

**15 Horsepower  
Close-coupled centrifugal pump  
1003-8650**



Certified to  
NSF/ANSI/CAN 50

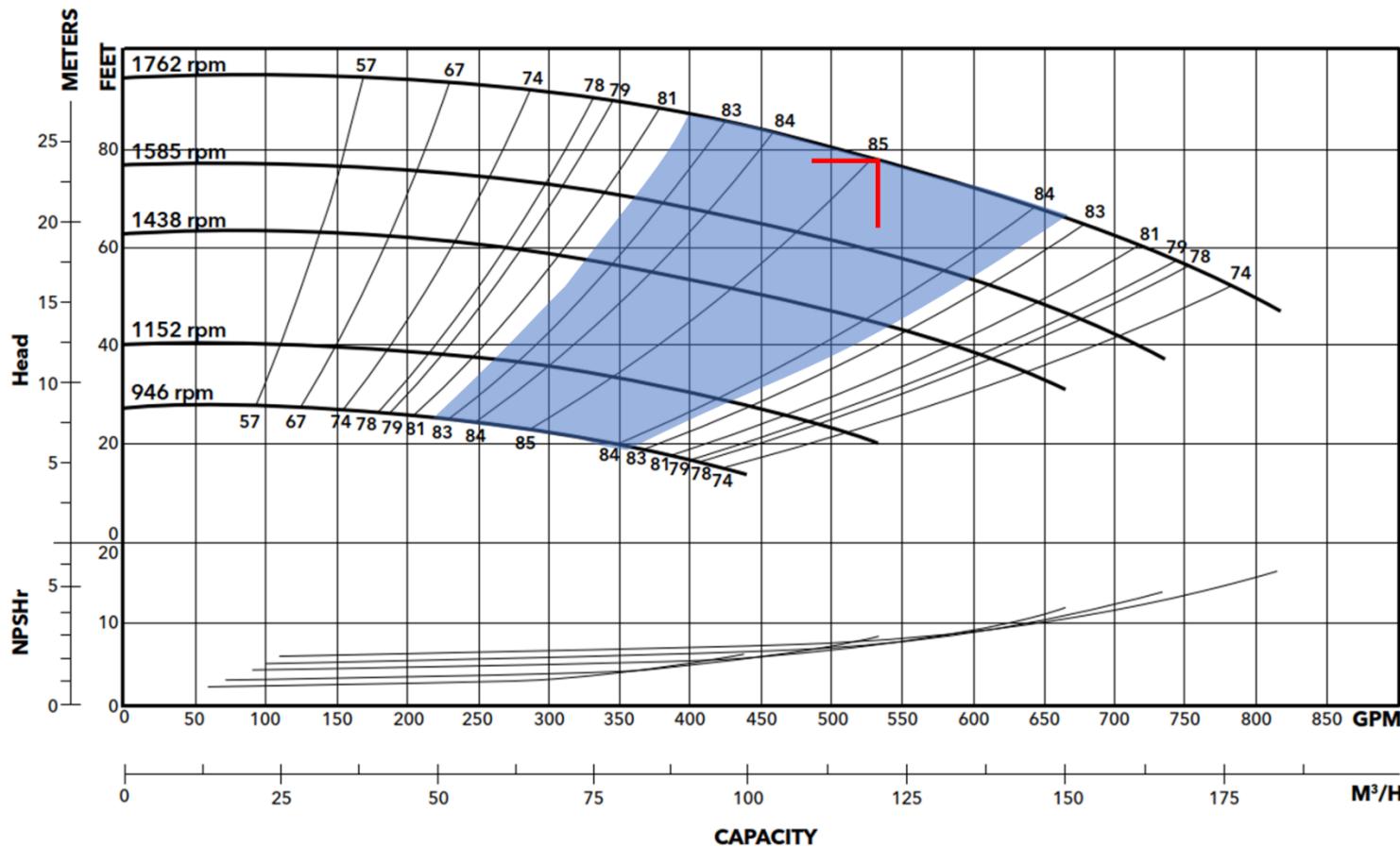


**Performance Curve**

Pump: 3BD

Impeller: 9.5"

