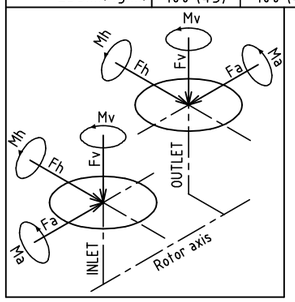
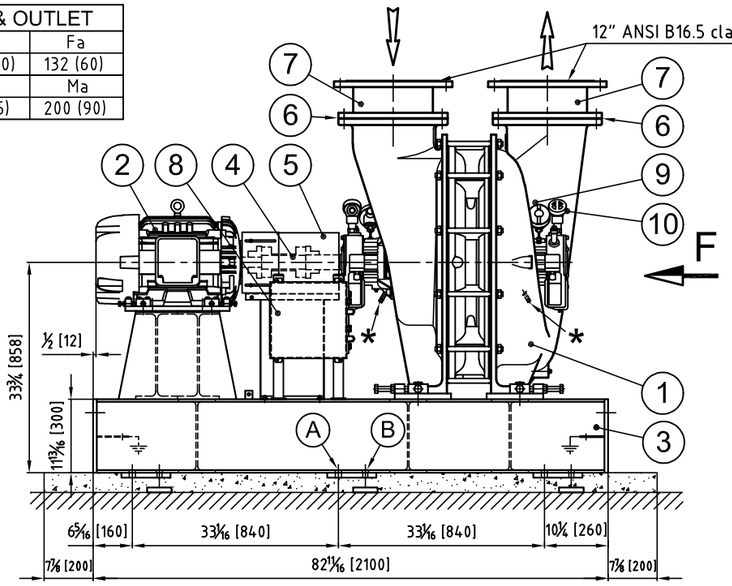
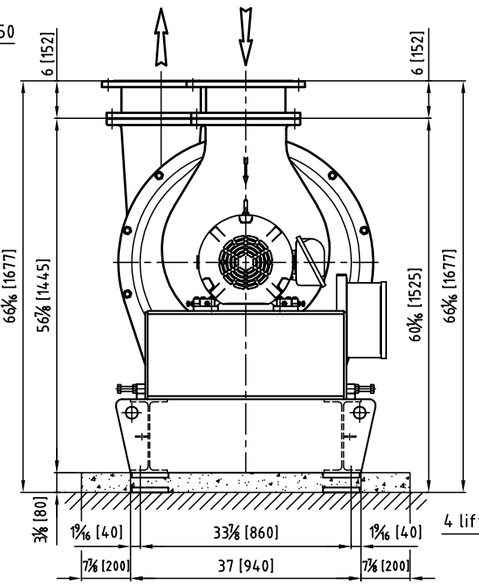
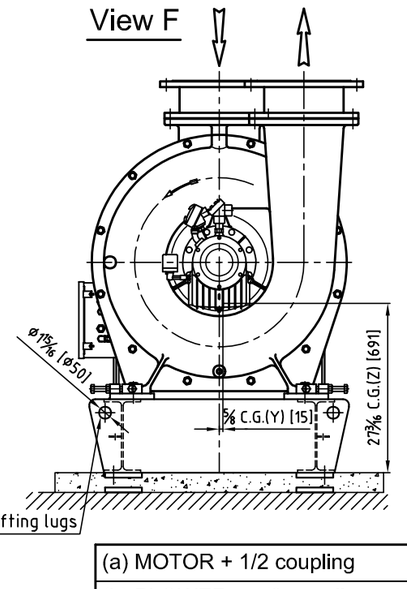
BLOWER FLANGES - INLET & OUTLET			
Admissible Loads Lbs(kg)	Fv	Fh	Fa
	330 (150)	265 (120)	132 (60)
Admissible Moments Lbs.m(kg.m)	Mv	Mh	Ma
	100 (45)	100 (45)	200 (90)

