

10 Horsepower Close-coupled centrifugal pump 1003-8658



Certified to
NSF/ANSI/CAN 50

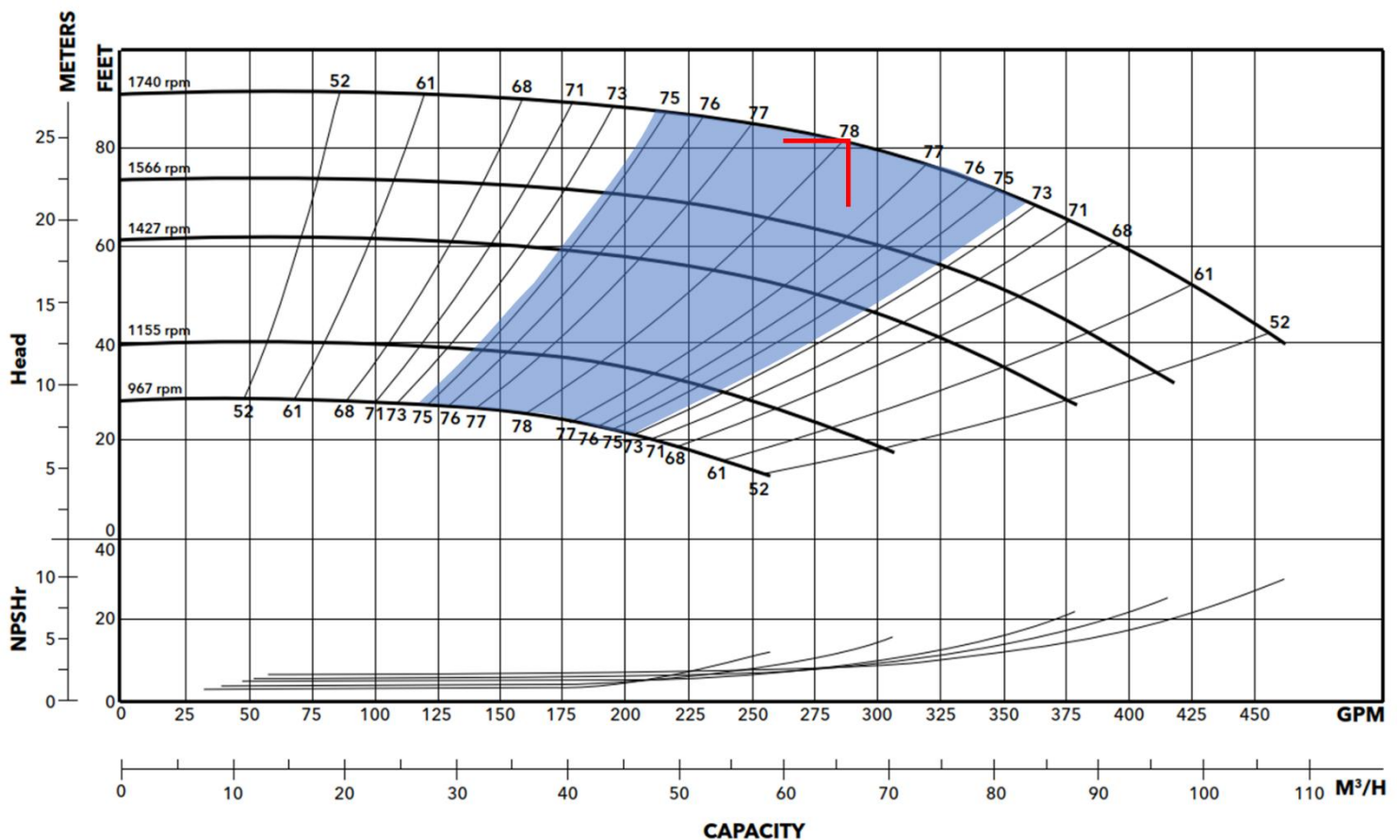


Performance Curve

Pump: 2.5BB

Impeller: 9.5"

Nominal motor speed @ 60Hz: 1,800 rpm



| | |
|---------------------------|---|
| Best Efficiency Point | 285 gpm at 82 ft head Noted with red above |
| Preferred Operating Range | See blue area above |
| Maximum working pressure | 175 psi |
| Impeller size | 9.5 in |
| Pump model | 2.5BB |
| Suction | 3.0 in |
| Discharge | 2.5 in |

