



**TECHNICAL DATA**  
**MODEL LWAE15**  
**LIGHT WEIGHT AGITATOR DEWATERING PUMP—CHROME IRON / DUCTILE IRON**

**GENERAL DATA**

|                                      |  |
|--------------------------------------|--|
| MAX. FLOW: GPM (L/min)               | 210 GPM (795 L/min)  |
| MAX. HEAD: ft (m)                    | 50' (15.2 m)   |
| PUMP TYPE                            | TOP DISCHARGE, DEWATERING, AGITATOR  |
| SOLID SIZE: in (mm)                  | 0.4" (11 mm)   |
| MAX. SUBMERSION DEPTH: ft (m)        | 65' (20m) or limited to length of power cord,<br>Consult factory for deeper depths |
| MIN. SUBMERSION DEPTH: ft (m)        | 7.6" (194 mm)  |
| DISCHARGE SIZE                       | 3" NPT   |
| PUMP WEIGHT, without cable: lbs (kg) | 93 lbs. (42 kg)  |
| SHIP WEIGHT: lbs (kg)                | 128 lbs. (58 kg)   |

**CONSTRUCTION / MATERIAL DATA**

|                         |                                 |
|-------------------------|---------------------------------|
| MECHANICAL SEAL - UPPER | CARBON/CERAMIC                  |
| MECHANICAL SEAL - LOWER | SILICON CARBIDE/SILICON CARBIDE |
| MOTOR HOUSING           | 304 SS                          |
| PUMP VOLUTE             | ASTM A48 CLASS 30 CAST IRON     |
| SUCTION COVER           | CAST IRON, 223 BHN              |
| WEAR PLATE              | HIGH CHROME, 653 BHN            |
| AGITATOR                | HARDENED DUCTILE IRON, 477 BHN  |
| IMPELLER                | HIGH CHROME, 653 BHN            |
| STRAINER/STAND          | STEEL                           |
| LIP SEALS & O-RINGS     | BUNA-N                          |
| ROTOR SHAFT             | 304 SS                          |
| EXTERNAL HARDWARE       | 304 SS                          |

**ELECTRICAL / MOTOR DATA**

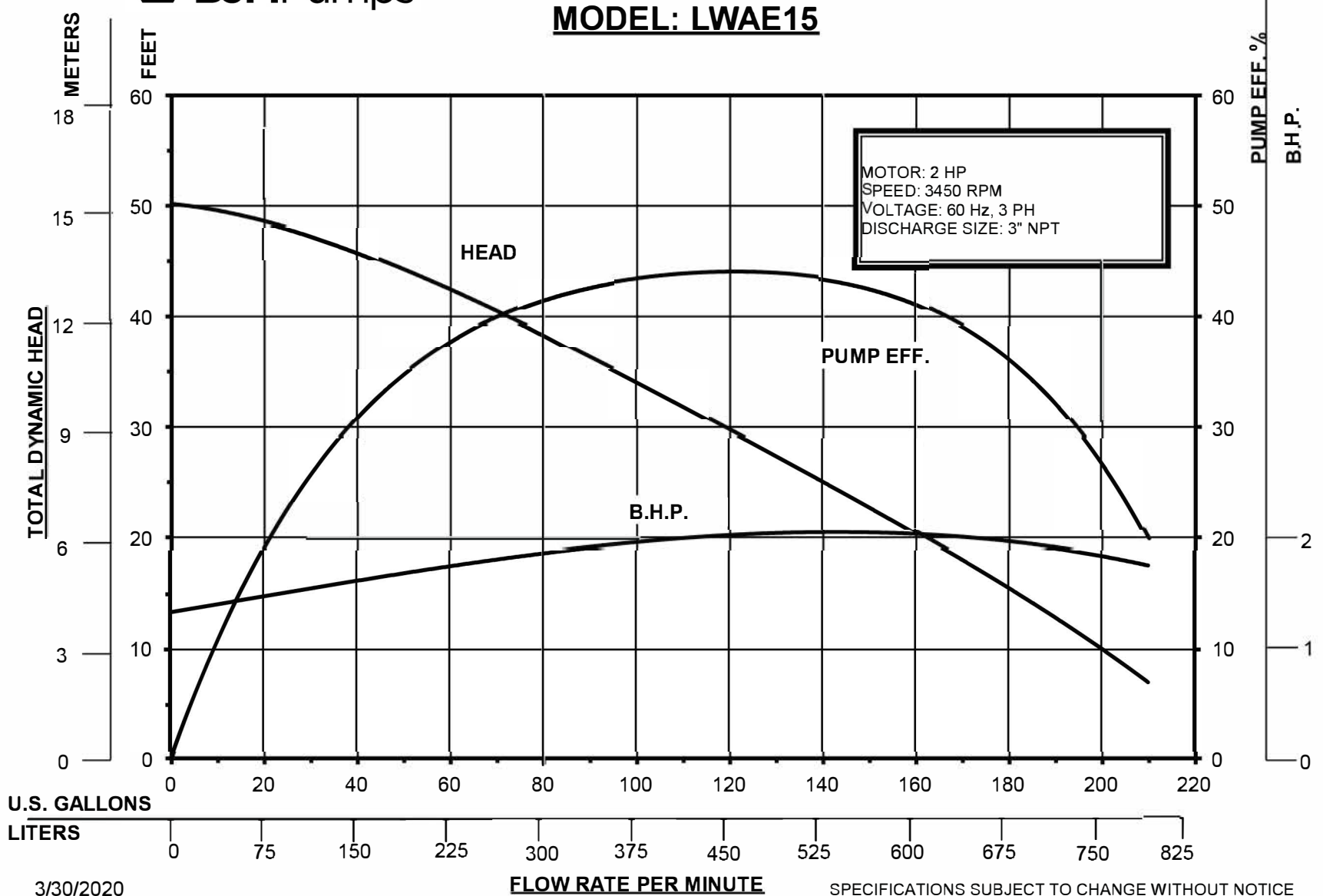
|                                |   |      |      |
|--------------------------------|---|------|------|
| MOTOR: TYPE, RATING HP         | SUBMERSIBLE, 2 (CONTINUOUS DUTY)          |      |      |
| MOTOR RPM                      | 3450                                      |      |      |
| MOTOR INSULATION CLASS         | F   |      |      |
| MOTOR SERVICE FACTOR           | 1.15                                      |      |      |
| VOLTAGE - 3 PH, 60 Hz          | 230V                                      | 460V | 575V |
| CURRENT F.L.A.                 | 6.1                                       | 3.1  | 2.5  |
| MOTOR PROTECTION               | OVERLOAD REQUIRED IN CONTROL              |      |      |
| POWER CORD: GAGE; LENGTH; TYPE | A.W.G. 14/5; 50' (15 m); SOOW(EPR JACKET) |      |      |
| MAXIMUM LIQUID TEMPERATURE     | 104°F (40°C)                              |      |      |

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## MODEL: LWAE15



MOTOR: 2 HP  
 SPEED: 3450 RPM  
 VOLTAGE: 60 Hz, 3 PH  
 DISCHARGE SIZE: 3" NPT

3/30/2020

**FLOW RATE PER MINUTE**

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