

TECHNICAL DATA
MODEL SV250-115
BJM Pumps® SUBMERSIBLE PUMP-CAST IRON



GENERAL DATA

MAX. FLOW: GPM (L/min)	51 GPM (195 L/min)
MAX. HEAD: ft (m)	19' (6 m)
MAX. SUBMERSION DEPTH: ft (m)	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	NON CLOG VORTEX
MINIMUM SUBMERSION DEPTH: in(mm)	9.5" (242 mm)
SOLID SIZE: in (mm)	1 3/8" (35 mm)
IMPELLER DIAMETER: in (mm)	3.03" (77 mm)
DISCHARGE SIZE	2" NPT-MALE (45 degree elbow)
PUMP WEIGHT, without cable: lbs (kg)	30 lbs (14 kg)
SHIPPING WEIGHT: lbs (kg)	36 lbs. (17 kg)

CONSTRUCTION/MATERIAL DATA

MECHANICAL SEAL - UPPER	CARBON/CERAMIC
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE
MOTOR HOUSING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER	VORTEX, FIBERGLASS REINFORCED PLASTIC
LIP SEALS & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN SEAL CHAMBER	5.1 U.S. FL. OZ. (150 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6201
BALL BEARING: PERM. LUBE. LOWER	6201

ELECTRICAL /MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 0.33 (CONTINUOUS DUTY ²)
MOTOR RPM	3450
MOTOR INSULATION CLASS	B
MOTOR SERVICE FACTOR	1.0
VOLTAGE ¹ - 1 PH, 60 Hz	115V
CURRENT F.L.A.	4
MOTOR PROTECTION	THERMAL BREAKER
POWER CORD: GAGE; LENGTH	A.W.G. 16/3; 33' (10m), STOW
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)

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

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

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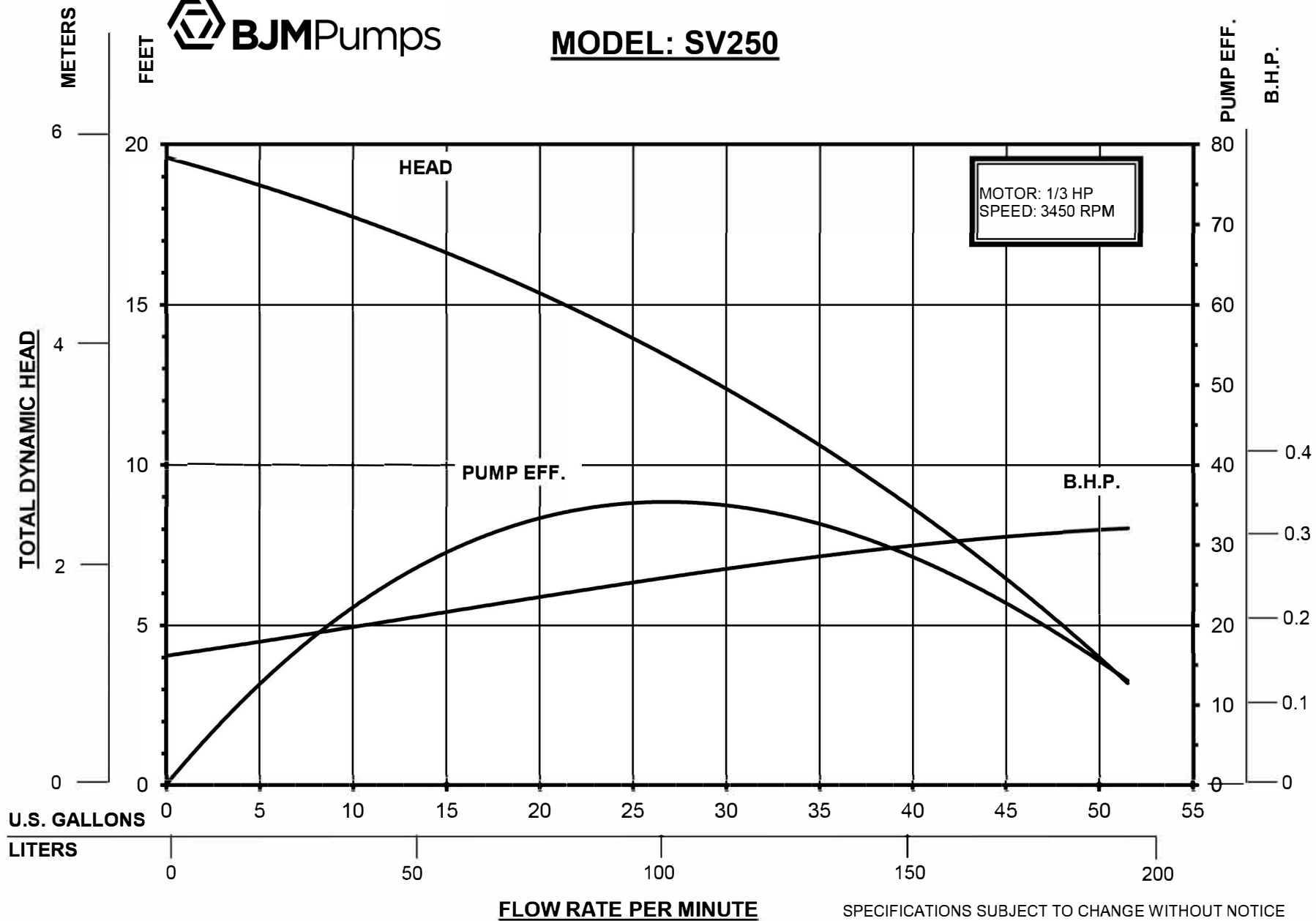
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BJMPumps

