

20 Horsepower Close-coupled centrifugal pump 1003-8661



Certified to
NSF/ANSI/CAN 50

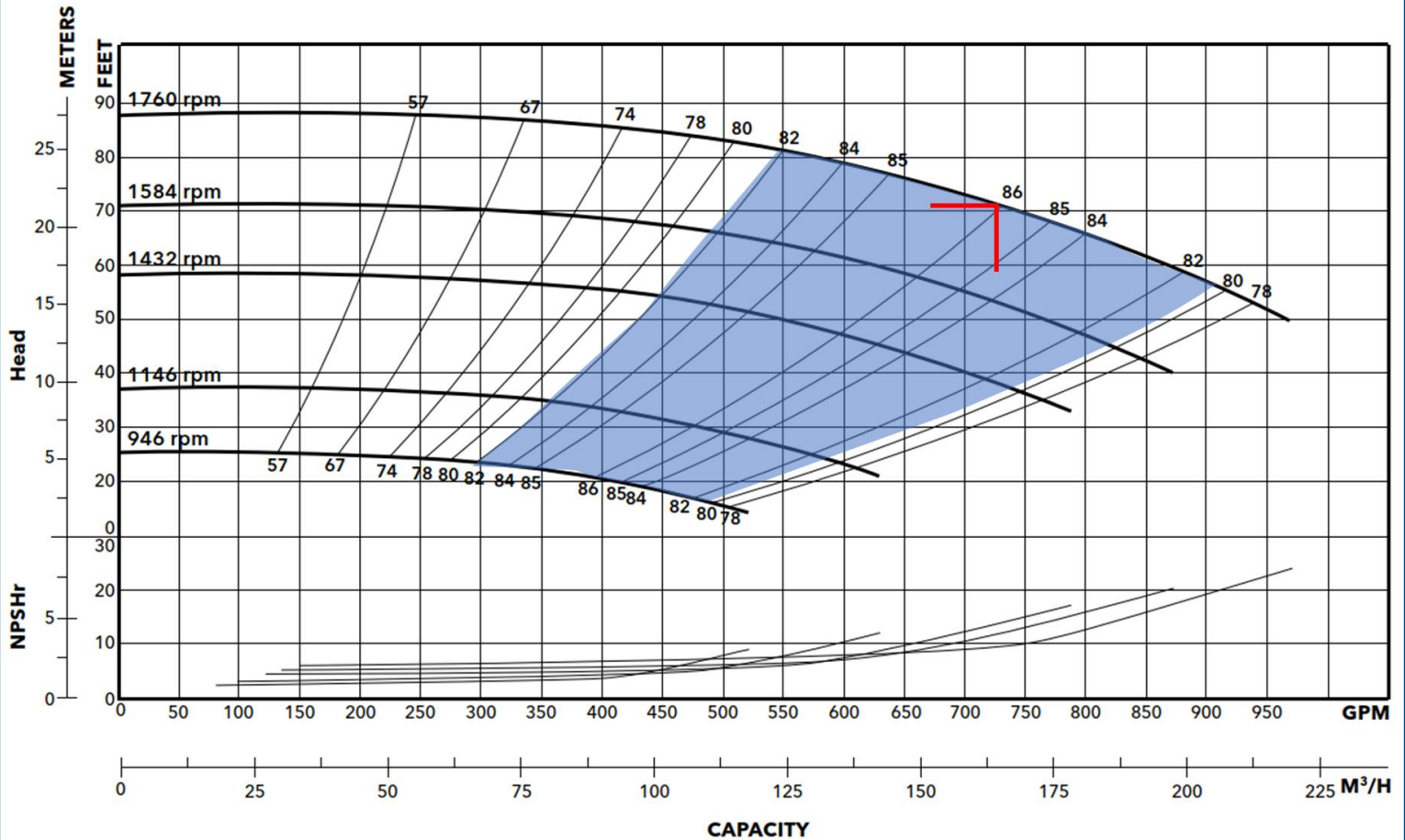


Performance Curve

Pump: 4BD

Impeller: 9.5"

