

20 Horsepower Close-coupled centrifugal pump 1003-8651



Certified to
NSF/ANSI/CAN 50

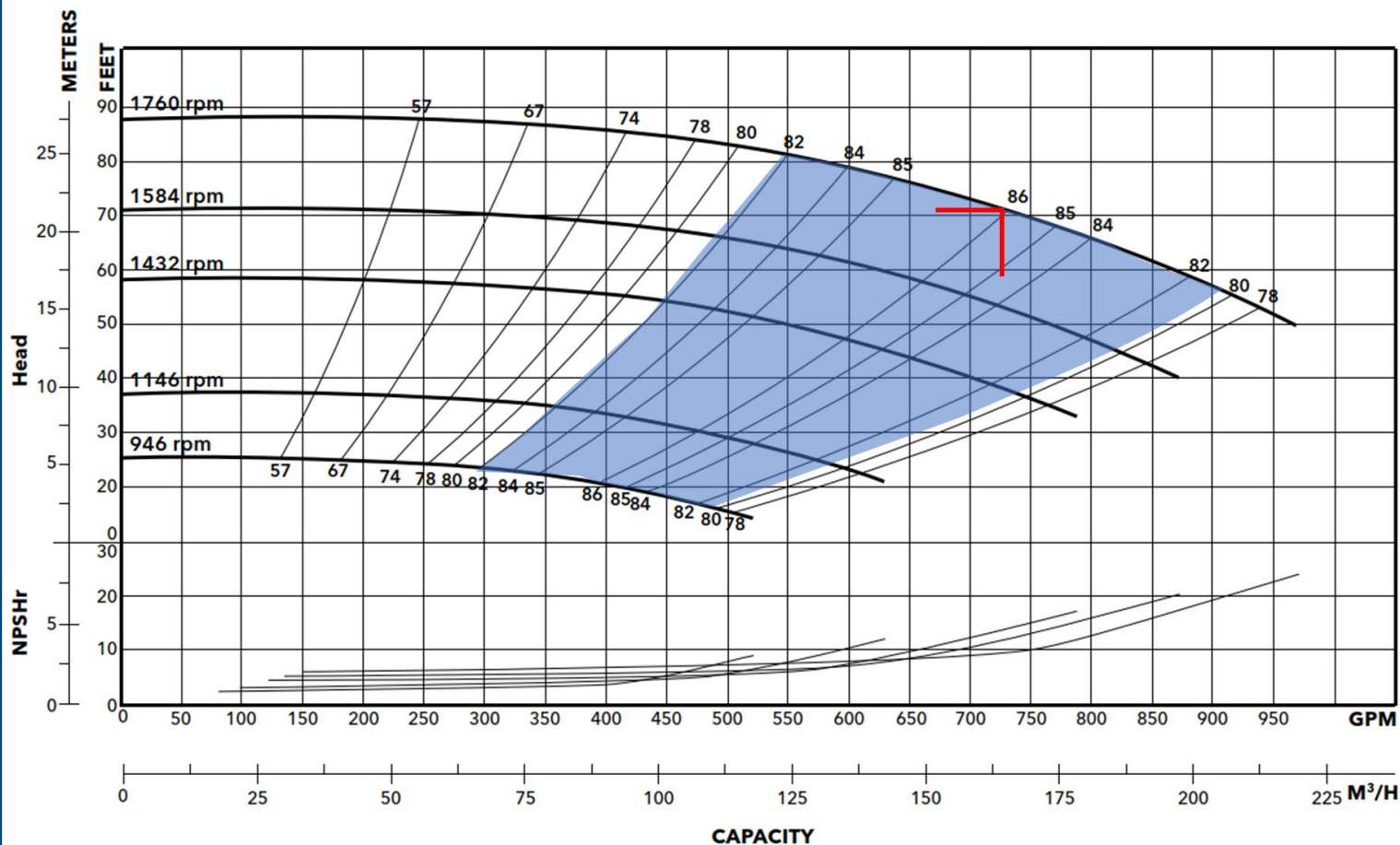


Performance Curve

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 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	256JM
Shaft Sleeve Diameter	1.625"
Motor Part Number	WEG 02018ET3E256JM-S

Motor Nameplate




MADE IN MEXICO

MAT: 13180577 CC029A
W01.TE0IC0X0N
MODEL 02018ET3E256JM-S



LISTED
3PT9
FOR SAFE AREA



Energy Verified

For 60Hz: Class I, Zone 2, IIC
Class I, Div.2, Gr. A,B,C,D - T3
Div 2 Inverter Duty (SF1.00)
CT 2:1/VT 1000:1

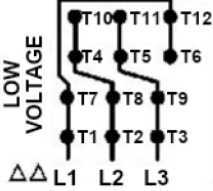
PH 3	Hz 60	HP 20
FR 254/6JM		kW 15
DUTY CONT.		V 230/460
ALT 1000 m.a.s.l		A 49.4/24.7
INS CL F ΔT 80K	IP55	SFA 56.8/28.4
AMB 40°C	DES B	SF 1.15
ENCL TEFC	CODE H	PF 0.82
		RPM 1765
		NEMA NOM. EFF 93.0%

