

## 7.5 Horsepower Close-coupled centrifugal pump 1003-8656



Certified to  
NSF/ANSI/CAN 50

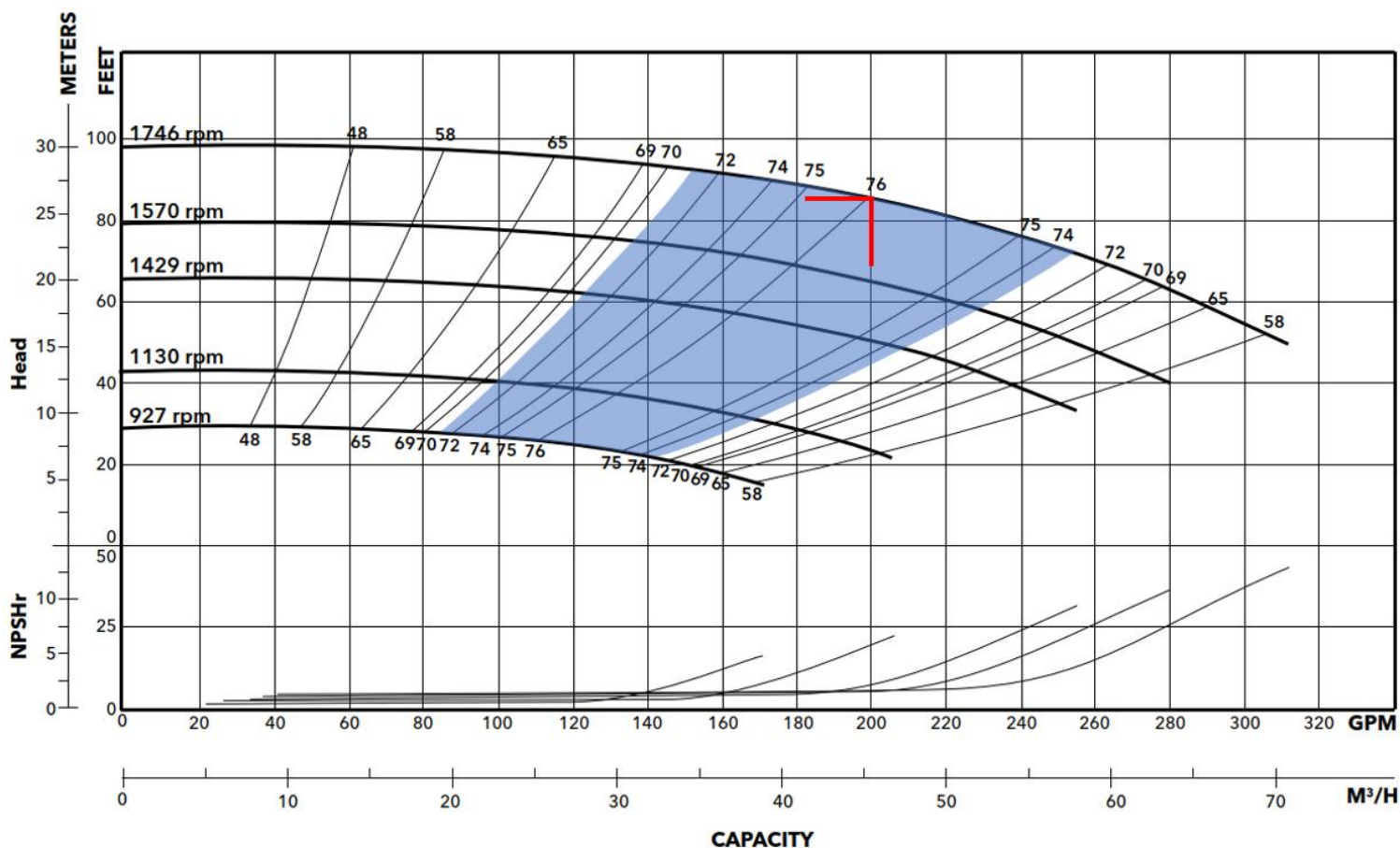


### Performance Curve

Pump: 2BD

Impeller: 9.5"

