

25 Horsepower Close-coupled centrifugal pump 1003-8652



Certified to
NSF/ANSI/CAN 50

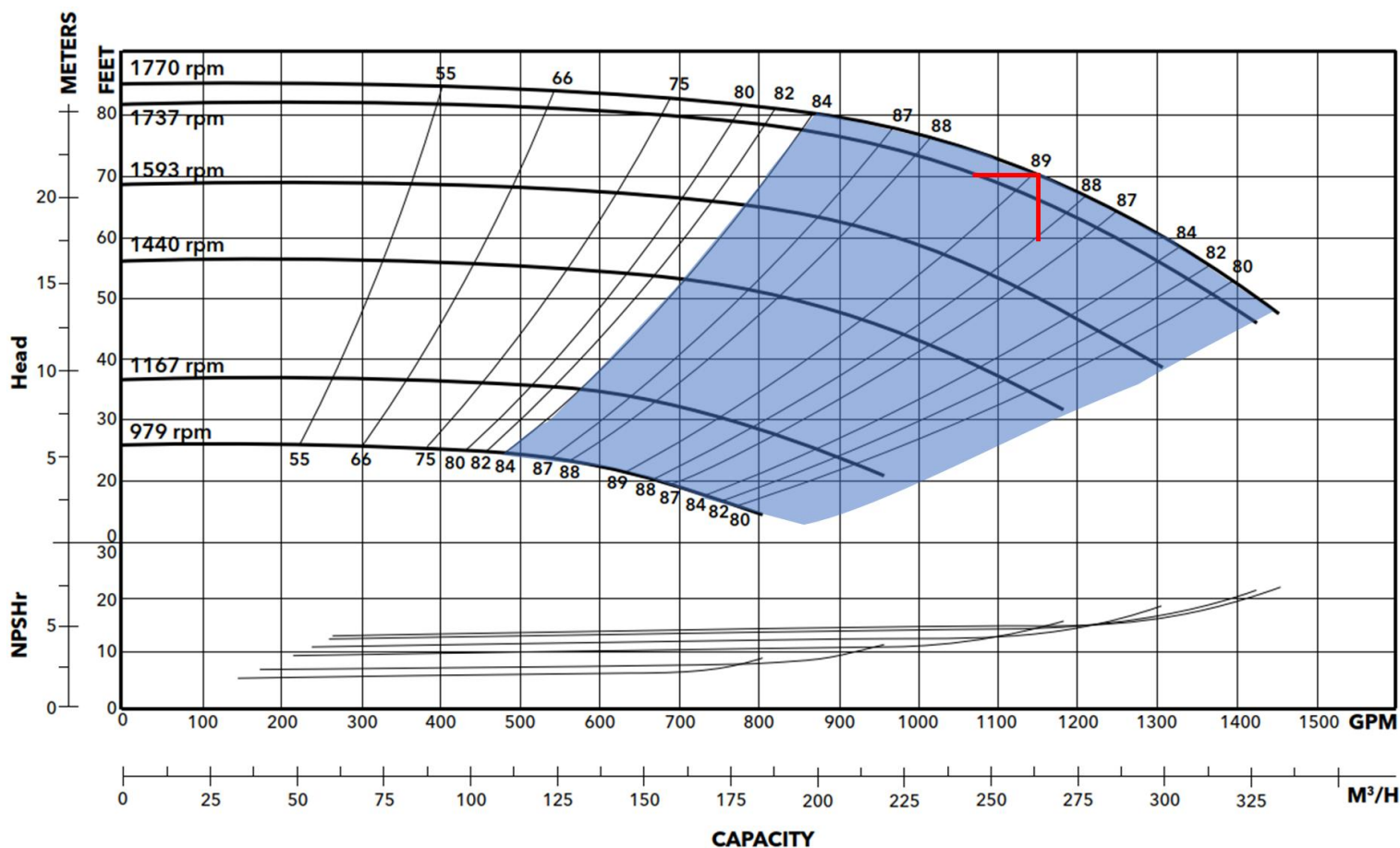


Performance Curve

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 checked="" type="checkbox"/> 230/460 V <input 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 EJMM4103T

Motor Nameplate

NP3443LUA											
CAT.NO.	EJMM4103T			CUST. P/N					ENCL		TEFC
SPEC.	10E380Z651G1	CC	010A	FRAME	284JM	SER.NO.					
HP	25	CLASS		F	HZ	60					
R.P.M.	1775	PH.		3	DES.	A					
VOLTS	230/460			CODE	J	ODE BRG	6309	DE BRG	6312		
AMPS	62/31										
RATING	40C AMB-CONT		NEMA NOM. EFF.			93.6	GREASE	POLYREX EM			
P.F.	81	SER.F.	1.15	CT6-60H(10:1)VT3-60H(20:1							
USABLE AT	50HZ 25HP 190/380V 72/36A			SF1.0							
VOLTS	AMPS	MAX. SPACE HEATER TEMP.									