Nominal motor speed @ 60Hz: 1,800 rpm



Best Efficiency Point	725 gpm at 70 ft head Noted in red above
Preferred Operating Range	See blue area above
Maximum working pressure	175 psi
Impeller size	9.5 in
Pump model	4BD
Suction	5.0 in
Discharge	4.0 in

Updated 04.14.25

Motor & Electrical

Rated power, HP	20
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	256JM
Shaft Sleeve Diameter	1.625"
Motor Part Number	Baldor VEJMM2334T-5

Motor Nameplate

NP3441L

CAT.NO.	VEJMM2334T-5					
SPEC.	09E178T507G1					
HP	20					
VOLTS	575					
AMP	19.2					
RPM	1770					
FRAME	256JM	HZ	60	PH	3	
SER.F.	1.15	CODE	J	DES	A	CL F
NEMA-NOM-EFF	93	PF	83			
RATING	40C AMB-CONT					
CC	010A					
DE	6309	ODE	6208			
ENCL	TEFC	SN				

VPWM INVERTER READY

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

SFA 21.7

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

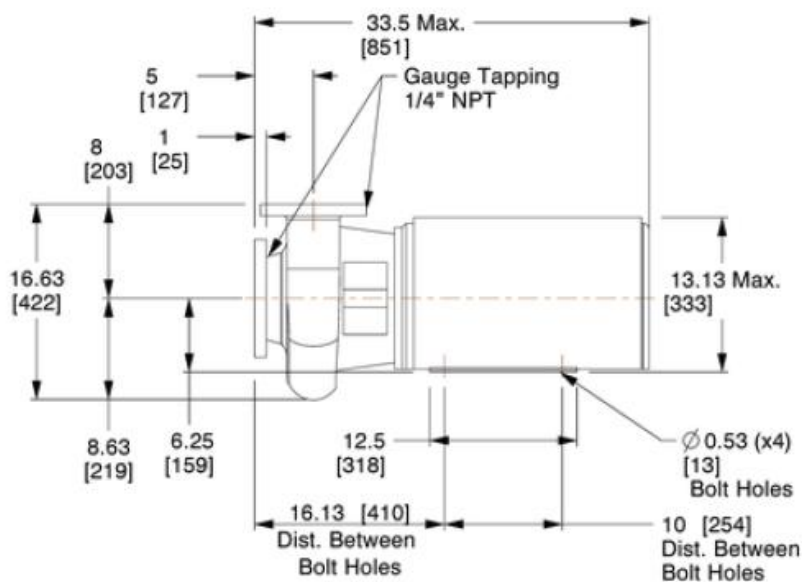
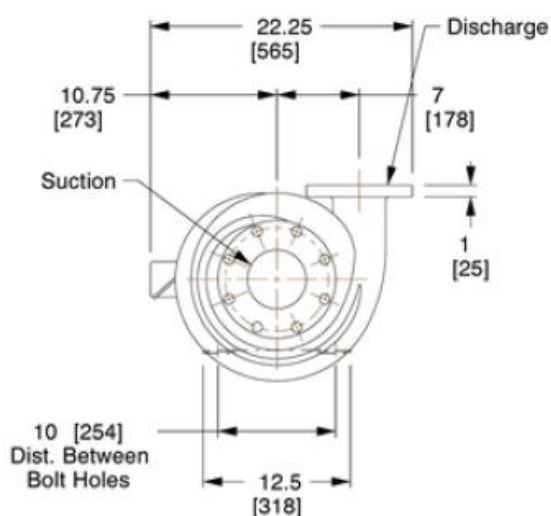
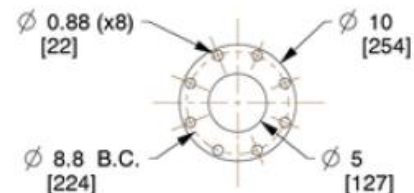
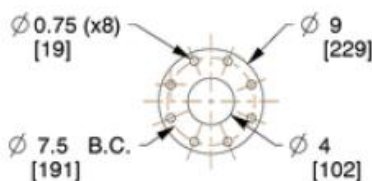
Mechanical Seal Assembly

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

Updated 04.14.25

Physical Dimensions

Approximate weight, lb	592
Floor space, sq. ft	4.39



Warranty

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