Nominal motor speed @ 60Hz: 1,800 rpm

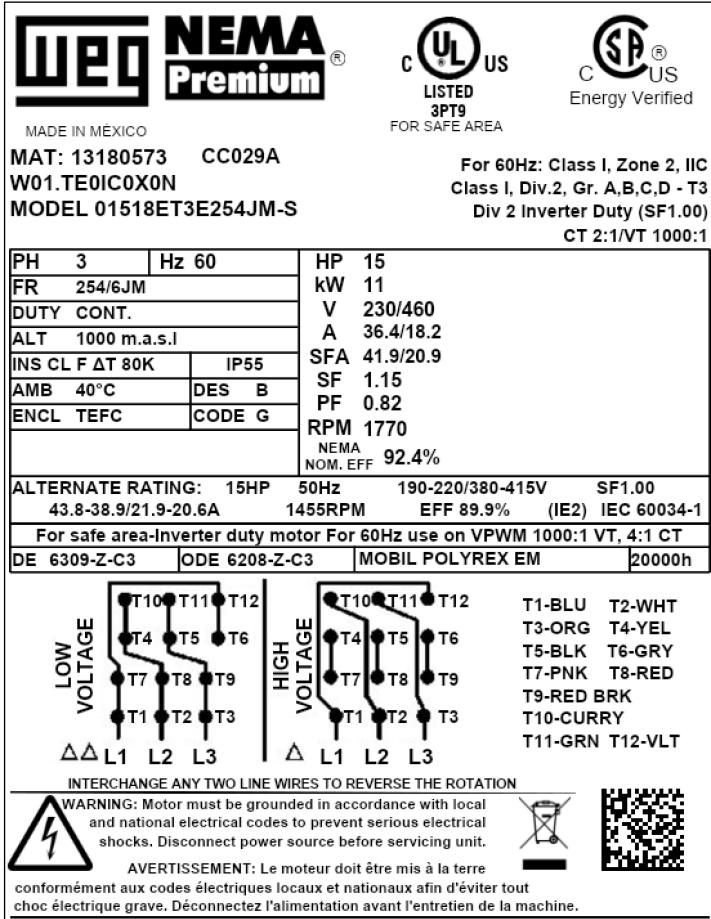


<b>Best Efficiency Point</b>	530 gpm at 78 ft head Noted in red above
<b>Preferred Operating Range</b>	See blue area above
<b>Maximum working pressure</b>	175 psi
<b>Impeller size</b>	9.5 in
<b>Pump model</b>	3BD
<b>Suction</b>	4.0 in
<b>Discharge</b>	3.0 in

Updated 04.14.25

**Motor & Electrical**

<b>Rated power, HP</b>	15
<b>Voltage, 3-phase AC</b>	<input checked="" type="checkbox"/> 230/460 V <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>	254JM
<b>Shaft Sleeve Diameter</b>	1.625"
<b>Motor Part Number</b>	WEG 01518ET3E254JM-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

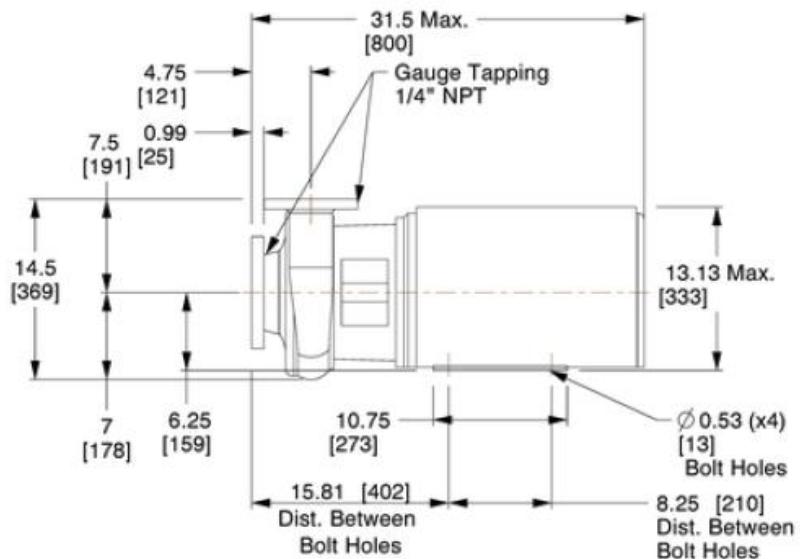
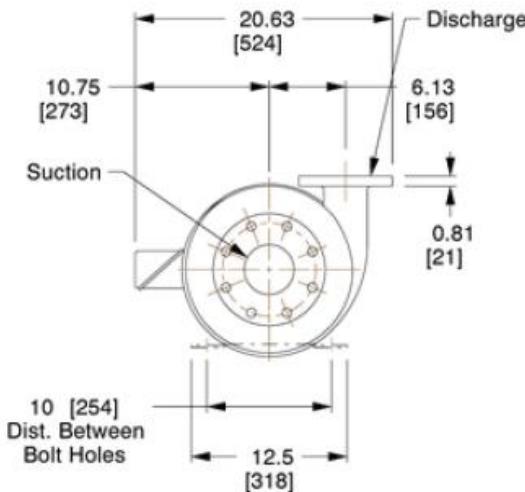
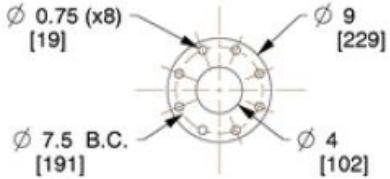
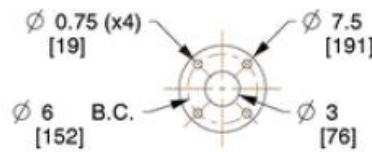
**Mechanical Seal Assembly**

<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 04.14.25

*Physical Dimensions*

Approximate weight, lb	495
Floor space, sq. ft	3.96

**Warranty**

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

Updated 04.14.25