

**10 Horsepower  
Close-coupled centrifugal pump  
1004-2716**



Certified to  
NSF/ANSI/CAN 50

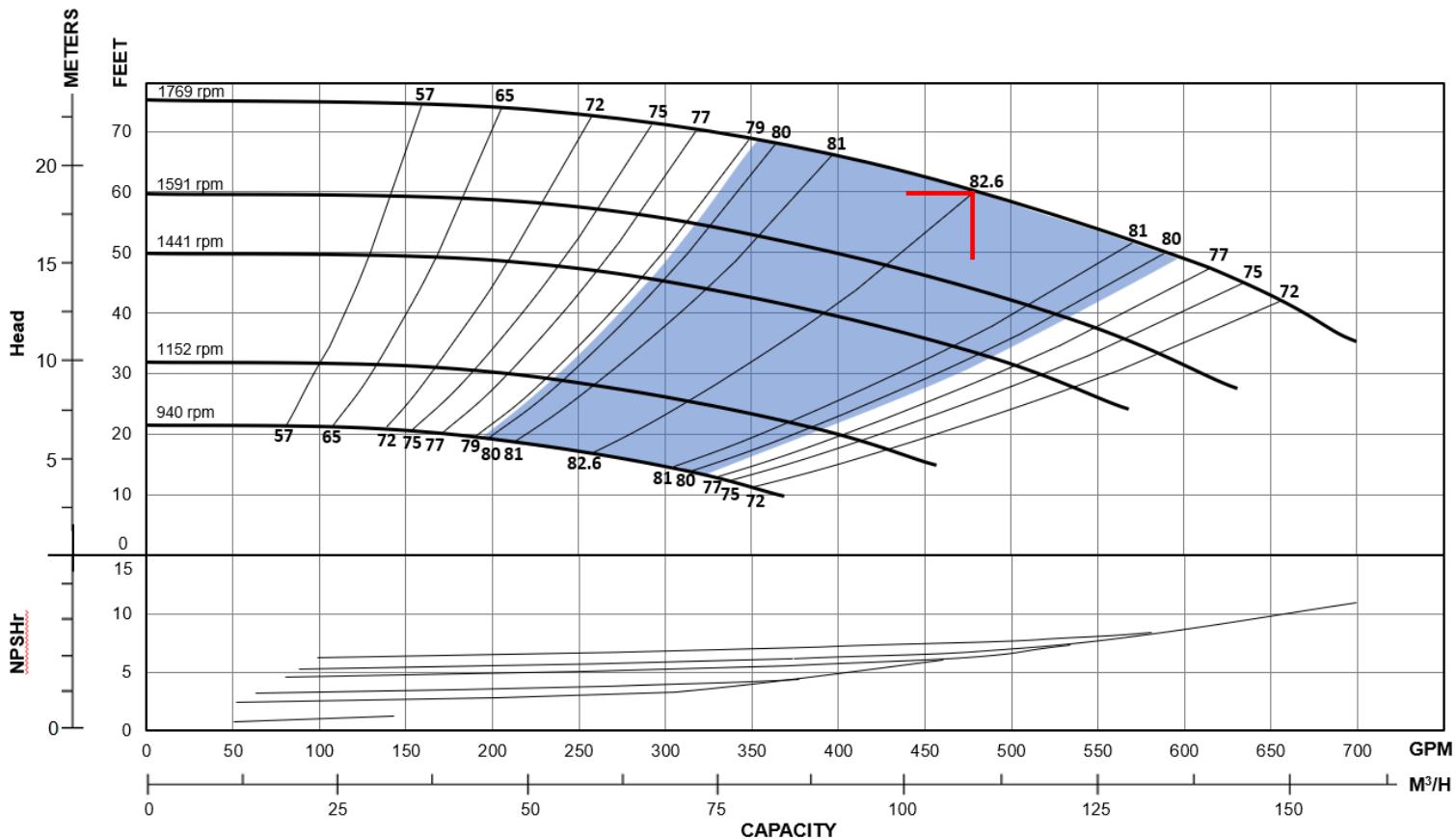


**Performance Curve**

Pump: 3BD

Impeller: 8.5"