ALTERNATE RATING: 15HP 50Hz 190-220/380-415V SF1.15
44.4-40.7/22.2-21.6A 1470RPM EFF 91.8% (IE3) IEC 60034-1

For safe area-Inverter duty motor For 60Hz use on VPWM 1000:1 VT, 4:1 CT

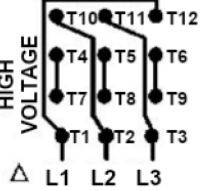
DE 6309-Z-C3	ODE 6208-Z-C3	MOBIL POLYREX EM	20000h
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LOW VOLTAGE



Δ Δ L1 L2 L3


HIGH VOLTAGE




Δ Δ L1 L2 L3

T1-BLU T2-WHT
T3-ORG T4-YEL
T5-BLK T6-GRY
T7-PNK T8-RED
T9-RED BRK
T10-CURRY
T11-GRN T12-VLT


INTERCHANGE ANY TWO LINE WIRES TO REVERSE THE ROTATION



WARNING: Motor must be grounded in accordance with local and national electrical codes to prevent serious electrical shocks. Disconnect power source before servicing unit.



AVERTISSEMENT: Le moteur doit être mis à la terre conformément aux codes électriques locaux et nationaux afin d'éviter tout choc électrique grave. Déconnectez l'alimentation avant l'entretien de la machine.



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

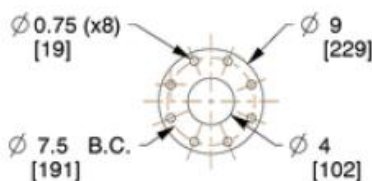
Mechanical Seal Assembly

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

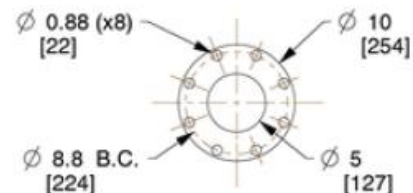
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Physical Dimensions

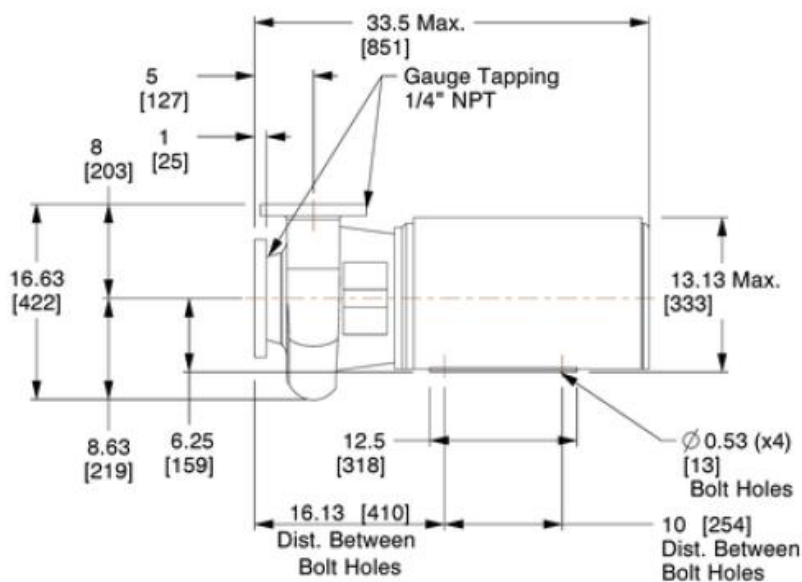
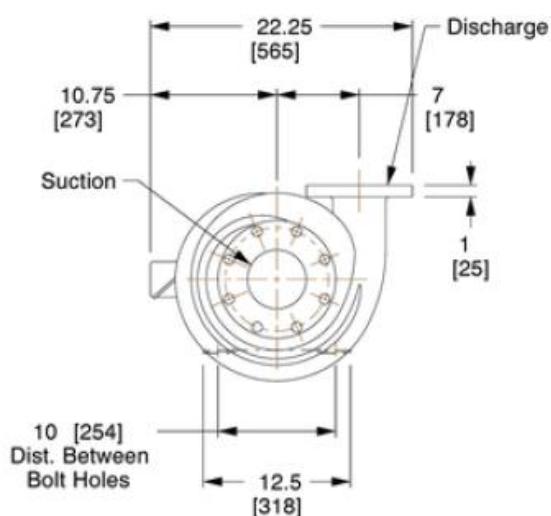
Approximate weight, lb	592
Floor space, sq. ft	4.39



4" DISCHARGE FLANGE
ANSI 125#



5" SUCTION FLANGE
ANSI 125#



Warranty

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