MODEL: SV250



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

4/29/2020

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TECHNICAL DATA
MODEL SV250-230
BJM Pumps® SUBMERSIBLE PUMP-CAST IRON



GENERAL DATA

MAX. FLOW: GPM (L/min)	51 GPM (195 L/min)
MAX. HEAD: ft (m)	19' (6 m)
MAX. SUBMERSION DEPTH: ft (m)	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	NON CLOG VORTEX
MINIMUM SUBMERSION DEPTH: in(mm)	9.5" (242 mm)
SOLID SIZE: in (mm)	1 3/8" (35 mm)
IMPELLER DIAMETER: in (mm)	3.03" (77 mm)
DISCHARGE SIZE	2" NPT-MALE (45 degree elbow)
PUMP WEIGHT, without cable: lbs (kg)	30 lbs (14 kg)
SHIPPING WEIGHT: lbs (kg)	36 lbs. (17 kg)

CONSTRUCTION/MATERIAL DATA

MECHANICAL SEAL - UPPER	CARBON/CERAMIC
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE
MOTOR HOUSING	304 SS
PUMP VOLUTE	CAST IRON
IMPELLER	VORTEX, FIBERGLASS REINFORCED PLASTIC
LIP SEALS & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN SEAL CHAMBER	5.1 U.S. FL. OZ. (150 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6201
BALL BEARING: PERM. LUBE. LOWER	6201

