

**25 Horsepower
Close-coupled centrifugal pump
1003-8663**



Certified to
NSF/ANSI/CAN 50

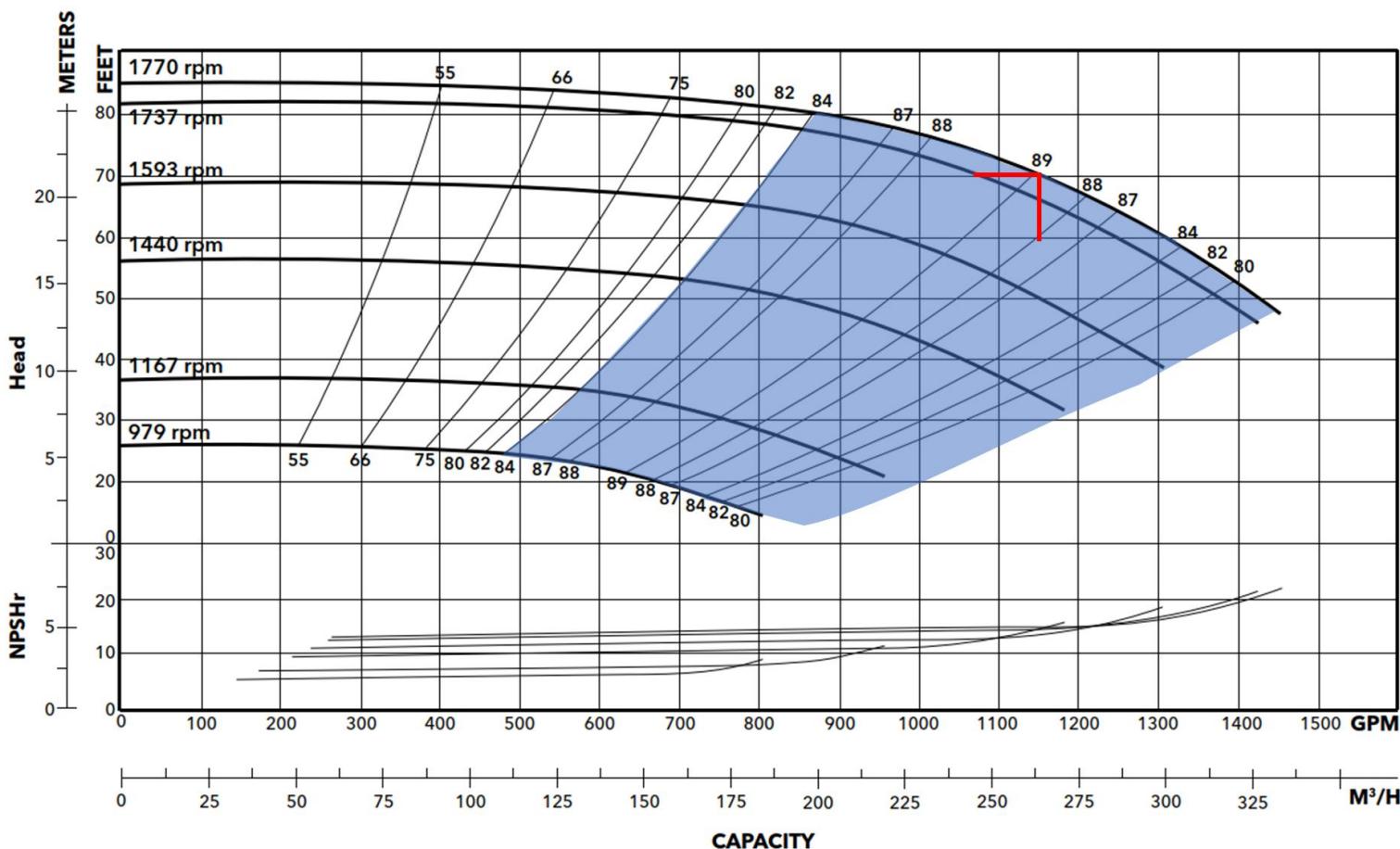


Performance Curve

Pump: 5BD

Impeller: 9.5"

Nominal motor speed @ 60Hz: 1,800 rpm



Best Efficiency Point	1,150 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	5BD
Suction	6.0 in
Discharge	5.0 in

