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5/1/2012
0816
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TECHNICAL DATA
MODEL SV400
BJM 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 ²)	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	F	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE ¹ - 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).

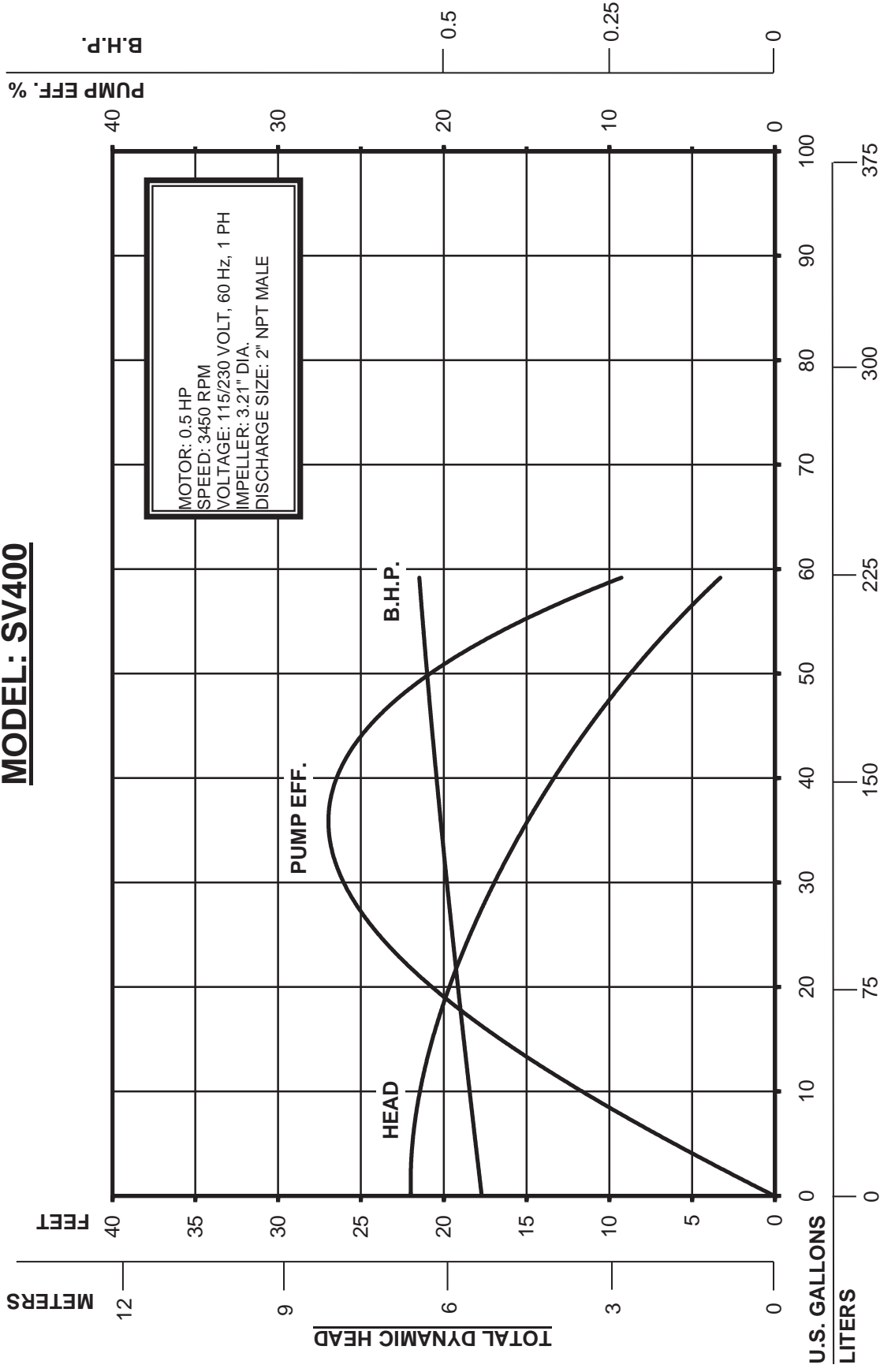
2 - Continuous duty motor – see minimum submersion depth at General Data table above.

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REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



MODEL: SV400



MOTOR: 0.5 HP
SPEED: 3450 RPM
VOLTAGE: 115/230 VOLT, 60 Hz, 1 PH
IMPELLER: 3.21" DIA.
DISCHARGE SIZE: 2" NPT MALE

2/17/2006 supersedes priors

FLOW RATE PER MINUTE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE