



Visit our website: www.bjmpumps.com

8/5/2016
0811
Supersedes
0810

**TECHNICAL DATA
MODEL TIGF 32-9NL
BJM SUBMERSIBLE PUMP**

GENERAL DATA

| | |
|--------------------------------|---|
| MAX. FLOW: GPM (L/min) | 46 GPM (174 L/min) |
| MAX. HEAD: ft (m) | 27' (8.2 m) |
| MAX. SUBMERSION DEPTH: ft (m) | 33' (10 m) or limited to length of power cord |
| PUMP TYPE | TOP or SIDE DISCHARGE, CHEMICAL RESISTANT |
| STRAINER OPENING | 0.25" (6.35 mm) |
| PUMP DOWN WATER LEVEL: in (mm) | 1.5" (38 mm) |
| IMPELLER DIAMETER: in (mm) | 3.15" (80 mm) |
| DISCHARGE CONNECTION | 1 ¼" NPT-FEMALE or 1 ½" TAPERED HOSE |
| PUMP NET WEIGHT: lbs (kg) | 13.5 lbs (6.2 kg) |
| SHIPPING WEIGHT: lbs (kg) | 17 lbs (7.7 kg) |

CONSTRUCTION/MATERIAL DATA

| | |
|---------------------------------|---|
| LIP SEAL - UPPER | FKM (fluoroelastomer) |
| LIP SEAL - LOWER | FKM (fluoroelastomer) |
| O-RINGS | FKM (fluoroelastomer) |
| O-RINGS - MOTOR HOUSING | FKM (fluoroelastomer) |
| PUMP TOP COVER | Ultramid B3 WG 7 |
| PUMP HANDLE | PP (Polypropylene) |
| PUMP CASING | NORYL GTX830 with 30% glass reinforcement |
| IMPELLER – MULTI VANE | NORYL GTX830 |
| SUCTION COVER PLATE | NORYL GTX830 |
| STRAINER | PPO-PA (Polyphenylene Oxide) |
| ROTOR SHAFT | TITANIUM |
| EXTERNAL HARDWARE | TITANIUM |
| QTY. OIL IN MOTOR | 15 U.S. FL. OZ. (443 C.C.) |
| BALL BEARING: PERM. LUBE. UPPER | 6001 |
| BALL BEARING: PERM. LUBE. LOWER | 6002 |

ELECTRICAL /MOTOR DATA

| | |
|---|---|
| MOTOR: TYPE, RATING HP | SUBMERSIBLE, 0.4 |
| MOTOR RPM | 3450 |
| MOTOR INSULATION CLASS | F |
| MOTOR SERVICE FACTOR | 1.1 |
| VOLTAGE ¹ | 115, 1 PH, 60 Hz |
| CURRENT F.L.A. | 5 |
| MOTOR PROTECTION | THERMAL BREAKER, 150°C (302°F) |
| POWER CORD: GAGE; LENGTH | A.W.G. 16/3; 15' (4.5m), EPDM |
| MINIMUM SUBMERSION DEPTH FOR CONTINUOUS DUTY: in (mm) | 3.5" (89 mm) |
| MAXIMUM LIQUID TEMPERATURE | 135°F (57°C) - Continuous duty 195°F (90°C) - Intermittent use submerge less than 20 minutes |
| LEVEL CONTROL FLOAT SWITCH | NOT AVAILABLE |

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

©2004 - 2016 BJM Pumps, LLC. All rights reserved.

123 Spencer Plain Road

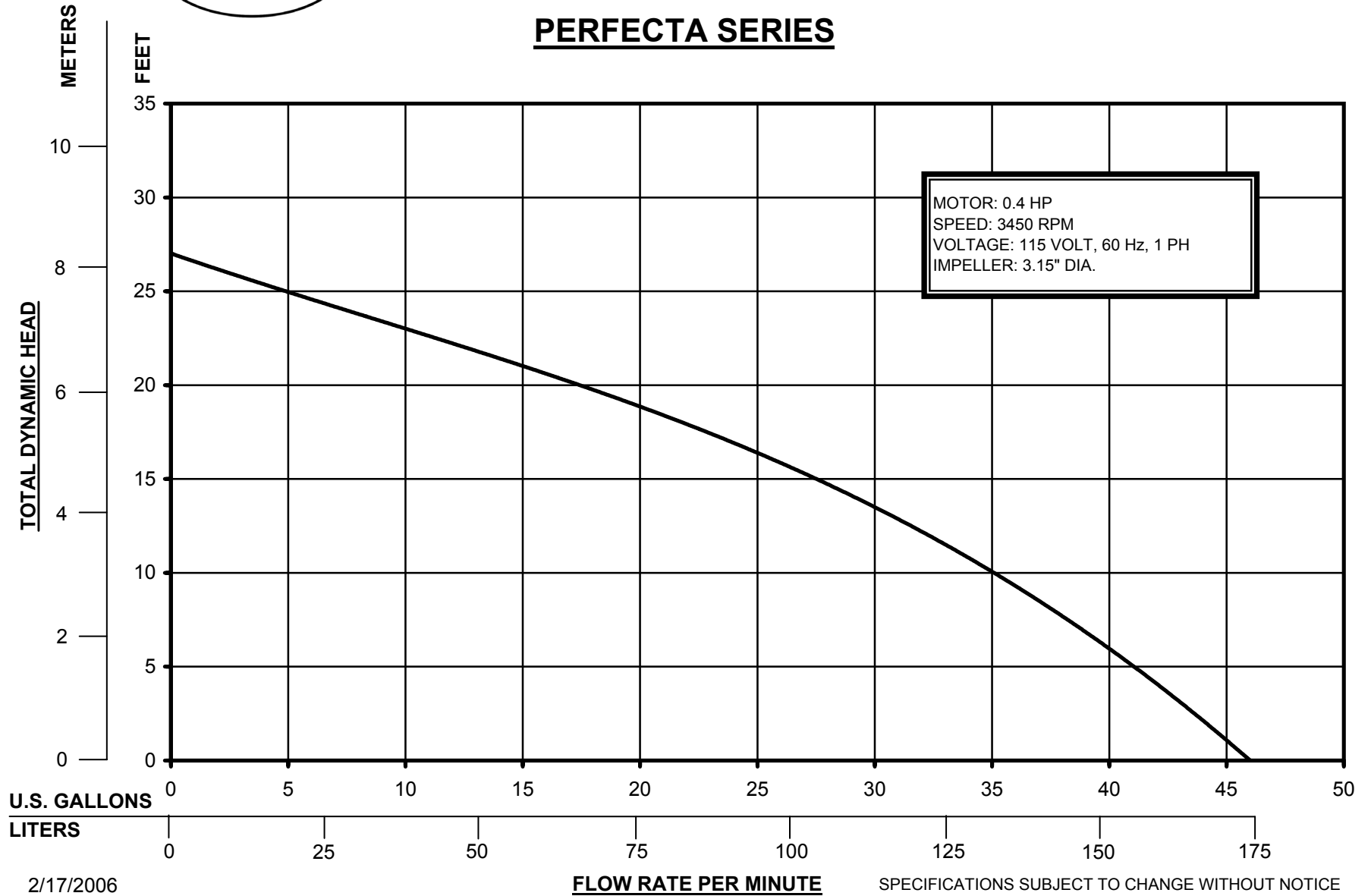
Old Saybrook, CT. 06475, USA

(860)399-5937 - (877) BJM-PUMP - Fax: (860)399-7784

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



PERFECTA SERIES



2/17/2006