

**5 Horsepower
Close-coupled centrifugal pump
1003-8647**

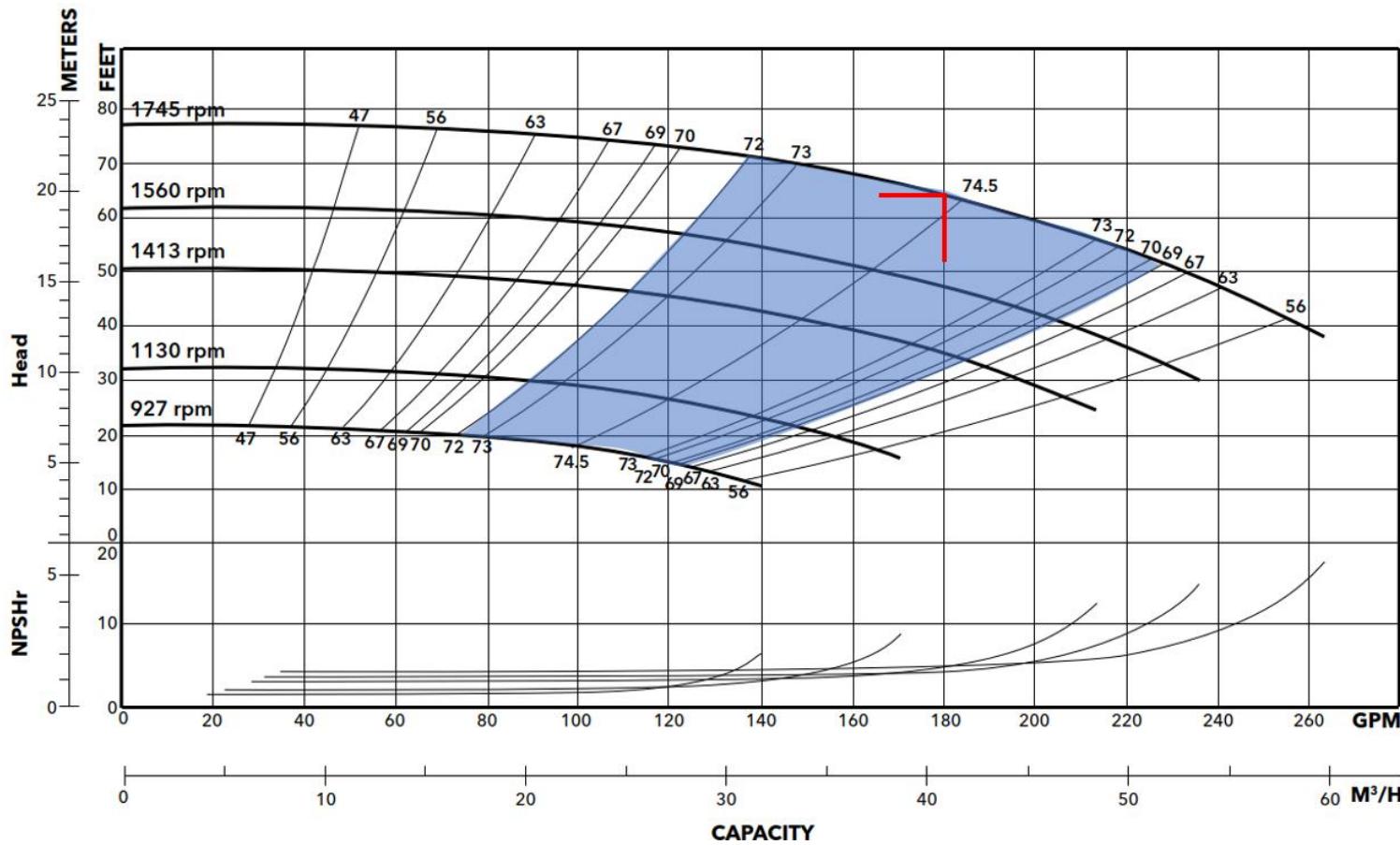


Certified to
NSF/ANSI/CAN 50



Performance Curve

Pump: 2BD
Impeller: 8.5"
Nominal motor speed @ 60Hz: 1,800 rpm

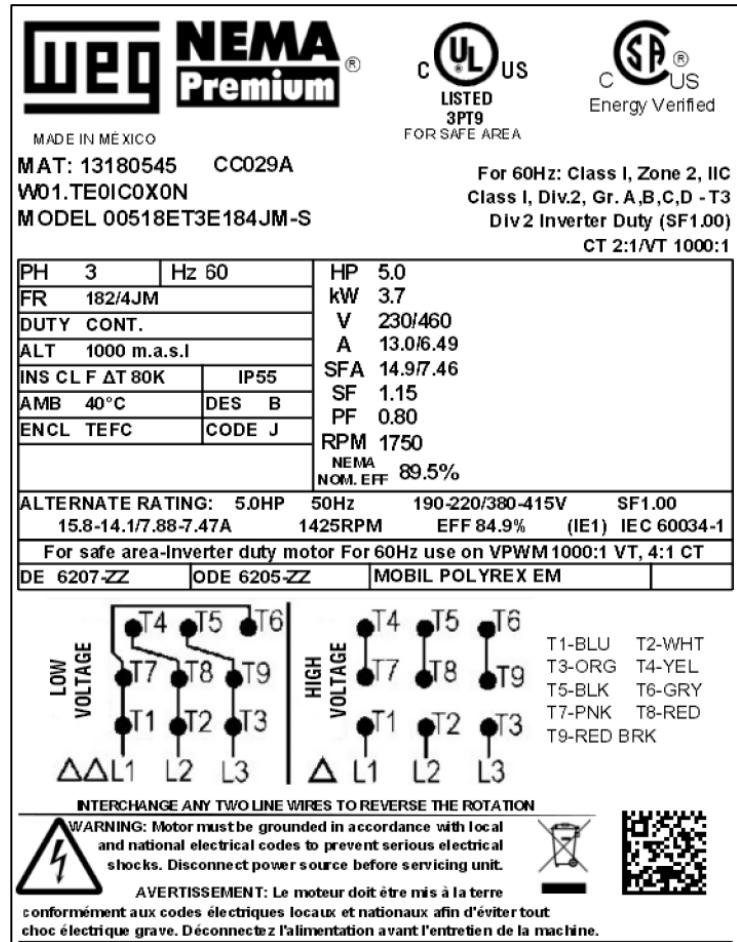


Best Efficiency Point	180 gpm at 63 ft head Noted with red above
Preferred Operating Range	See blue area above
Maximum working pressure	175 psi
Impeller size	8.5 in
Pump model	2BD
Suction	2.5 in
Discharge	2.0 in

Updated 4.14.25

Motor & Electrical

Rated power, HP	5.0
Voltage, 3-phase AC	<input checked="" type="checkbox"/> 230/460 V <input type="checkbox"/> 575 V
Frequency, Hz	60
Nominal speed, rpm	1,800
Enclosure	Totally enclosed, fan cooled
Frame Size	184JM
Shaft Sleeve Diameter	1.25"
Motor Part Number	WEG 00518ET3E184JM-S

Motor Nameplate**Materials of Construction**

