

**TECHNICAL DATA**  
**MODEL KZN55CH**  
**HEAVY DUTY SLURRY PUMP – CHROME IRON / HARDENED DUCTILE IRON**  
**GENERAL DATA**

|                                      |  |
|--------------------------------------|--|
| MAX. FLOW: GPM (L/min)               | 449 GPM (1699 L/min)   |
| MAX. HEAD: ft (m)                    | 69' (21 m)   |
| MAX. SUBMERSION DEPTH: ft (m)        | 65' (20m) or limited to length of power cord,<br>Consult factory for deeper depths |
| PUMP TYPE                            | SLURRY HANDLING  |
| SOLID SIZE: in (mm)                  | 1" (25.4 mm)   |
| STRAINER OPENING: in (mm)            | 1.375" (34.9 mm)   |
| PUMP DOWN WATER LEVEL: in (mm)       | 12" (305 mm)   |
| IMPELLER DIAMETER: in (mm)           | 10.82" (275 mm)  |
| DISCHARGE SIZE                       | 3" NPT-MALE (4" NPT-MALE OPTIONAL)   |
| DISCHARGE CONNECTION (Optional)      | 3" or 4" HOSE BARB   |
| PUMP WEIGHT, without cable: lbs (kg) | 367 lbs (166.8 kg)   |
| SHIPPING WEIGHT: lbs (kg)            | 420 lbs. (191 kg)  |

**CONSTRUCTION / MATERIAL DATA**

|                                 |                                 |
|---------------------------------|---------------------------------|
| DUAL MECHANICAL SEALS           | SILICON CARBIDE/SILICON CARBIDE |
| MOTOR HOUSING                   | CAST IRON                       |
| PUMP VOLUTE                     | DUCTILE IRON                    |
| WEAR PLATE                      | HI-CHROME                       |
| AGITATOR                        | HI-CHROME                       |
| IMPELLER                        | MULTI VANE, HI-CHROME           |
| STRAINER/STAND                  | STEEL                           |
| LIP SEALS & O-RINGS             | BUNA-N                          |
| ROTOR SHAFT                     | 410 SS                          |
| EXTERNAL HARDWARE               | 304 SS                          |
| QTY. OIL IN SEAL CHAMBER        | 49 U.S. FL. OZ. (1450 C.C.)     |
| BALL BEARING: PERM. LUBE. UPPER | 6306                            |
| BALL BEARING: PERM. LUBE. LOWER | 6308                            |

**ELECTRICAL / MOTOR DATA**

|  |                                      |      |             |  |
|--|--------------------------------------|------|-------------|--|
| MOTOR: TYPE, RATING HP                     | SUBMERSIBLE, 7.5 (CONTINUOUS DUTY)   |      |             |  |
| MOTOR RPM                                  | 1750                                 |      |             |  |
| MOTOR INSULATION CLASS                     | H                                    |      |             |  |
| MOTOR SERVICE FACTOR                       | 1.15                                 |      |             |  |
| VOLTAGE <sup>1</sup> - 3 PH, 60 Hz         | 230V                                 | 460V | 575V option |  |
| CURRENT F.L.A.                             | 19.5                                 | 9.5  | 7.8         |  |
| LOCKED ROTOR CURRENT (LRA)                 | 130                                  | 65   | 48          |  |
| MOTOR PROTECTION                           | THERMAL & AMP. OVERLOAD              |      |             |  |
| POWER CORD <sup>2</sup> : GAGE; LENGTH     | A.W.G. 10/5; 50' (15.2m), SOOW       |      |             |  |
| MAXIMUM LIQUID TEMPERATURE                 | 104°F (40°C)                         |      |             |  |
| SEAL LEAK DETECTOR <sup>3</sup> (OPTIONAL) | Seal Minder®; MOISTURE SENSING PROBE |      |             |  |

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

2- Changed to 5 lead cord on mid-2006.

3- Requires a seal fail circuit in control panel for warning signal.

