

30 Horsepower Close-coupled centrifugal pump 1003-8653



Certified to
NSF/ANSI/CAN 50

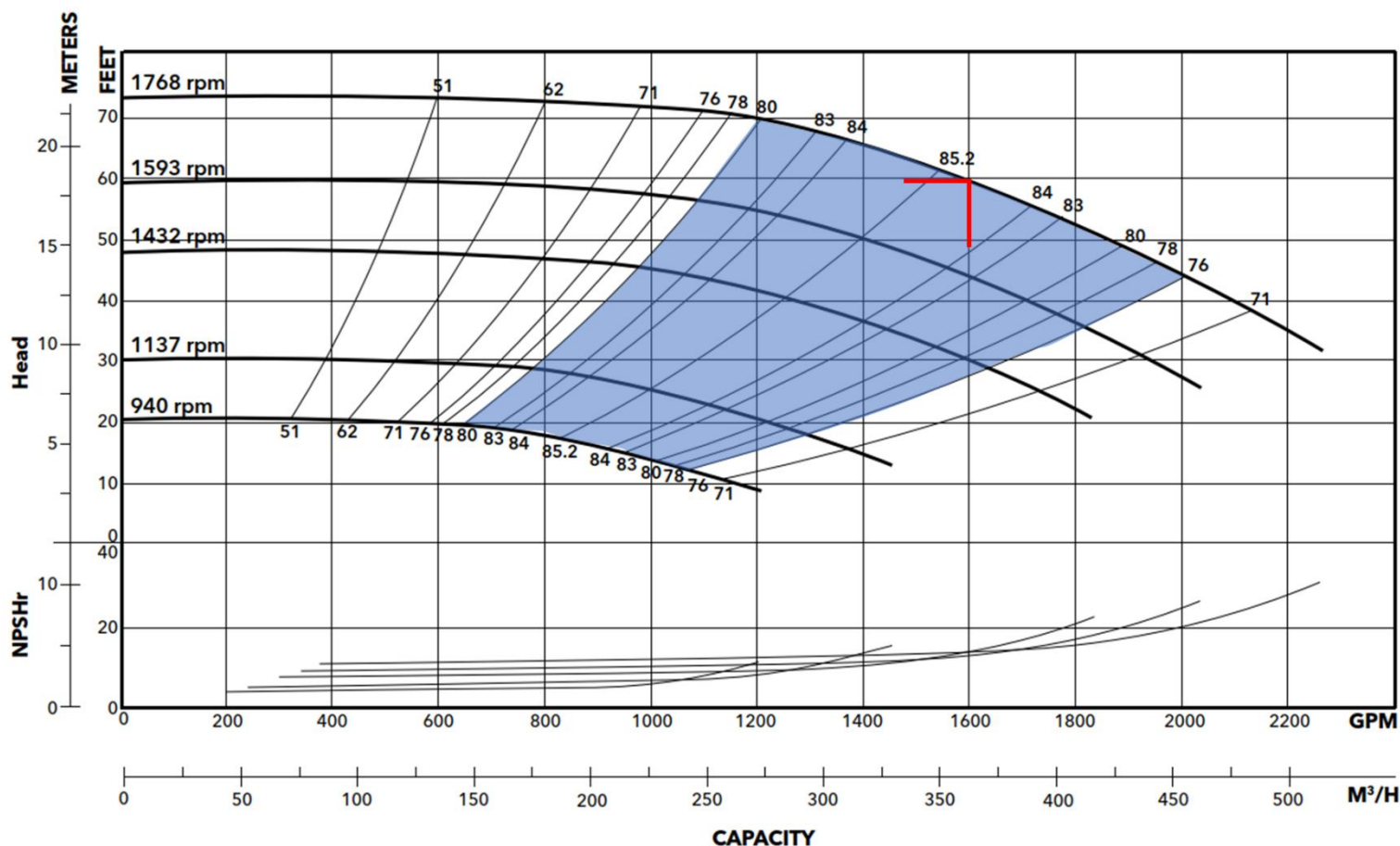


Performance Curve

Pump: 6BD

Impeller: 9"

Nominal motor speed @ 60Hz: 1,800 rpm



Best Efficiency Point	1,600 gpm at 60 ft head Noted in red above
Preferred Operating Range	See blue area above
Maximum working pressure	175 psi
Impeller size	9.0 in
Pump model	6BD
Suction	8.0 in
Discharge	6.0 in

Updated 04.14.25

Motor & Electrical

Rated power, HP	30
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	286JM
Shaft Sleeve Diameter	1.625"
Motor Part Number	Baldor EJMM4104T

