

**TECHNICAL DATA**  
**MODEL SV400**  
**BJM Pumps® SUBMERSIBLE PUMP-CAST IRON**



**GENERAL DATA**

|                                      |   |
|--------------------------------------|---|
| MAX. FLOW: GPM (L/min)               | 59 GPM (223 L/min)  |
| MAX. HEAD: ft (m)                    | 22' (6.7 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)     | 10.5" (267 mm)  |
| SOLID SIZE: in (mm)                  | 1.5" (38 mm)  |
| IMPELLER DIAMETER: in (mm)           | 3.21" (81.6 mm)   |
| DISCHARGE SIZE                       | 2" NPT-MALE   |
| SLIDE RAIL SYSTEM                    | 2" DISCHARGE  |
| PUMP WEIGHT, without cable: lbs (kg) | 34 lbs (15.5 kg)  |
| SHIPPING WEIGHT: lbs (kg)            | 40 lbs. (18.2 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, CAST IRON               |
| 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, 0.5 (CONTINUOUS DUTY <sup>2</sup> ) |      |
| MOTOR RPM                          | 3450   |      |
| MOTOR INSULATION CLASS             | F  |      |
| MOTOR SERVICE FACTOR               | 1.1  |      |
| VOLTAGE <sup>1</sup> - 1 PH, 60 Hz | 115V   | 230V |
| CURRENT F.L.A.                     | 7.6  | 3.8  |
| LOCKED ROTOR CURRENT (LRA)         | 24   | 12   |
| 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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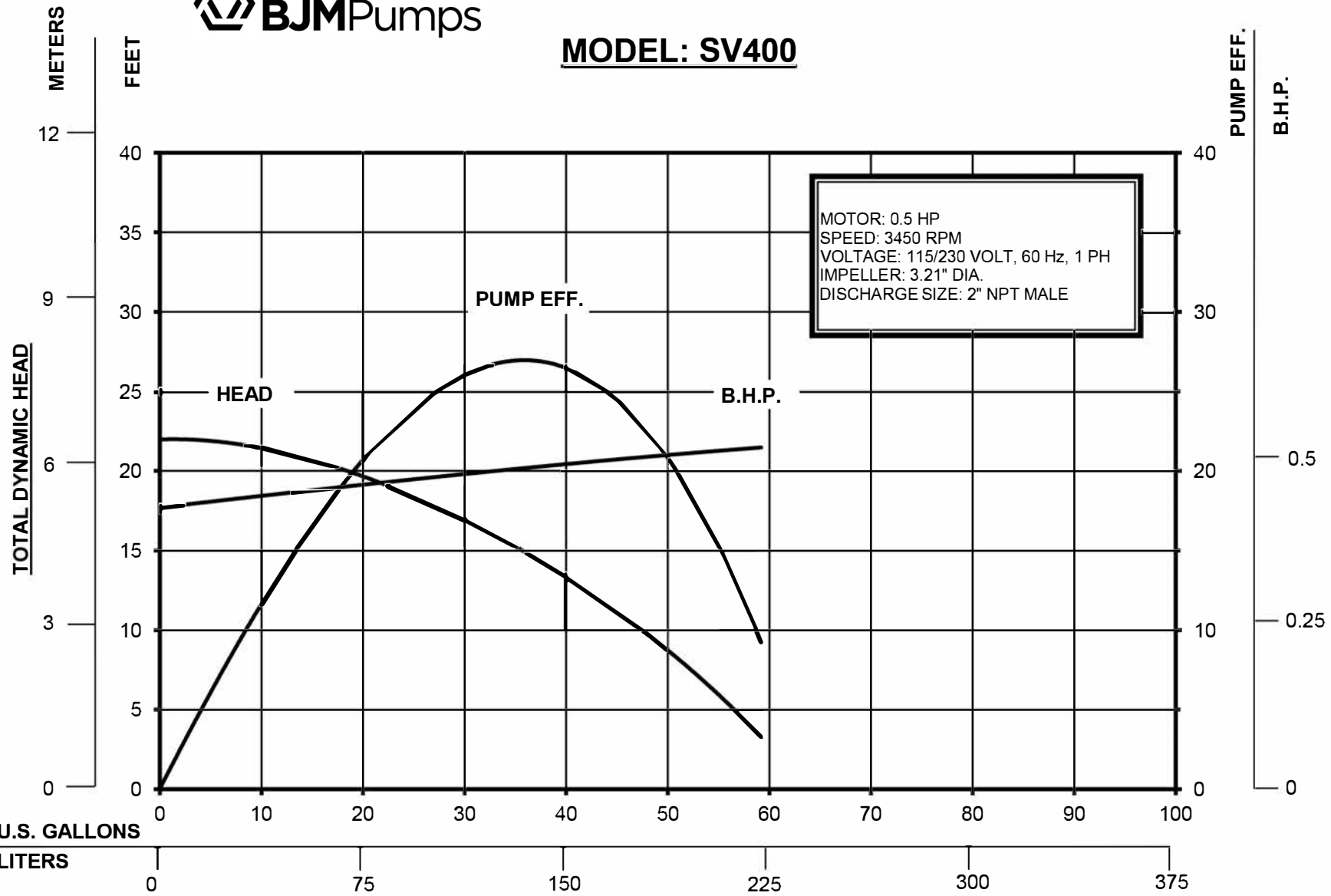
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**MODEL: SV400**



4/29/2020 supersedes priors

**FLOW RATE PER MINUTE**

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