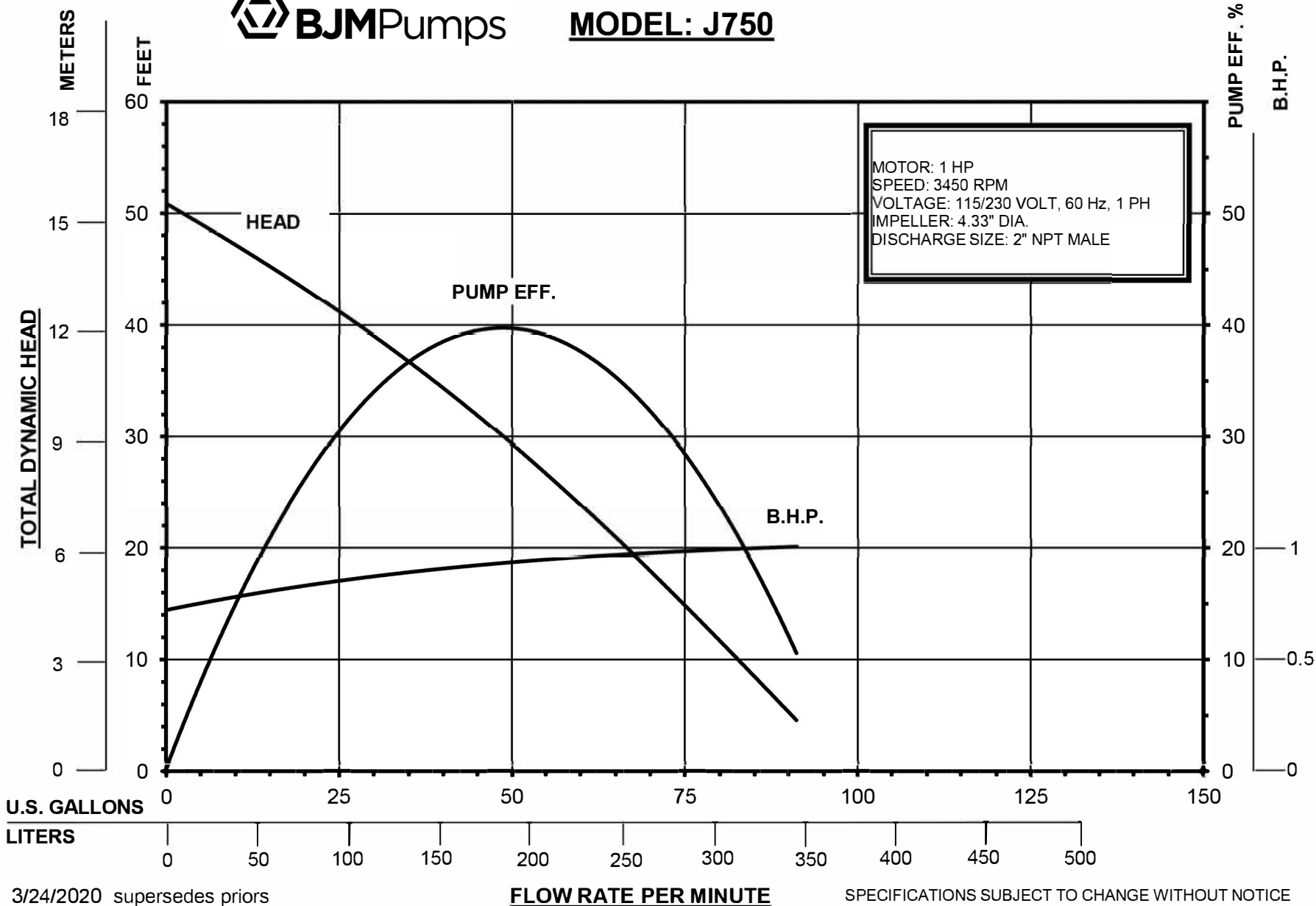
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BJM Pumps

MODEL: J750



MOTOR: 1 HP
SPEED: 3450 RPM
VOLTAGE: 115/230 VOLT, 60 Hz, 1 PH
IMPELLER: 4.33" DIA.
DISCHARGE SIZE: 2" NPT MALE

3/24/2020 supersedes priors

FLOW RATE PER MINUTE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE