

TECHNICAL DATA
MODEL R400-115
BJM Pumps® SUBMERSIBLE PUMP-CAST IRON



115V

GENERAL DATA

MAX. FLOW: GPM (L/min)	66 GPM (249 L/min)
MAX. HEAD: ft (m)	35' (10.6 m)
MAX. SUBMERSION DEPTH: ft (m)	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	TOP DISCHARGE, DEWATERING
SOLID SIZE: in (mm)	1/8" (3.1 mm)
STRAINER OPENING	0.1875" (4.7 mm)
PUMP DOWN WATER LEVEL: in (mm)	2.25" (57 mm)
IMPELLER DIAMETER: in (mm)	3.75" (95 mm)
DISCHARGE SIZE	2" NPT-MALE
PUMP WEIGHT, without cable: lbs (kg)	29 lbs (13.2 kg)
SHIPPING WEIGHT: lbs (kg)	33 lbs (15 kg)

CONSTRUCTION/MATERIAL DATA

MECHANICAL SEAL - UPPER	CARBON/CERAMIC
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE
OUTER CASING	304 SS
MOTOR CASING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER- MULTI VANE	CAST IRON
STRAINER	304 SS
BOTTOM PLATE	RUBBER COATED CAST IRON
LIPSEAL & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN SEAL CHAMBER	1.35 U.S. FL. OZ. (40 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6201
BALL BEARING: PERM. LUBE. LOWER	6201

ELECTRICAL /MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 0.5 (CONTINUOUS DUTY)
MOTOR RPM	3450
MOTOR INSULATION CLASS	F
MOTOR SERVICE FACTOR	1.1
VOLTAGE ¹	115, 1 PH, 60 Hz
CURRENT F.L.A.	6
LOCKED ROTOR CURRENT (LRA)	22
MOTOR PROTECTION	THERMAL BREAKER
POWER CORD: GAGE; LENGTH	A.W.G. 16/3; 33' (10 m), STOW
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)

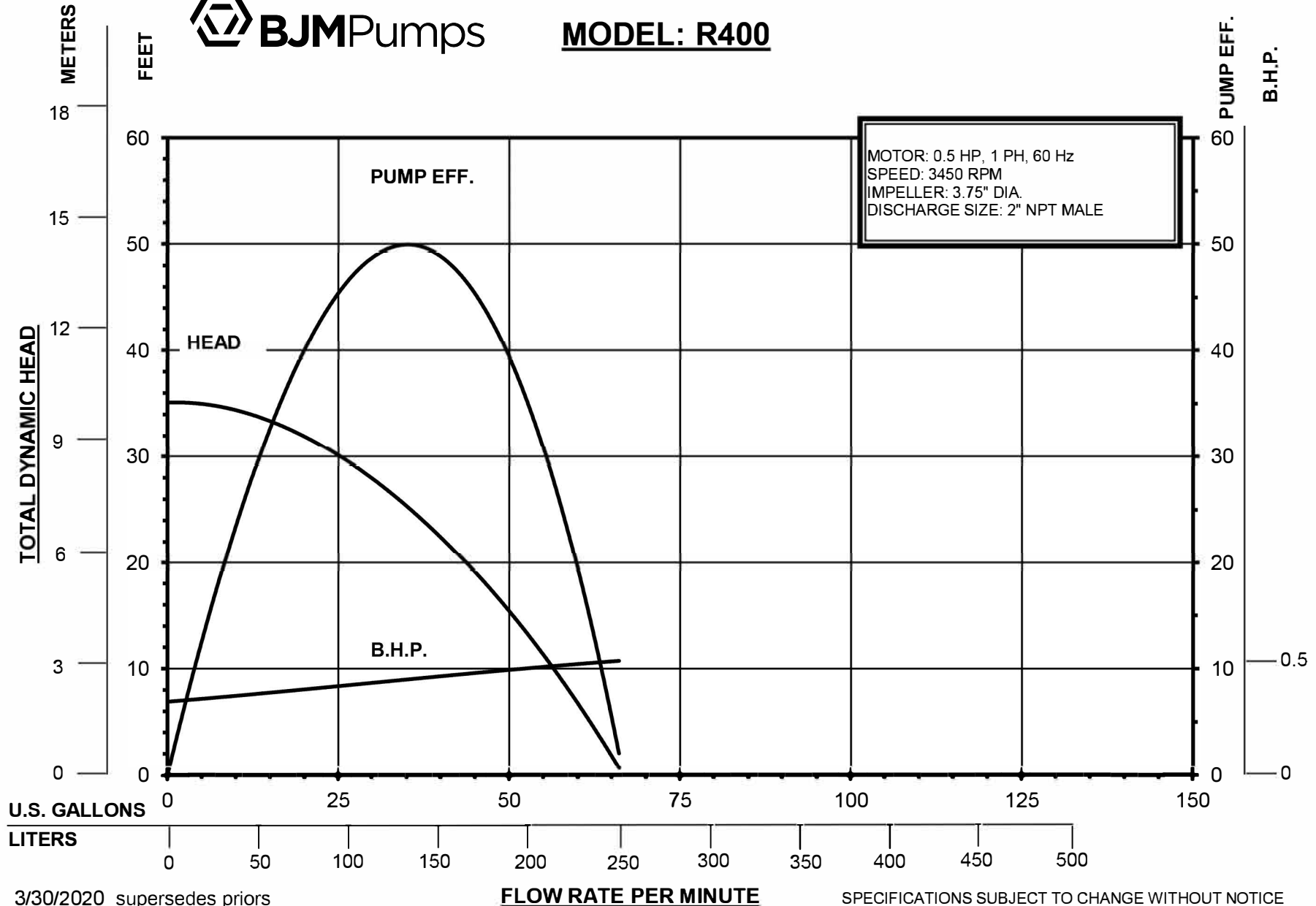
1- Available in other voltages (and in 50 Hz).

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MODEL: R400



3/30/2020 supersedes priors

FLOW RATE PER MINUTE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Visit our website: www.flowsolutions.com

TECHNICAL DATA
MODEL R400-230
BJM Pumps® SUBMERSIBLE PUMP-CAST IRON
GENERAL DATA

MAX. FLOW: GPM (L/min)	66 GPM (249 L/min)
MAX. HEAD: ft (m)	35' (10.6 m)
MAX. SUBMERSION DEPTH: ft (m)	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	TOP DISCHARGE, DEWATERING
SOLID SIZE: in (mm)	1/8" (3.1 mm)
STRAINER OPENING	0.1875" (4.7 mm)
PUMP DOWN WATER LEVEL: in (mm)	2.25" (57 mm)
IMPELLER DIAMETER: in (mm)	3.75" (95 mm)
DISCHARGE SIZE	2" NPT-MALE
PUMP WEIGHT, without cable: lbs (kg)	29 lbs (13.2 kg)
SHIPPING WEIGHT: lbs (kg)	33 lbs (15 kg)

CONSTRUCTION/MATERIAL DATA

MECHANICAL SEAL - UPPER	CARBON/CERAMIC
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE
OUTER CASING	304 SS
MOTOR CASING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER- MULTI VANE	CAST IRON
STRAINER	304 SS
BOTTOM PLATE	RUBBER COATED CAST IRON
LIPSEAL & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN SEAL CHAMBER	1.35 U.S. FL. OZ. (40 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6201
BALL BEARING: PERM. LUBE. LOWER	6201

ELECTRICAL /MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 0.5 (CONTINUOUS DUTY)
MOTOR RPM	3450
MOTOR INSULATION CLASS	F
MOTOR SERVICE FACTOR	1.1
VOLTAGE ¹	230, 1 PH, 60 Hz
CURRENT F.L.A.	3
LOCKED ROTOR CURRENT (LRA)	11
MOTOR PROTECTION	THERMAL BREAKER
POWER CORD: GAGE; LENGTH	A.W.G. 16/3; 33' (10 m), STOW
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)

