

**5 Horsepower
Close-coupled centrifugal pump
1003-8655**

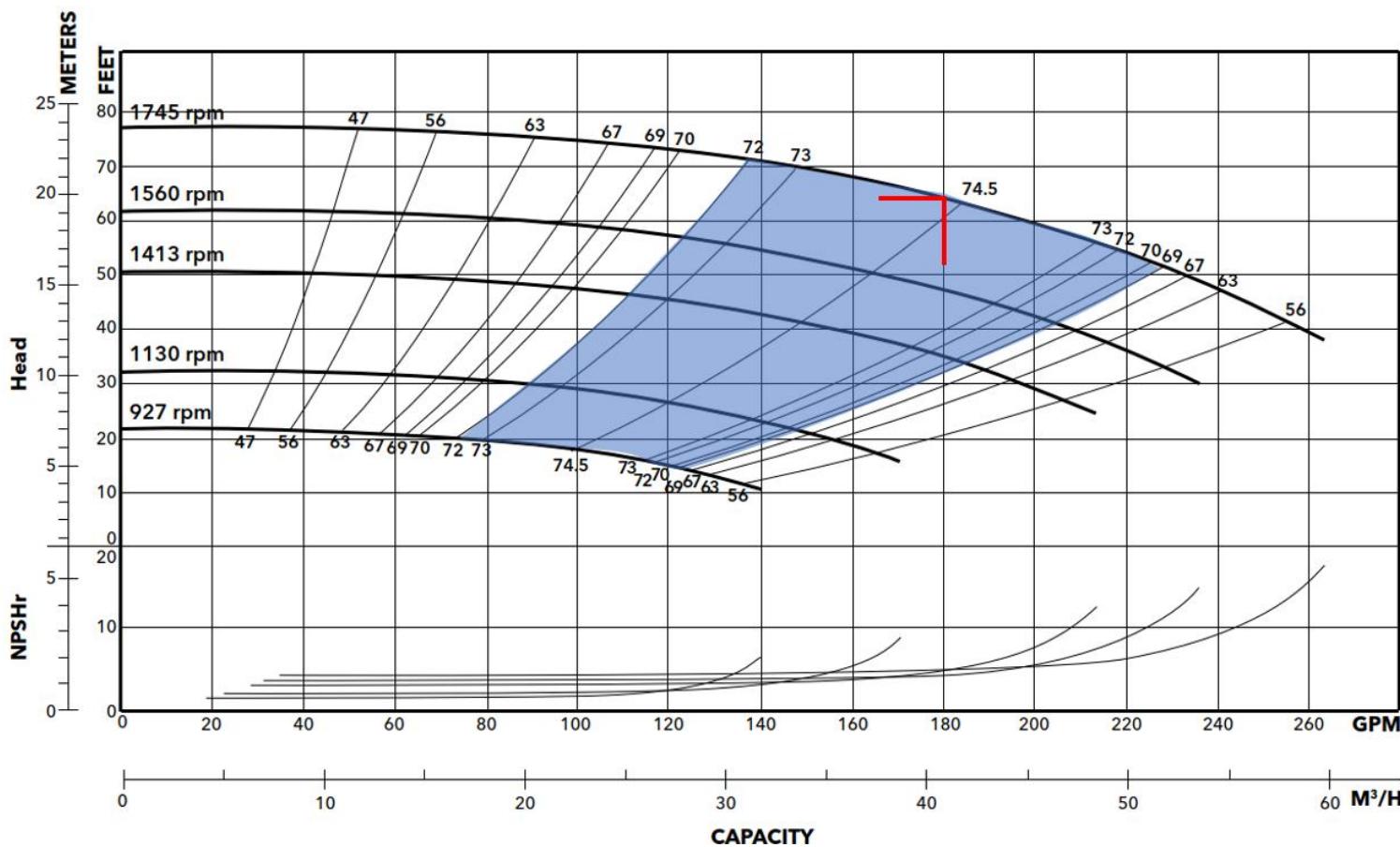


Certified to
NSF/ANSI/CAN 50



Performance Curve

Pump: 2BD
Impeller: 8.5"
Nominal motor speed @ 60Hz: 1,800 rpm



Best Efficiency Point	180 gpm at 63 ft head Noted with red above
Preferred Operating Range	See blue area above
Maximum working pressure	175 psi
Impeller size	8.5 in
Pump model	2BD
Suction	2.5 in
Discharge	2.0 in

Updated 04.14.25

Motor & Electrical

Rated power, HP	5.0
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	184JM
Shaft Sleeve Diameter	1.25"
Motor Part Number	Baldor EJMM3615T-5

Motor Nameplate

NP3441L

CAT.NO.	EJMM3615T-5				
SPEC.	36H017S551G1				
HP	5				
VOLTS	575				
AMP	5.3				
RPM	1750				
FRAME	184JM	HZ	60	PH	3
SER.F.	1.15	CODE	J	DES	B CL F
NEMA-NOM-EFF	89.5	PF	78		
RATING	40C AMB-CONT				
CC	010A				
DE	6207	ODE	6205		
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 A743 Grade CF8 – 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
Epoxy coating	Scotchkote 134

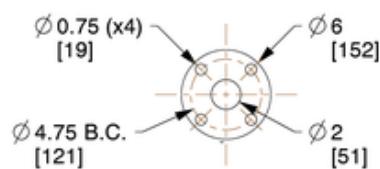
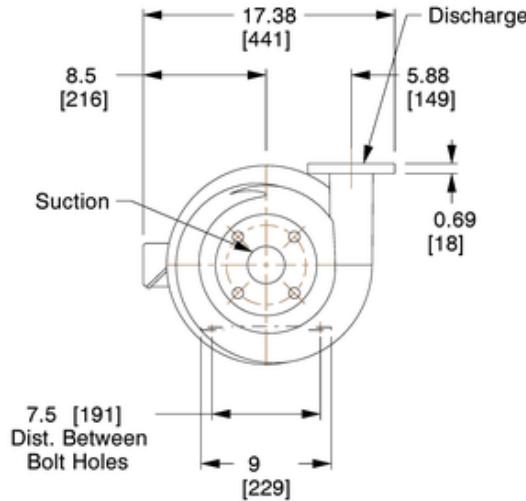
Mechanical Seal Assembly

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

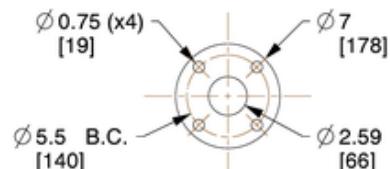
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Physical Dimensions

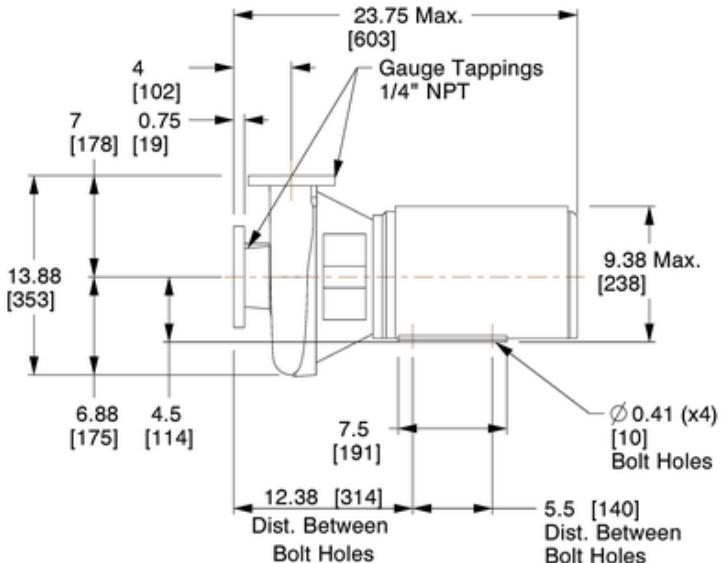
Approximate weight, lb	220
Floor space, sq. ft	1.82



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

Updated 04.14.25