

**7.5 Horsepower  
Close-coupled centrifugal pump  
1003-8648**

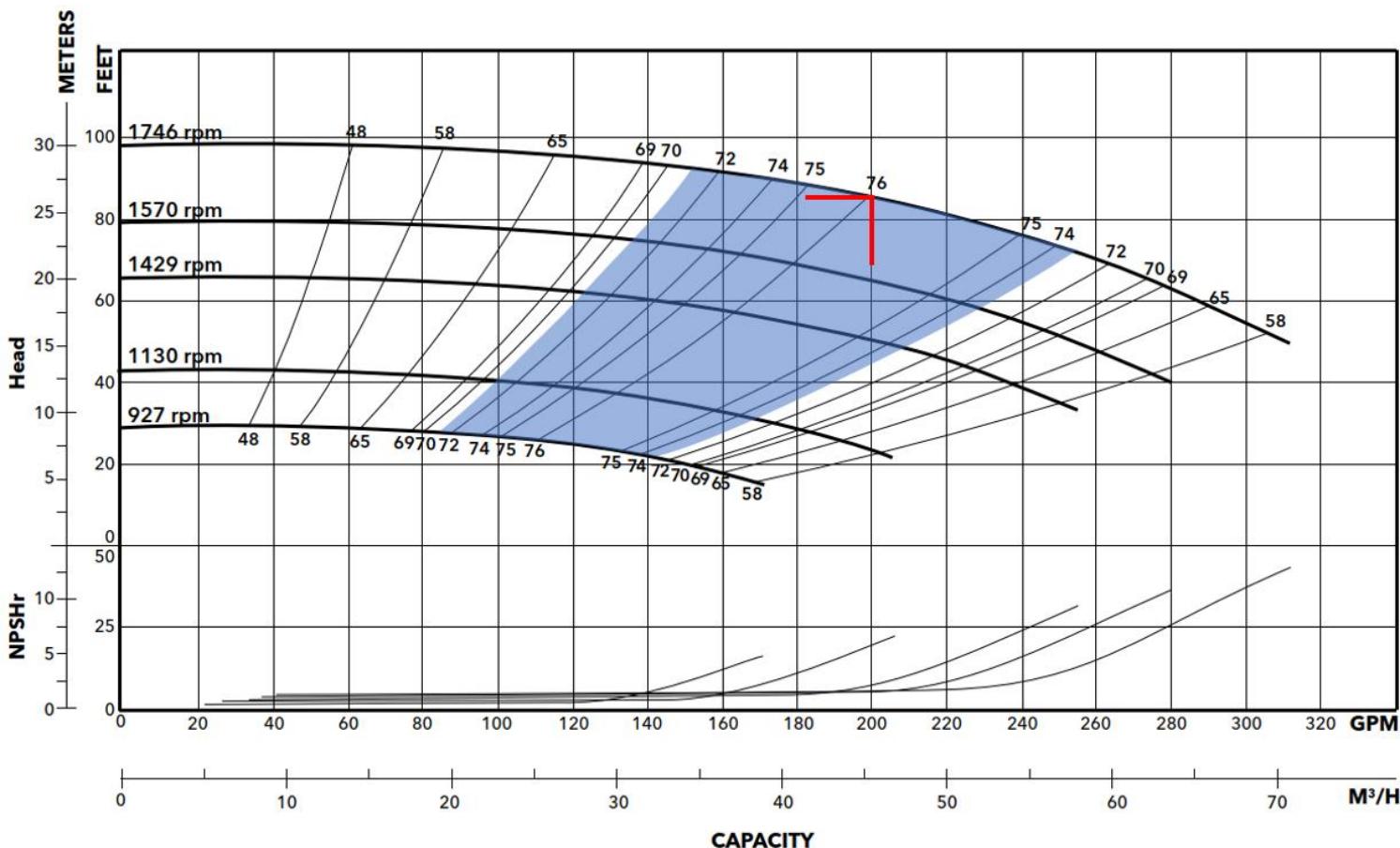


Certified to  
NSF/ANSI/CAN 50



**Performance Curve**

Pump: 2BD  
Impeller: 9.5"  
Nominal motor speed @ 60Hz: 1,800 rpm

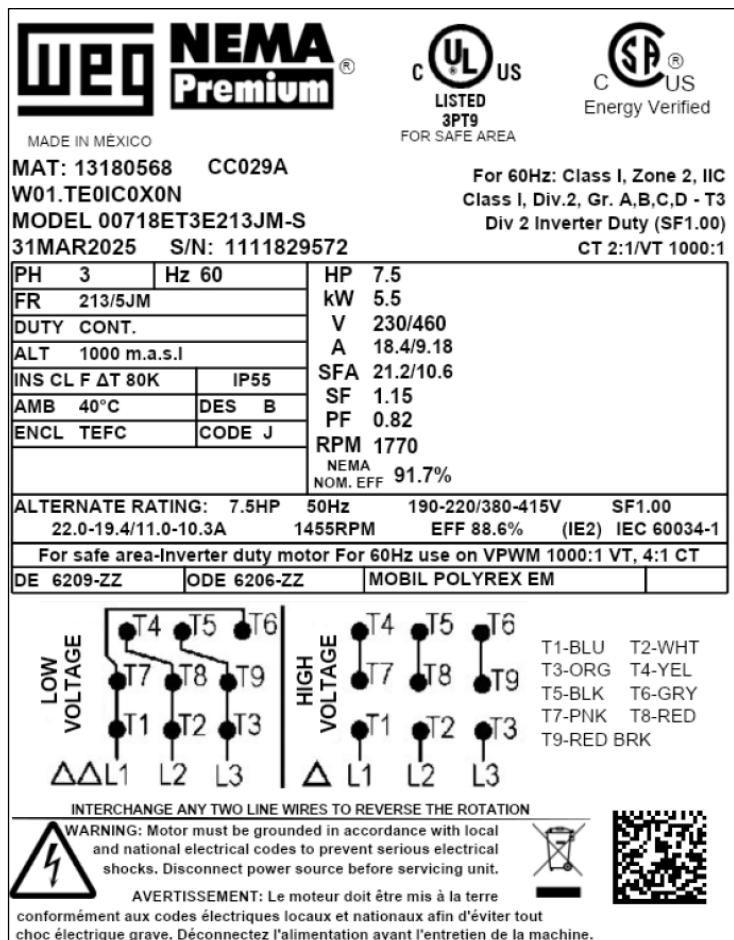


|                                  |   |
|----------------------------------|---|
| <b>Best Efficiency Point</b>     | 200 gpm at 85 ft head<br>Noted with red above |
| <b>Preferred Operating Range</b> | See blue area above                           |
| <b>Maximum working pressure</b>  | 175 psi                                       |
| <b>Impeller size</b>             | 9.5 in  |
| <b>Pump model</b>                | 2BD   |
| <b>Suction</b>                   | 2.5 in  |
| <b>Discharge</b>                 | 2.0 in  |

Updated 4.15.25

**Motor & Electrical**

|                              |   |
|------------------------------|---|
| <b>Rated power, HP</b>       | 7.5   |
| <b>Voltage, 3-phase AC</b>   | <input checked="" type="checkbox"/> 230/460 V<br><input type="checkbox"/> 575 V |
| <b>Frequency, Hz</b>         | 60  |
| <b>Nominal speed, rpm</b>    | 1,800   |
| <b>Enclosure</b>             | Totally enclosed, fan cooled  |
| <b>Frame Size</b>            | 213JM   |
| <b>Shaft Sleeve Diameter</b> | 1.25"   |
| <b>Motor Part Number</b>     | WEG 00718ET3E213JM-S  |