Nominal motor speed @ 60Hz: 1,800 rpm



Best Efficiency Point	200 gpm at 85 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	2BD
Suction	2.5 in
Discharge	2.0 in

Updated 04.14.25

## Motor & Electrical

Rated power, HP	7.5
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	213JM
Shaft Sleeve Diameter	1.25"
Motor Part Number	Baldor EJMM3710T-5

## Motor Nameplate

NP3441L									
CAT.NO.	EJMM3710T-5								
SPEC.	37J786R907G1								
HP	7.5								
VOLTS	575								
AMP	7.6								
RPM	1770								
FRAME	213JM		HZ	60			PH	3	
SER.F.	1.15	CODE	J	DES	A	CL	F		
NEMA-NOM-EFF	91.7	PF	82						
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

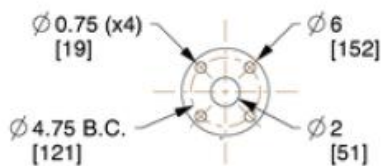
## Mechanical Seal Assembly

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

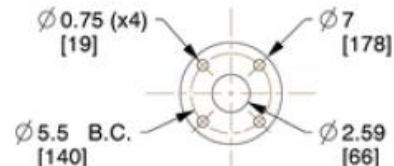
Updated 04.14.25

## Physical Dimensions

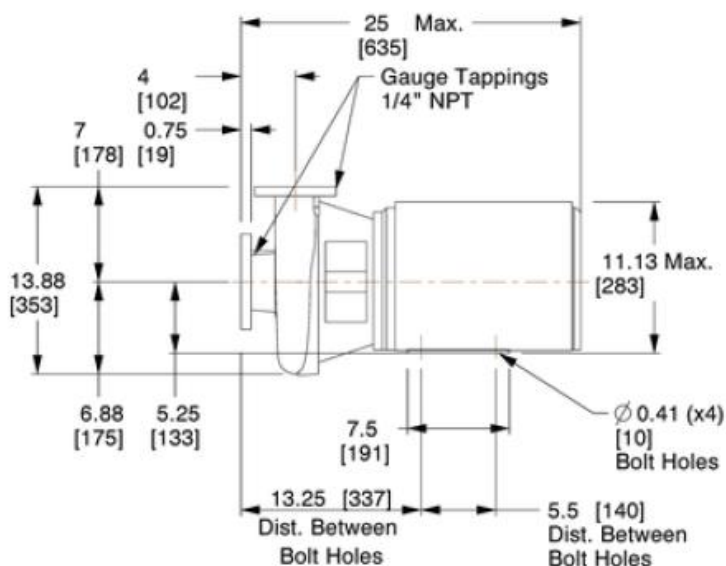
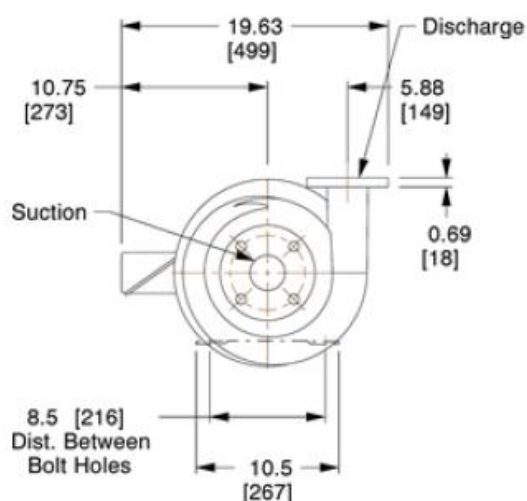
Approximate weight, lb	337
Floor space, sq. ft	2.16



2" DISCHARGE FLANGE  
ANSI 125#



2.5" SUCTION FLANGE  
ANSI 125#



## Warranty

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