Nominal motor speed @ 60Hz: 1,800 rpm



<b>Best Efficiency Point</b>	475 gpm at 60 ft head Noted with red above
<b>Preferred Operating Range</b>	See blue area above
<b>Maximum working pressure</b>	175 psi
<b>Impeller size</b>	8.5 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>	10
<b>Voltage, 3-phase AC</b>	<input type="checkbox"/> 230/460 V <input checked="" 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>	215JM
<b>Shaft Sleeve Diameter</b>	1.625"
<b>Motor Part Number</b>	Baldor EJMM3714T-5

**Motor Nameplate****NP3441L**

<b>CAT.NO.</b>	EJMM3714T-5					
<b>SPEC.</b>	37J7865829G1					
<b>HP</b>	10					
<b>VOLTS</b>	575					
<b>AMP</b>	9.6					
<b>RPM</b>	1770					
<b>FRAME</b>	215JM	HZ	60	PH	3	
<b>SER.F.</b>	1.15	CODE	K	DES	A	CL F
<b>NEMA-NOM-EFF</b>	91.7	PF	85			
<b>RATING</b>	40C AMB-CONT					
<b>CC</b>	010A					
<b>DE</b>	6309	ODE	6206			
<b>ENCL</b>	TEFC	SN				

VPWM INVERTER READY

CT6-60H(10:1)VT3-60H(20:1)

**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

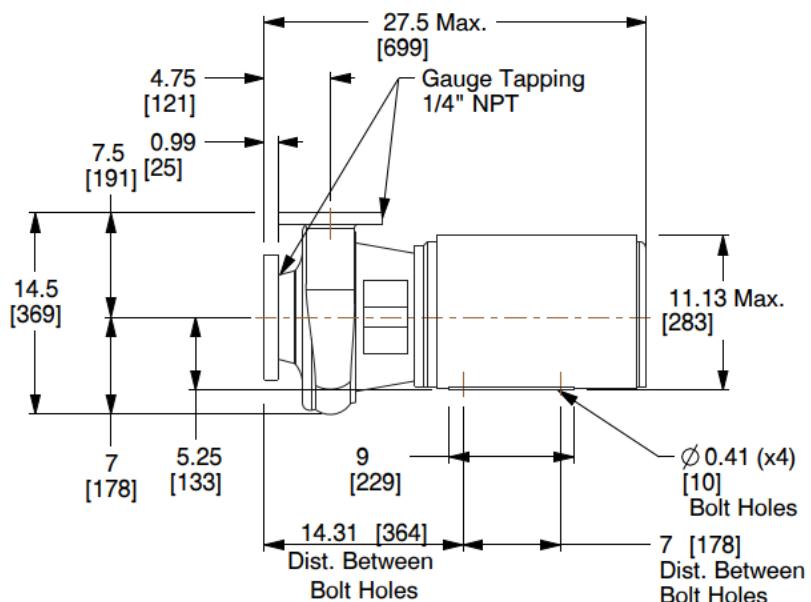
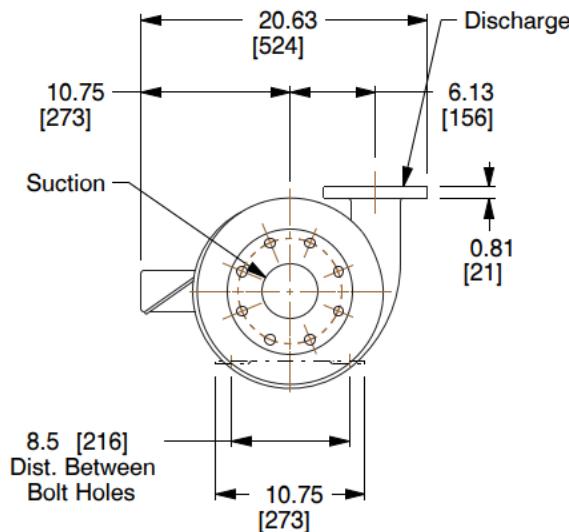
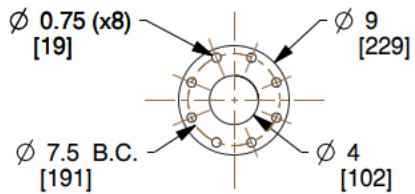
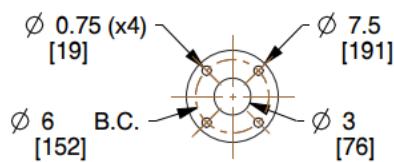
**Mechanical Seal Assembly**

<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	225
------------------------	-----

**Warranty**

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

Updated 04.14.25