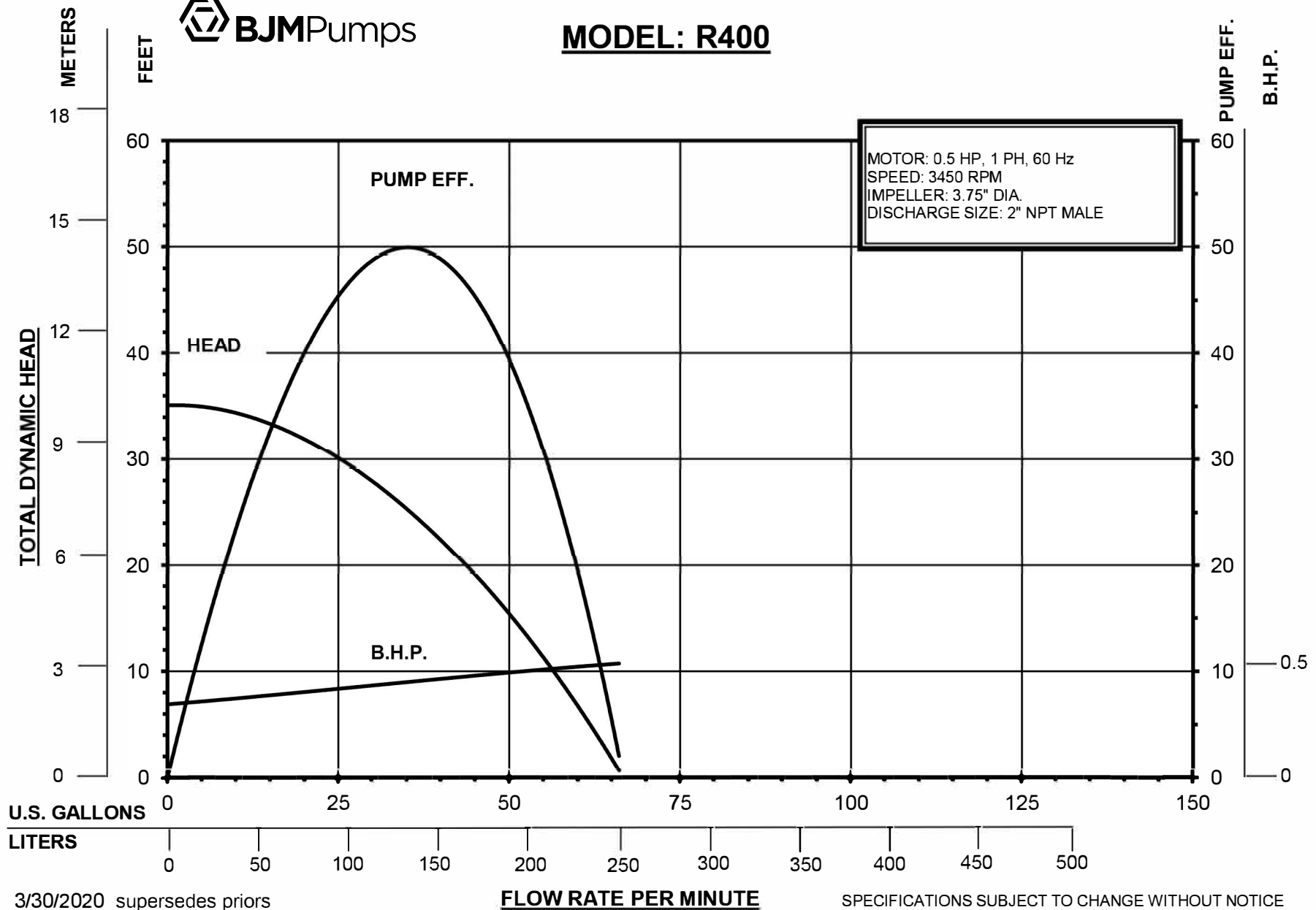
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MODEL: R400



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