Updated 4.14.25

Motor & Electrical

| | |
|-----------------------|---|
| Rated power, HP | 10 |
| Voltage, 3-phase AC | <input type="checkbox"/> 230/460 V <input checked="" type="checkbox"/> 575 V |
| Frequency, Hz | 60 |
| Nominal speed, rpm | 1,800 |
| Enclosure | Totally enclosed, fan cooled |
| Frame Size | 215JM |
| Shaft Sleeve Diameter | 1.25" |
| Motor Part Number | Baldor EJMM3714T-5 |

Motor Nameplate

| NP3441L | | | | | | | | | |
|----------------------------|--------------|------|-----|------|---|----|----|---|--|
| CAT.NO. | EJMM3714T-5 | | | | | | | | |
| SPEC. | 37J786S829G1 | | | | | | | | |
| HP | 10 | | | | | | | | |
| VOLTS | 575 | | | | | | | | |
| AMP | 9.6 | | | | | | | | |
| RPM | 1770 | | | | | | | | |
| FRAME | 215JM | | HZ | 60 | | | PH | 3 | |
| SER.F. | 1.15 | CODE | K | DES | A | CL | F | | |
| NEMA-NOM-EFF | 91.7 | PF | 85 | | | | | | |
| RATING | 40C AMB-CONT | | | | | | | | |
| CC | 010A | | | | | | | | |
| DE | 6309 | | ODE | 6206 | | | | | |
| ENCL | TEFC | SN | | | | | | | |
| VPWM INVERTER READY | | | | | | | | | |
| CT6-60H(10:1)VT3-60H(20:1) | | | | | | | | | |

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 |

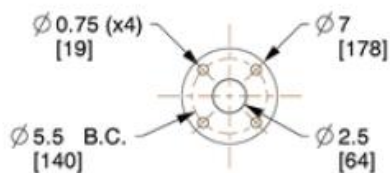
Mechanical Seal Assembly

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

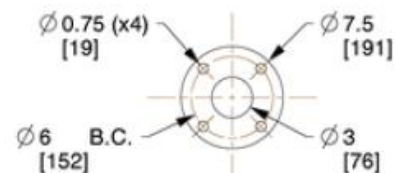
Updated 4.14.25

Physical Dimensions

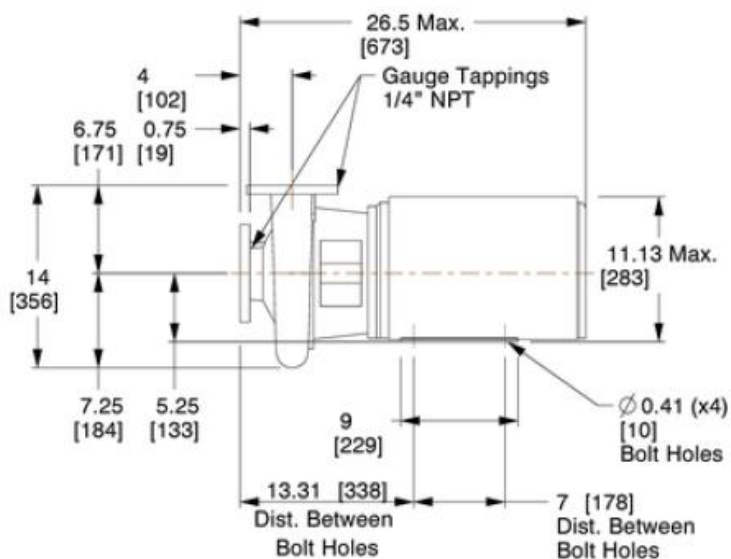
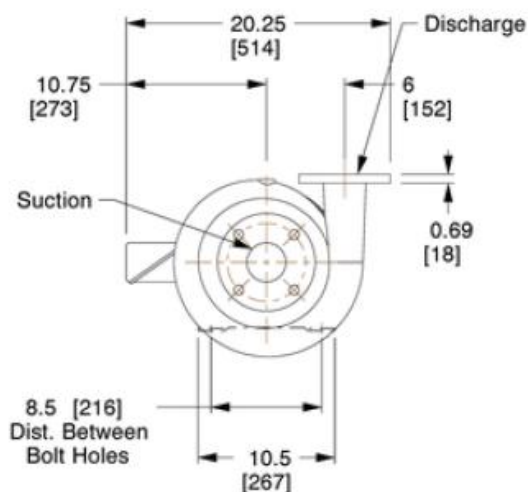
| | |
|------------------------|------|
| Approximate weight, lb | 383 |
| Floor space, sq. ft | 2.77 |



2.5" DISCHARGE FLANGE
ANSI 125#



3" SUCTION FLANGE
ANSI 125#



Warranty

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