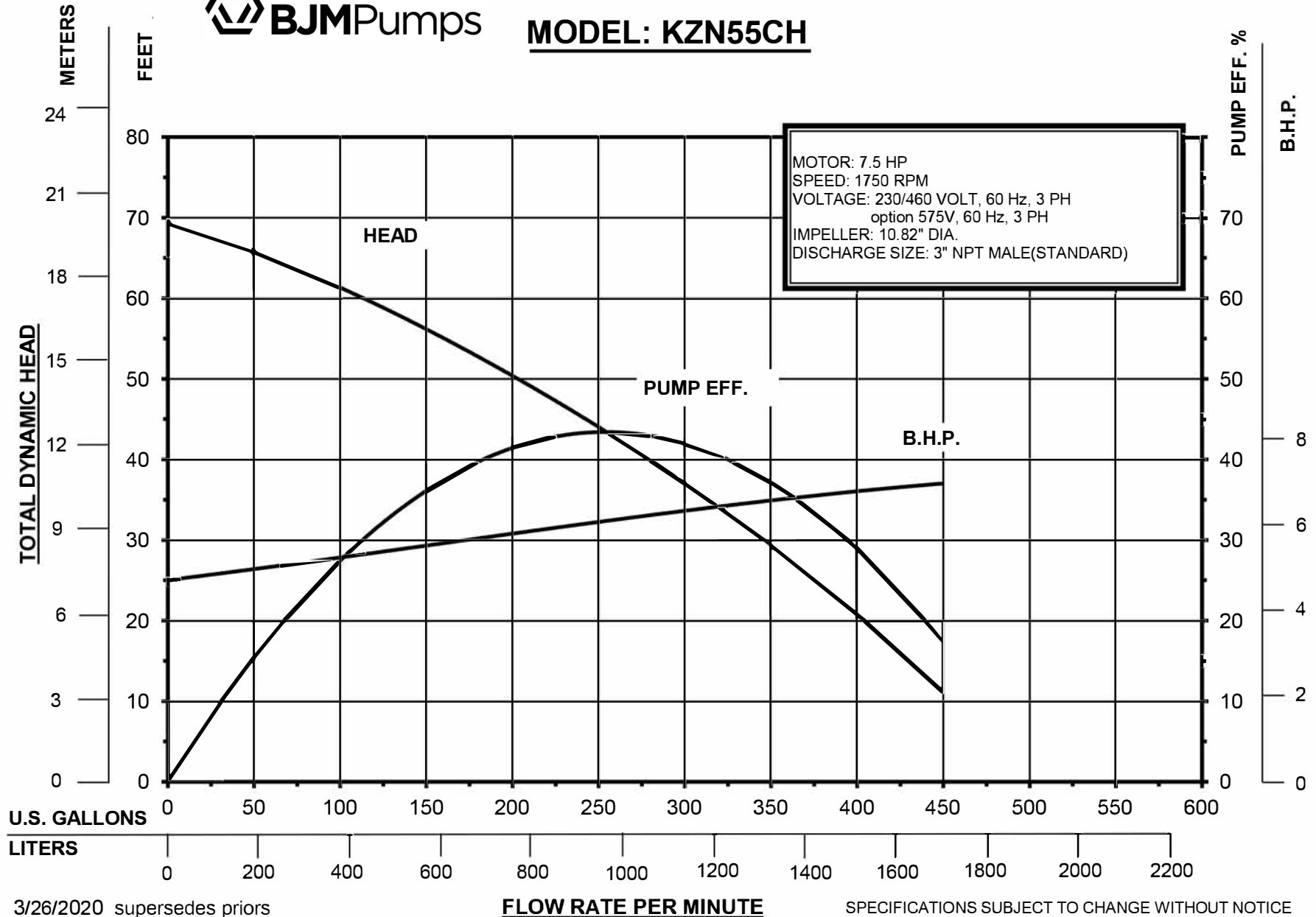
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3/26/2020 supersedes priors

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