

15 Horsepower Close-coupled centrifugal pump 1004-2715



Certified to
NSF/ANSI/CAN 50

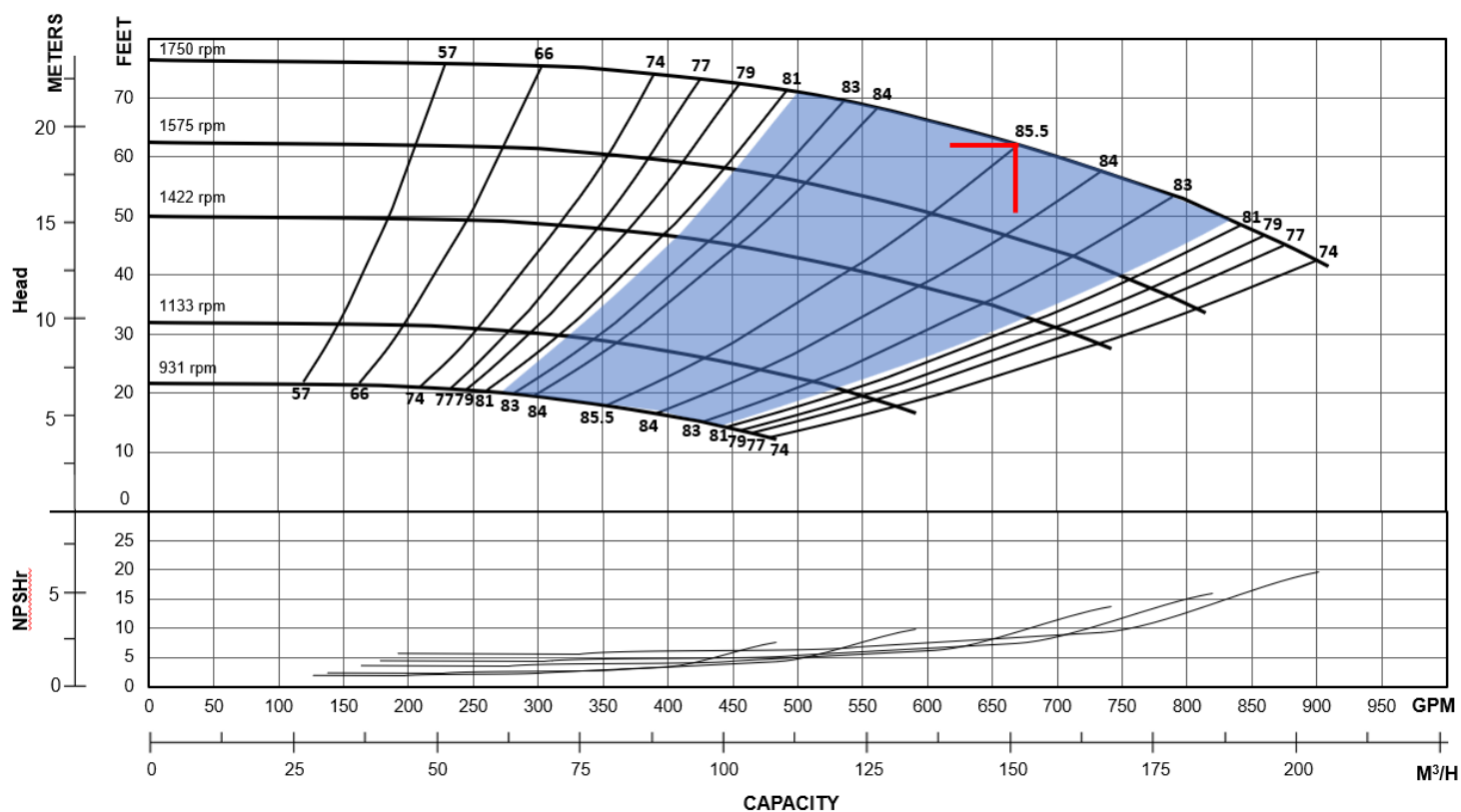


Performance Curve

Pump: 4BD

Impeller: 9"

Nominal motor speed @ 60Hz: 1,800 rpm




| | |
|----------------------------------|---|
| Best Efficiency Point | 665 gpm at 62 ft head Noted in red above |
| Preferred Operating Range | See blue area above |
| Maximum working pressure | 175 psi |
| Impeller size | 9 in |
| Pump model | 4BD |
| Suction | 5.0 in |
| Discharge | 4.0 in |

Updated 04.14.25


Motor & Electrical

| | |
|-----------------------|---|
| Rated power, HP | 15 |
| 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 | 254JM |
| Shaft Sleeve Diameter | 1.625" |
| Motor Part Number | WEG 01518ET3E254JM-S |


Motor Nameplate




WEG



NEMA Premium



UL
LISTED
3PT9
FOR SAFE AREA



Energy Verified

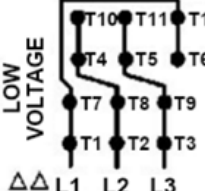
MADE IN MEXICO

MAT: 13180573 CC029A
W01.TE0IC0X0N
MODEL 01518ET3E254JM-S

For 60Hz: Class I, Zone 2, IIC
 Class I, Div.2, Gr. A,B,C,D - T3
 Div 2 Inverter Duty (SF1.00)
 CT 2:1/VT 1000:1