**Motor Nameplate****Materials of Construction**

|                             |  |
|-----------------------------|--|
| <b>Shaft</b>                | Carbon steel per motor manufacturer        |
| <b>Volute</b>               | Cast iron ASTM A48 Class 30B               |
| <b>Impeller</b>             | ASTM A743 Grade CF8 – 304 Stainless Steel  |
| <b>Shaft Sleeve</b>         | ASTM 312 Grade TP304 – 304 Stainless Steel |
| <b>Impeller Key</b>         | 304 Stainless Steel                        |
| <b>Impeller Washer</b>      | Steel                                      |
| <b>Impeller Lock Washer</b> | 304 Stainless Steel                        |
| <b>Impeller Cap Screw</b>   | 304 Stainless Steel                        |
| <b>Volute Gasket</b>        | Cellulose fiber                            |
| <b>Liner</b>                | Scotchkote 134                             |

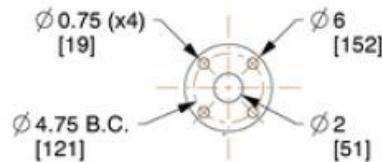
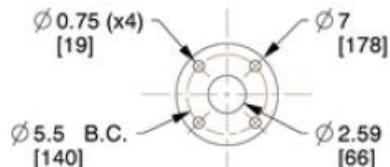
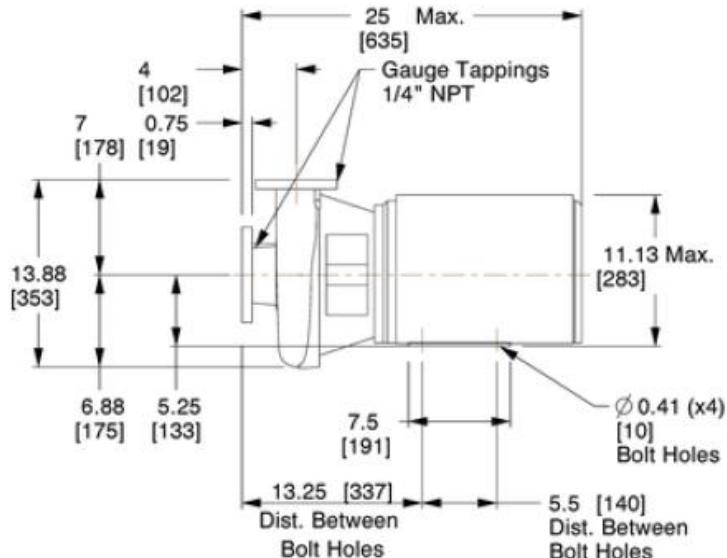
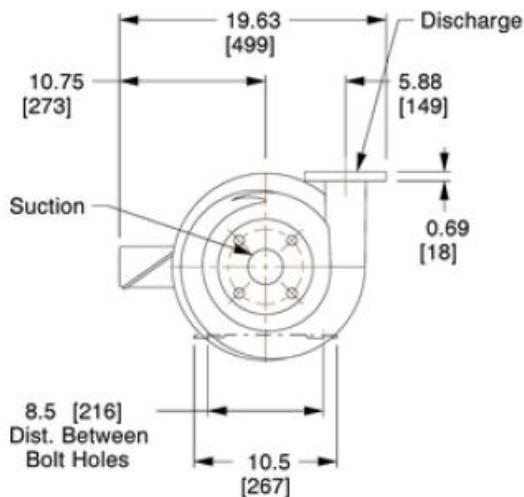
**Mechanical Seal Assembly**

|                        |                       |
|------------------------|-----------------------|
| <b>Design</b>          | Standard              |
| <b>Elastomer</b>       | Buna                  |
| <b>Rotating face</b>   | Carbon                |
| <b>Stationary face</b> | Ceramic               |
| <b>Hardware</b>        | Stainless steel/brass |

Updated 4.15.25

***Physical Dimensions***

|                        |      |
|------------------------|------|
| Approximate weight, lb | 337  |
| Floor space, sq. ft    | 2.16 |

2" DISCHARGE FLANGE  
ANSI 125#2.5" SUCTION FLANGE  
ANSI 125#***Warranty***

18 months from date of shipment, see separate Warranty for terms and conditions

Updated 4.15.25