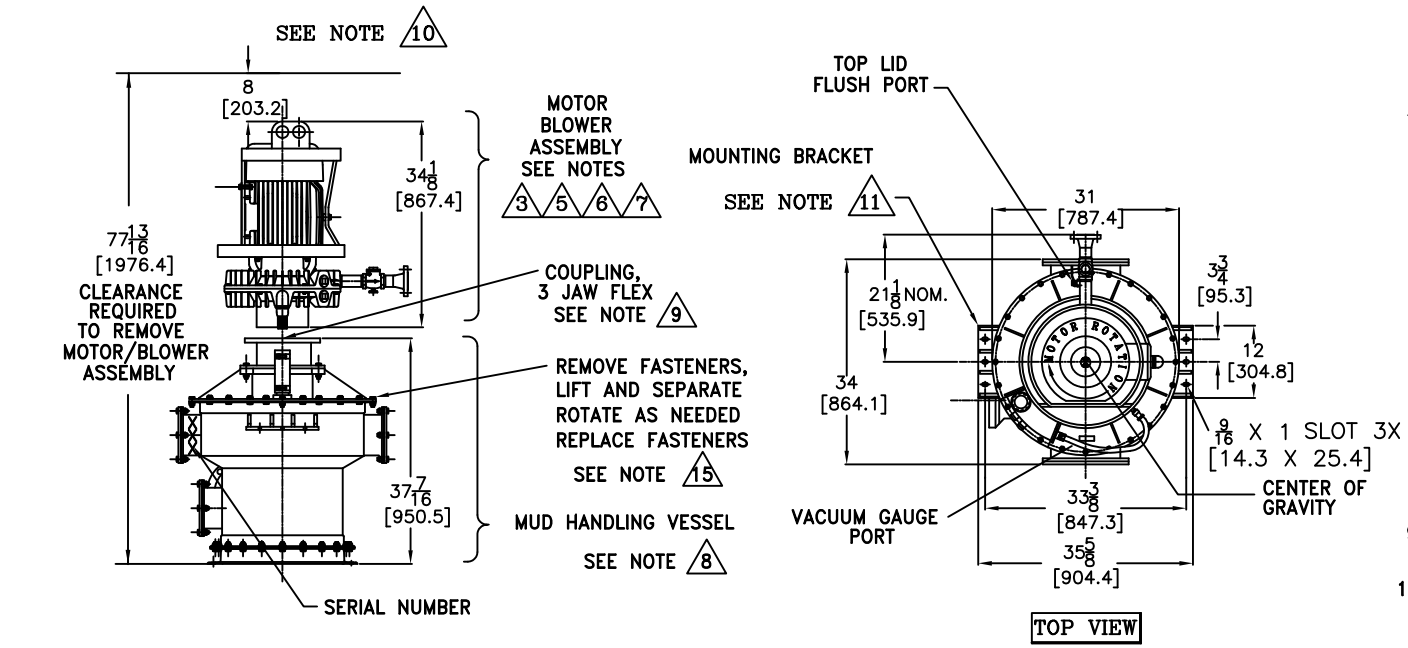

NOTES

1. THE MUD DISCHARGE AND INLET LINES MUST BE 6 IN. (150 MM) PIPE MINIMUM AND HAVE 18–24 IN. (455–610MM) CLEARANCE AROUND THE ENDS OF THE LINES
2. THE GAS DISCHARGE LINE IS 1–1/2 IN. (40 MM) 150# RAISED FACE FLANGE
3. AUTOMATIC LUBRICATION SYSTEM. CHANGE OIL AND CLEAN FILTER EVERY 1000 OPERATING HOUR.
4. THE MOTOR IS AVAILABLE 3 PH, 50 OR 60 HZ, UL/NEMA 20 HP EXPLOSION PROOF. WITH MOST COMMON VOLTAGES AND ANTI CONDENSATION HEATER
5. THE ROTATION DIRECTION IS CLOCK WISE AS SHOWN ON THE LOGO PLATE MOUNTED ON THE MOTOR
6. THIS VIEW SHOWS WHERE THE MOTOR SEPARATES FROM THE MAIN BODY BY REMOVING FOUR [4] CAPSCREWS
7. THE WEIGHT OF THE MOTOR BLOWER ASSEMBLY IS 517 LBS. (235 KGS.)
8. THE WEIGHT OF THE MUD HANDLING VESSEL IS 612 LBS. (278 KGS.) WITH HARDWARE AND FITTINGS
9. THE THREE JAW FLEX COUPLING MUST HAVE A RUBBER SPIDER BETWEEN THE COUPLING HALVES.
10. RECOMMEND AN AIR GAP OF 8 IN. (204 MM) MINIMUM TO BE MAINTAINED OVER THE MOTOR FOR VENTILATION AND REMOVING THE MOTOR BLOWER ASSEMBLY
11. RECOMMEND 1/2" (13 MM) THK. ISOLATION PAD, PART NUMBER 11987 BETWEEN MOUNTING BRACKETS & SUPPORT BEAM SURFACE.
12. ALL DIMENSIONS ACCURATE WITHIN ±1/16 IN. (1.6 MM) REVISIONS MAY BE IMPLEMENTED WITHOUT NOTIFICATION VARIATIONS MAY EXIST ON PRODUCTION DRAWING THAT MAY NOT BE NOTED ON THIS DOCUMENT.
13. GROSS WET WEIGHT TO BE SUPPORTED IS 1453 LBS (660 KG) [EST.] + INTAKE LINE + DISCHARGE LINE + DRILLING FLUID (MUD) CONTAINED BY EACH OF THESE COMPONENTS.
14. GROSS DRY WT. OF THE COMPLETE DEGASSER ONLY. IS 1130 LBS. (512 KG).
15. THE TOP MAY BE ROTATED IN INCREMENTS OF 15° TO DIRECT THE GAS DISCHARGE LINE WHERE NEEDED
16. EACH MODEL 500 BURGESS MAGNA-VAC DEGASSER IS MANUFACTURED ACCORDING TO RIGEROUS STANDARDS AND DOCUMENTED ON THE SERIAL NUMBER DRAWING.

REV.	DATE	DESCRIPTION	BY	CHECKED

BURGESS MANUFACTURING, LTD. — DO NOT SCALE DRAWING

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BURGESS DEGASSERS

TITLE: DEGASSER GENERAL ARRANGEMENT
MODEL 500 USA – PAD/BOTTOM MOUNTED

DRAWN BY: GDM — DATE: 17 FEB 06

APP'D: — DWG NO. 11920