Materials of Construction

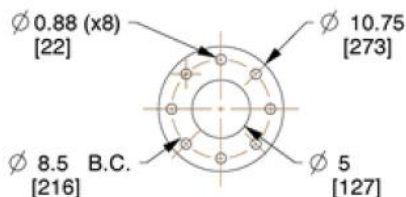
Shaft	Carbon steel per motor manufacturer
Volute	Cast iron ASTM A48 Class 30B
Impeller	ASTM A743 Grade CF8 – 304 Stainless Steel
Shaft Sleeve	ASTM 312 Grade TP304 – 304 Stainless Steel
Impeller Key	304 Stainless Steel
Impeller Washer	Steel
Impeller Lock Washer	304 Stainless Steel
Impeller Cap Screw	304 Stainless Steel
Volute Gasket	Cellulose fiber
Liner	Scotchkote 134

Mechanical Seal Assembly

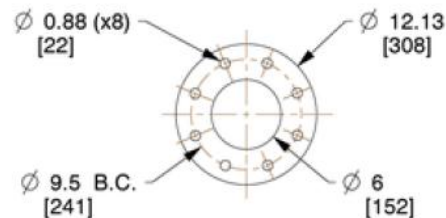
Design	Standard
Elastomer	Buna
Rotating face	Carbon
Stationary face	Ceramic
Hardware	Stainless steel/brass

Physical Dimensions

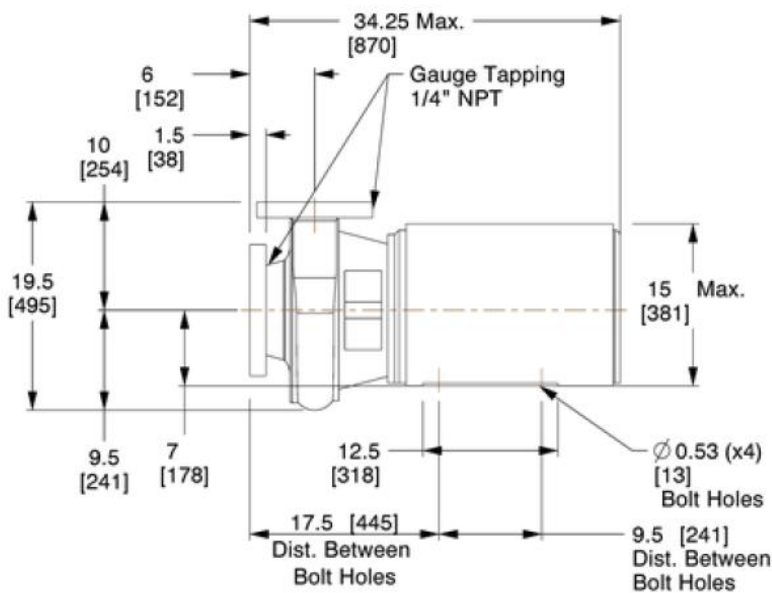
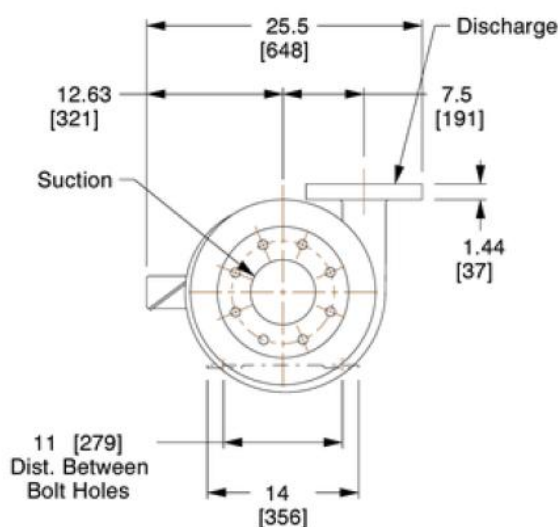
Approximate weight, lb	902
Floor space, sq. ft	5.26



5" DISCHARGE FLANGE
ANSI 125#



6" SUCTION FLANGE
ANSI 125#



Warranty

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