ELECTRICAL /MOTOR DATA

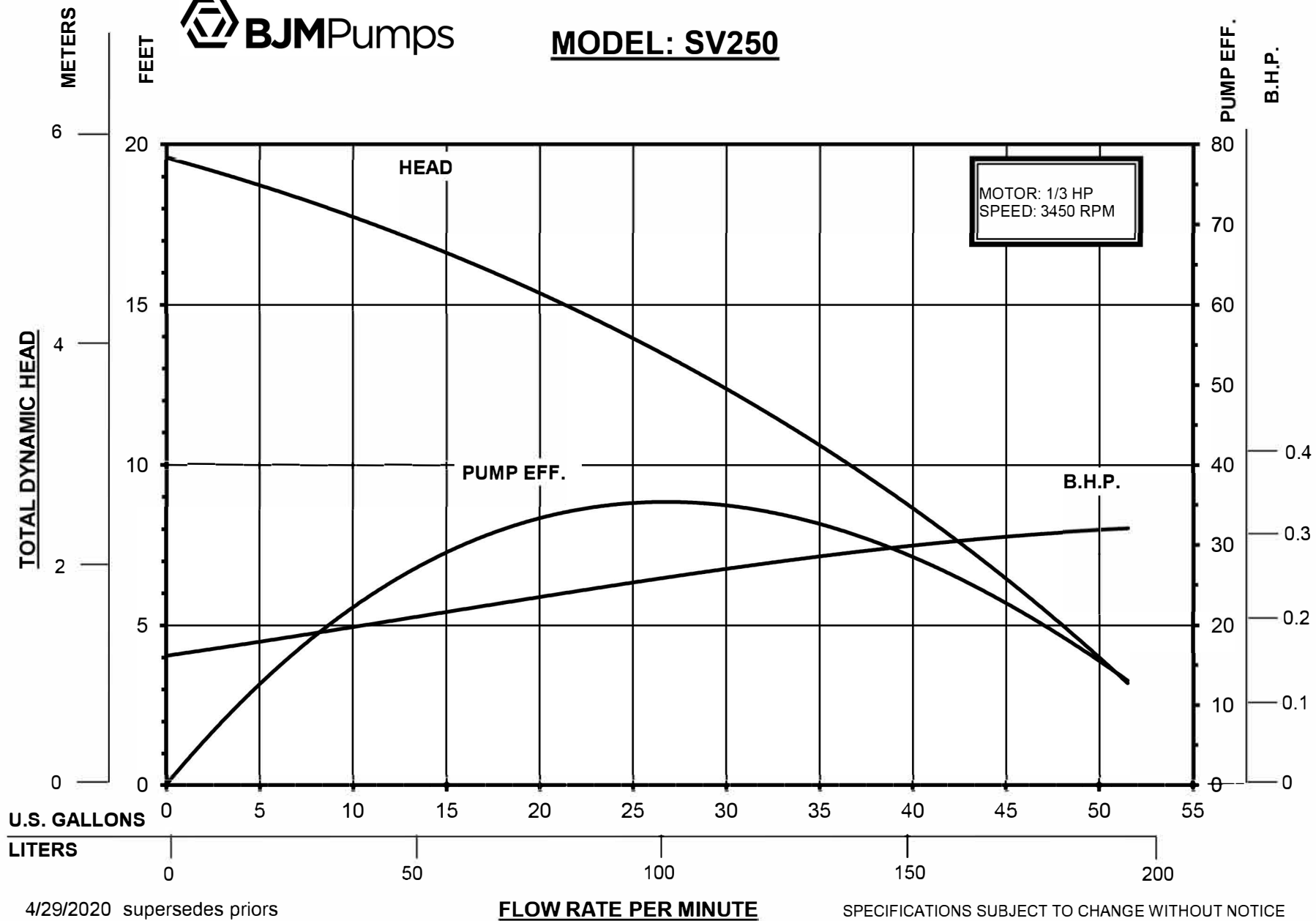
MOTOR: TYPE, RATING HP	SUBMERSIBLE, 0.33 (CONTINUOUS DUTY ²)
MOTOR RPM	3450
MOTOR INSULATION CLASS	B
MOTOR SERVICE FACTOR	1.0
VOLTAGE ¹ - 1 PH, 60 Hz	230V
CURRENT F.L.A.	2
MOTOR PROTECTION	THERMAL BREAKER
POWER CORD: GAGE; LENGTH	A.W.G. 16/3; 33' (10m), STOW
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)

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

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

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FLOW RATE PER MINUTE

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