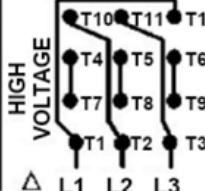
| | | |
|---|---------------|-------------------------|
| PH 3 | Hz 60 | HP 15 |
| FR 254/6JM | | kW 11 |
| DUTY CONT. | | V 230/460 |
| ALT 1000 m.a.s.l | | A 36.4/18.2 |
| INS CL F ΔT 80K | IP55 | SFA 41.9/20.9 |
| AMB 40°C | DES B | SF 1.15 |
| ENCL TEFC | CODE G | PF 0.82 |
| | | RPM 1770 |
| | | NEMA NOM. EFF 92.4% |
| ALTERNATE RATING: 15HP 50Hz 190-220/380-415V SF1.00 43.8-38.9/21.9-20.6A 1455RPM EFF 89.9% (IE2) IEC 60034-1 | | |
| For safe area-inverter duty motor For 60Hz use on VPWM 1000:1 VT, 4:1 CT | | |
| DE 6309-Z-C3 | ODE 6208-Z-C3 | MOBIL POLYREX EM 20000h |

LOW VOLTAGE



Δ Δ L1 L2 L3


HIGH VOLTAGE




Δ L1 L2 L3

T1-BLU T2-WHT
 T3-ORG T4-YEL
 T5-BLK T6-GRY
 T7-PNK T8-RED
 T9-RED BRK
 T10-CURRY
 T11-GRN T12-VLT


INTERCHANGE ANY TWO LINE WIRES TO REVERSE THE ROTATION



WARNING: Motor must be grounded in accordance with local and national electrical codes to prevent serious electrical shocks. Disconnect power source before servicing unit.



AVERTISSEMENT: Le moteur doit être mis à la terre conformément aux codes électriques locaux et nationaux afin d'éviter tout choc électrique grave. Déconnectez l'alimentation avant l'entretien de la machine.



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 312 Grade TP304 – 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 |
| Liner | Scotchkote 134 |

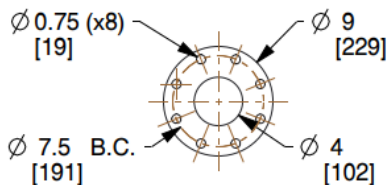
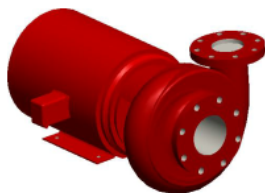
Mechanical Seal Assembly

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

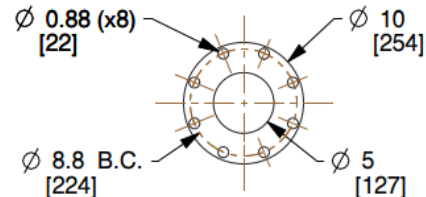
Updated 04.14.25

Physical Dimensions

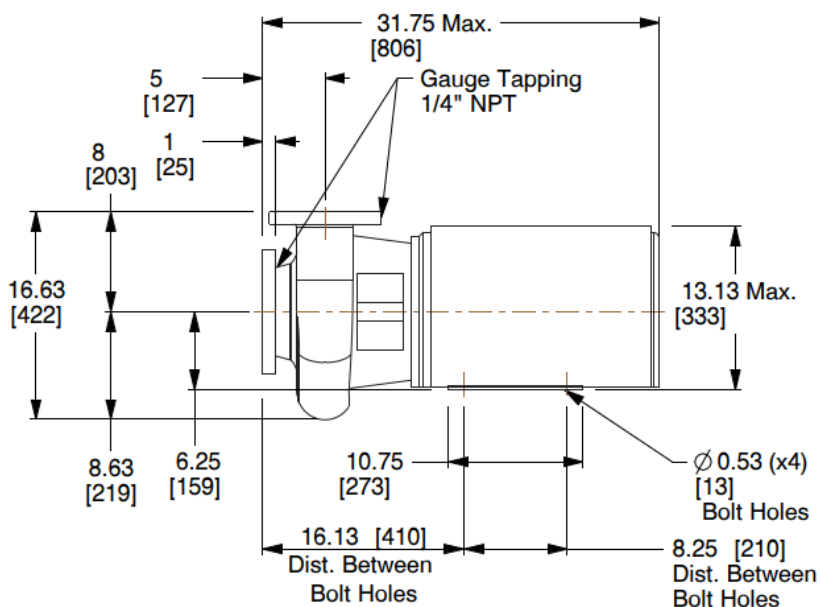
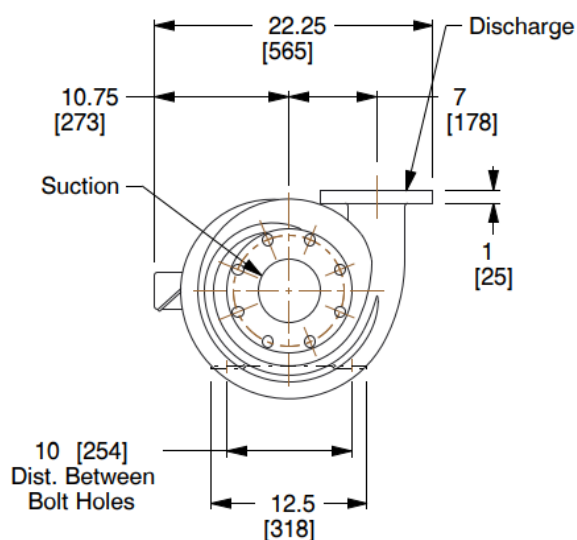
| | |
|------------------------|-----|
| Approximate weight, lb | 300 |
|------------------------|-----|



**4" DISCHARGE FLANGE
ANSI 125#**



**5" SUCTION FLANGE
ANSI 125#**



Warranty

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