Updated 04.14.25

Motor & Electrical

Rated power, HP	25
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	284JM
Shaft Sleeve Diameter	1.625"
Motor Part Number	Baldor 10-0005454

Motor Dataplate

NP2138L

CAT.NO.	P/N			ENCLOSURE			TEFC
SPEC.	10-0005454	CC	010A	FRAME	284JM	S/N	
HP	25			CLASS	F	HZ	60
RPM	1770		PH	3	DES	B	
VOLT	575				KVA-CODE	F	
AMP	23.6						ODE BRG
RATING	40C AMB-CONT		GREASE		POLYREX EM		6309 DE BRG
NEMA-NOM-EFF	93.6	PF	85	SER.F.	1.15		6312
							SFA 27
HTR-VOLTS		HTR-AMPS					

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

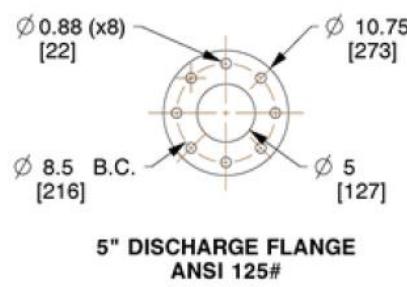
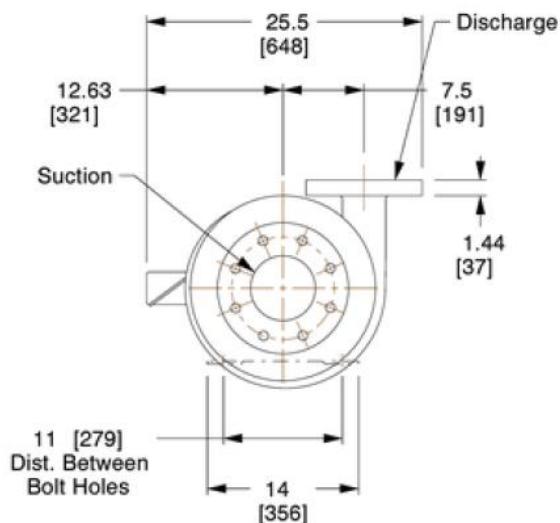
Mechanical Seal Assembly

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

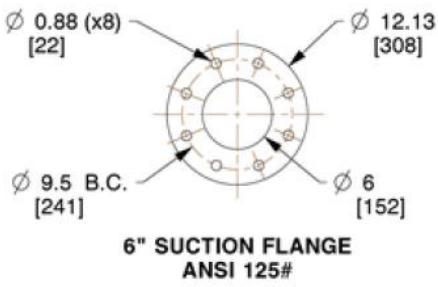
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Physical Dimensions

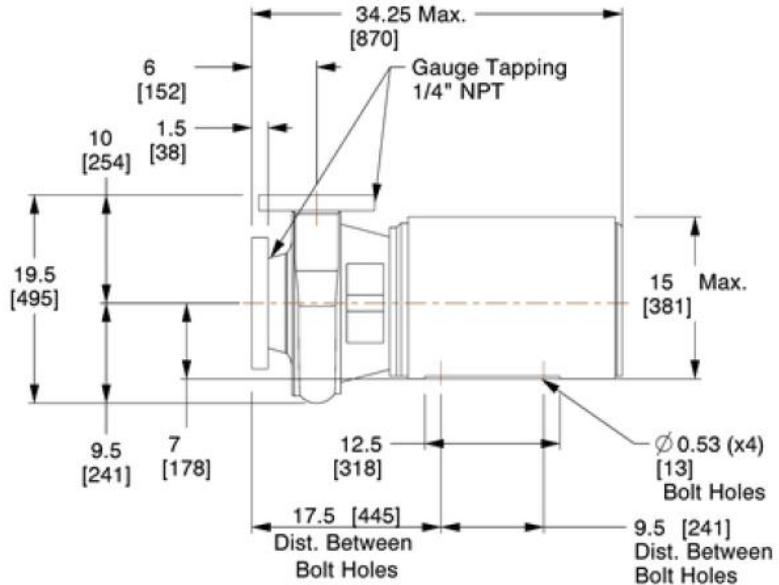
Approximate weight, lb	902
Floor space, sq. ft	5.26



5" DISCHARGE FLANGE
ANSI 125#



6" SUCTION FLANGE
ANSI 125#

**Warranty**

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

Updated 04.14.25