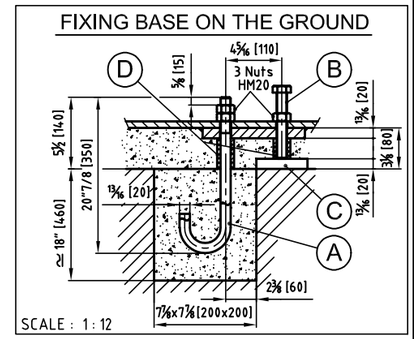




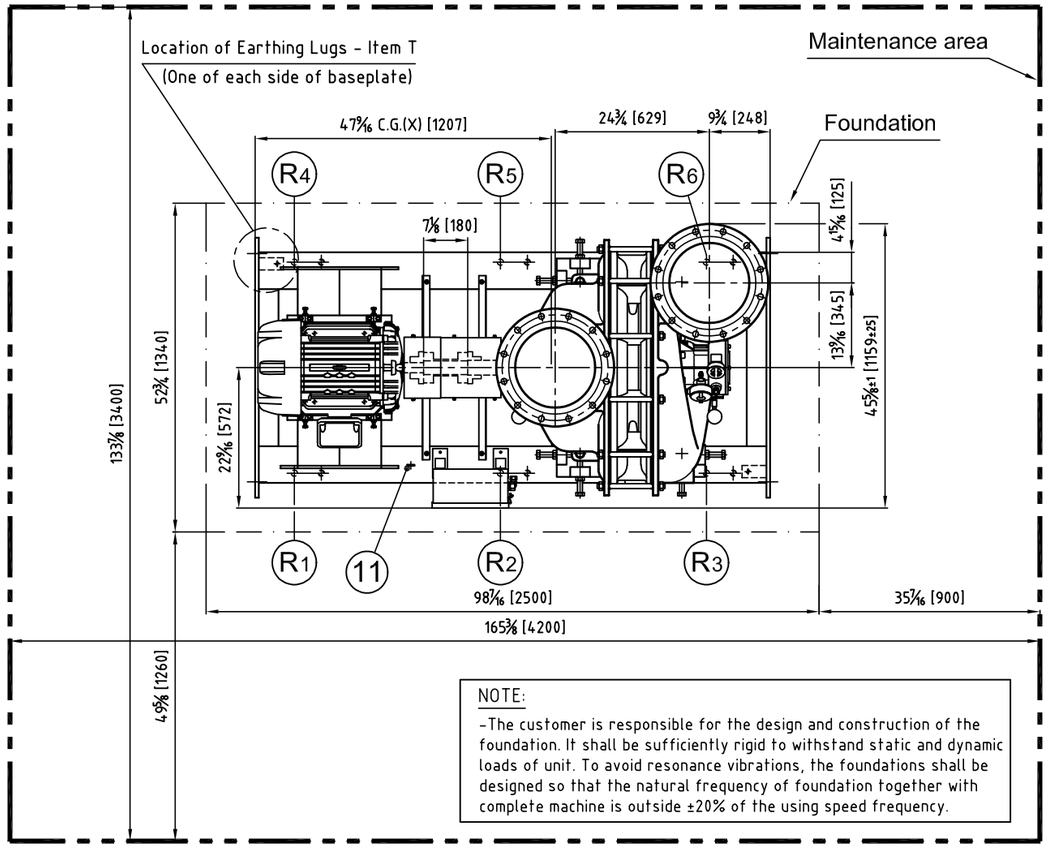




A : Foundation bolts Ref. S2867 : Hole 1"Dia. [ϕ25].
B : Levelling screw H M20x5"[H M20x130] : Hole M20.
C : Levelling plate : Dim. 6"x4"x3/4"[150x100x20].
D : Rubber isolating sleeve Ref. S2723.



	CENTER OF GRAVITY			PART. WEIGHT
	X	Y	Z	Lbs (kg)
(a) MOTOR + 1/2 coupling	14⅛ [357]	-1/16 [-2]	33¾ [858]	359 (163)
(b) BLOWER + 1/2 coupling + adapters	59¹³⁄₁₆ [1520]	1¼ [32]	36¼ [921]	2085 (946)
(c) BASE + coupling guard + junction box	36⁹⁄₁₆ [929]	-⅝ [-8]	10⅛ [255]	1243 (564)
COMPLETE BLOWER UNIT (a)+(b)+(c)	47⅞ [1207]	⅝ [15]	27⅜ [691]	3687 (1673)



NOTE:
-The customer is responsible for the design and construction of the foundation. It shall be sufficiently rigid to withstand static and dynamic loads of unit. To avoid resonance vibrations, the foundations shall be designed so that the natural frequency of foundation together with complete machine is outside ±20% of the using speed frequency.

* Purge connection:
-Ø1/4" Gas threaded.
-Pressure: around 20 mbar morte than process one.
-Flow: 1 m³/ h.
-See sectional drawing N°151-azv

Project: Air Product PO #4505654619
World Energy Paramount, CA
Vent Gas Blower
Tag #19F754A/B

NOTES:-Dimensions are in inches [mm] ; general tolerance ±3/8" [±10mm].
-Fixing base on the ground : See Dwg. N° 314 US.

NOTES:-Motor dimensions: See Dwg. #10LYJ567

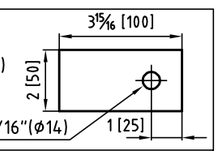
Qty.: 2 units

TOTAL WEIGHT FOR ONE UNIT ≃ 3740 Lbs / 1700 kg

ITEM	Qty.	PART No.	DESCRIPTION	WEIGHT: Lbs	WEIGHT: kg
12	1	/	BOLTING FOR ACCESSORIES ASSEMBLY (Not shown)	22	10
11	1	PATINOX	EARTHING BOLT	/	/
10	2	/	VIBRATION SENSOR	/	/
9	2	/	BLOWER HOUSING BEARING TEMPERATURE RTD PROBE	/	/
8	1	/	NEMA 4X STAINLESS STEEL JUNCTION BOX	20	9
7	2	MR-DN300/12"	FLANGED ADAPTER DN300 PN10 / 12"ANSI B16.5 class 150 RF	66	30
6	2	S1226	GASKET DN300	/	/
5	1	/	ALUMINIUM COUPLING GUARD	30	14
4	1	/	COUPLING with 7"1/8 [180] SPACER	26	12
3	1	TD15102	BASE + 6 anchor bolts & leveling screws	1245	565
2	1	284/6TS	"BALDOR" MOTOR 30 HP - 2 POLES - 460V/3/60Hz - TEFC	347	157
1	1	151A02	BLOWER TYPE 151A.02	1917	870

LOAD \ POINT		R1	R2	R3	R4	R5	R6
STATIC - Z	kg	158	272	372	157	298	416
	Lbs	348	599	820	346	657	917
DYNAMIC - Z	kg	150	270	372	165	300	416
	Lbs	330	595	820	364	661	917

Earthing lugs detail item T
2 S.Steel Earthing plate thk.: 3/16" (5mm)
SCALE : 1 : 5



CONTINENTAL INDUSTRIE S.A
S^t TRIVIER/MOIGNANS FRANCE

BLOWER TYPE 151A.02

DIMENSIONAL DRAWING

Your Order No.: 220613-04
Our Order No.: A.R.037005
Customer: C.I. BLOWER L.L.C.

DR : B.D | CHKD : D.R
Revision | 05/12/2022

ASSEMBLY :
DATE : 21/07/2022
SCALE : 1 : 25
SIZE : A3

DWG No. 151-bhe | REV. 1

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