Shaft	Carbon steel per motor manufacturer
Volute	Cast iron ASTM A48 Class 30B
Impeller	ASTM A743 Grade CF8 – 304 Stainless Steel
Shaft Sleeve	ASTM A743 Grade CF8 – 304 Stainless Steel
Impeller Key	304 Stainless Steel
Impeller Washer	Steel
Impeller Lock Washer	304 Stainless Steel
Impeller Cap Screw	304 Stainless Steel
Volute Gasket	Cellulose fiber
Epoxy coating	Scotchkote 134

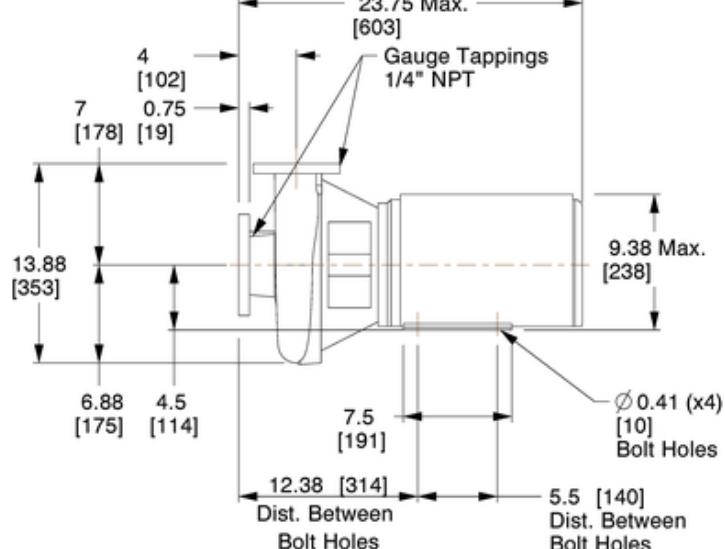
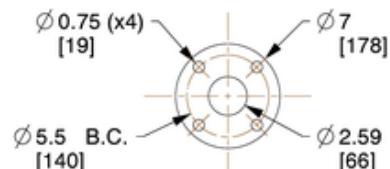
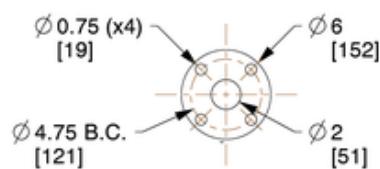
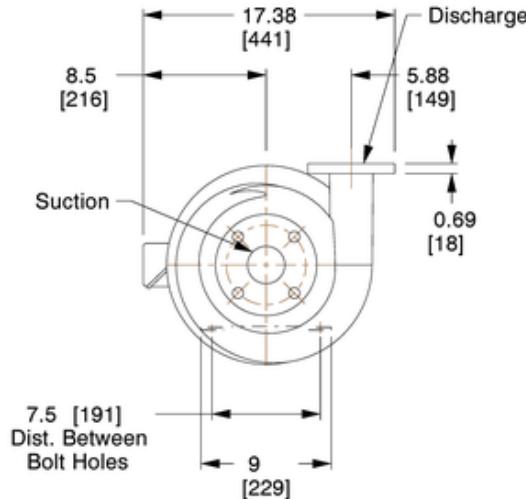
Mechanical Seal Assembly

Design	Standard
Elastomer	Buna
Rotating face	Carbon
Stationary face	Ceramic
Hardware	Stainless steel/brass

Updated 4.14.25

Physical Dimensions

Approximate weight, lb	220
Floor space, sq. ft	1.82

***Warranty***

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

Updated 4.14.25