Motor Nameplate

NP3443LUA											
CAT.NO.	EJMM4104T			CUST. P/N						ENCL	TEFC
SPEC.	10E380Y758G1	CC	010A	FRAME	286JM	SER.NO.					
HP	30	CLASS		F	HZ	60					
R.P.M.	1770	PH.		3	DES.	A					
VOLTS	230/460			CODE	G	ODE BRG		6309	DE BRG	6312	
AMPS	72/36										
RATING	40C AMB-CONT			NEMA NOM. EFF.		93.6	GREASE		POLYREX EM		
P.F.	83	SER.F.	1.15	CT6-60H(10:1)VT3-60H(20:1							
USABLE AT	50HZ 30HP 190/380V 88/44A			SF1.0							
VOLTS	AMPS	MAX. SPACE HEATER TEMP.									

Materials of Construction

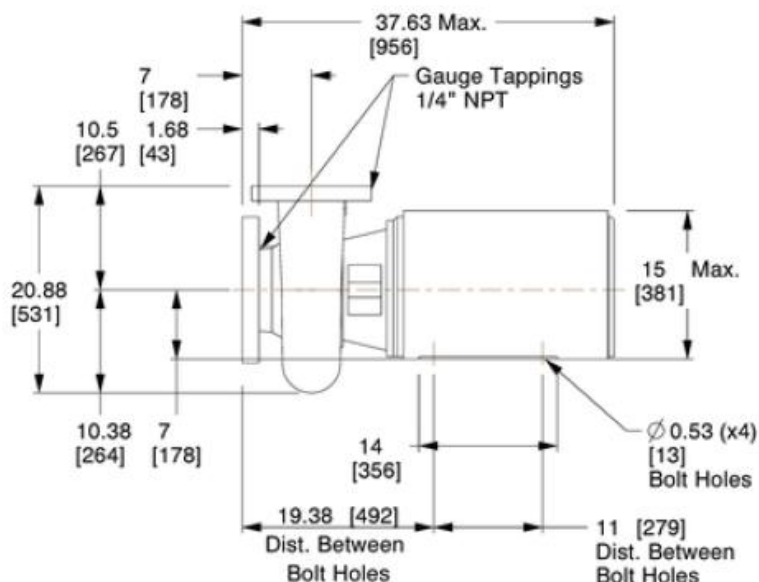
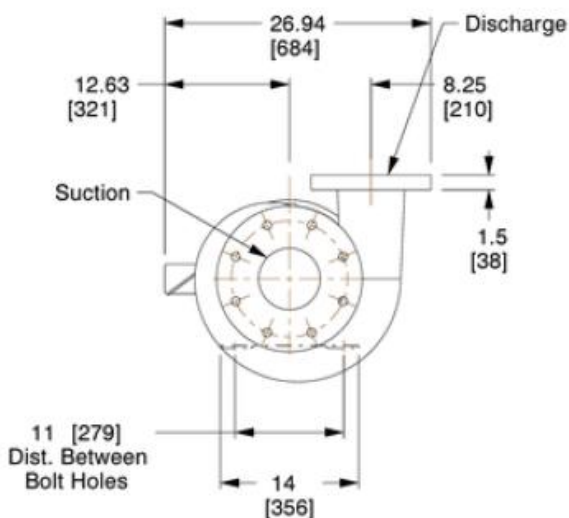
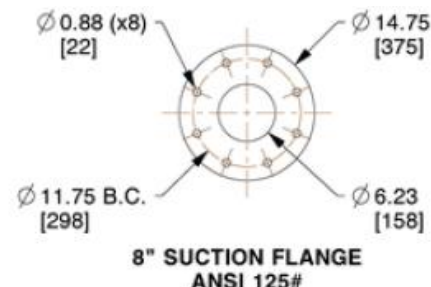
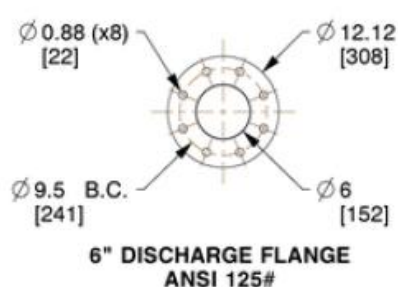
Shaft	Carbon steel per motor manufacturer
Volute	Cast iron ASTM A48 Class 30B
Impeller	ASTM A743 Grade CF8 – 304 Stainless Steel
Shaft Sleeve	ASTM 312 Grade TP304 – 304 Stainless Steel
Impeller Key	304 Stainless Steel
Impeller Washer	Steel
Impeller Lock Washer	304 Stainless Steel
Impeller Cap Screw	304 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	1023
Floor space, sq. ft	6.65



Warranty

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