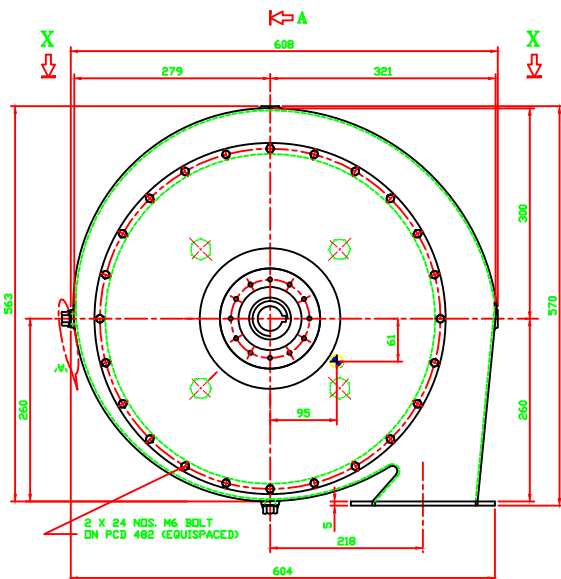
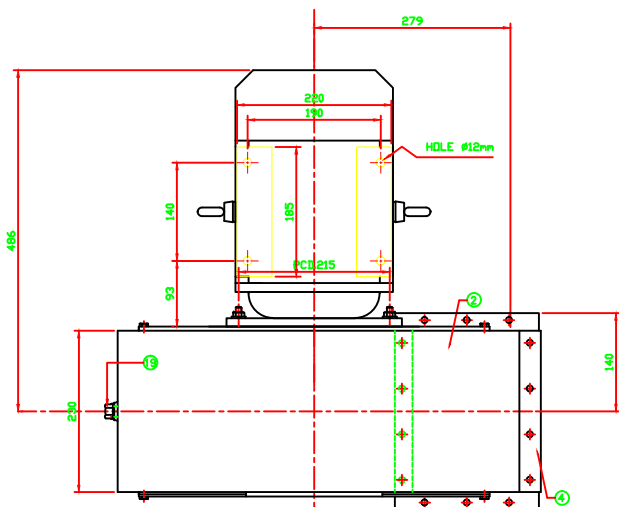


RESTRICTED

BLOWER ASSEMBLY



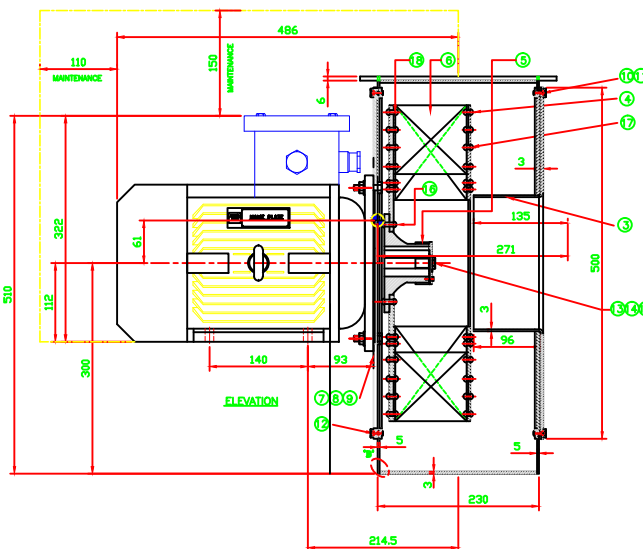
ELEVATION



VIEW FROM 'X - X'

19	SOCKET WITH PLUG VENT	AL-Mg ALLOY, Gr.53000 TO IS 737 Gr. NE 5-M.	1	SEE DETAIL
18	RIVET	AL-Mg ALLOY, Gr.53000 TO IS 737 Gr. NE 5-M.	12	M8 X 12 LONG
17	RIVET	AL-Mg ALLOY, Gr.53000 TO IS 737 Gr. NE 5-M.	60	M4 X 5 LONG
16	RIVET	AL-Mg ALLOY, Gr.53000 TO IS 737 Gr. NE 5-M.	84	M4 X 5 LONG
15	LOCKING PLATE	AL-Mg ALLOY Gr 54300	1	SEE DETAIL
14	LOCK WASHER	SPRING STEEL SAE (1964) 6150H IS 4431	1	SUITABLE FOR M-10
13	SCREW HEX HD	MS, SA 193 Gr 8.8 A	1	M 10 X 1 P X 30 LONG
12	SCREW HEX HD (BACK FLANGE TO CASING)	MS, SA 193 Gr 8.8 A	24	M 6 X 1 P X 20 LONG
11	SCREW HEX HD (FLANGE INLET TO CASING)	MS, SA 193 Gr 8.8 A	24	M 6 X 1 P X 16 LONG
10	GASKET	SMOOTH NEOPRENE RUBBER BS 2752	1	OD 485 X ID 465 X 3 THK
9	SPRING WASHER	SPRING STEEL, SAE(1964) 6150H IS 4431	4	SUITABLE FOR M 16
8	NUT HEX.	MS, SA194 Gr 2H	4	M 16 X 1.25 P
7	SCREW HEX HD (MOTOR TO CASING)	MS, SA 193 Gr 8.8 A	4	M 16 X 1.25 P X 40 LONG
6	IMPELLER ASSEMBLY	AL-Mg ALLOY, Gr.54300 TEMPER 0 TO IS 737/GRADE 5083 B 0 BS 1470	1	REFER DWG. DMDE/PCC-25_16/SHT-05
5	HUB	AL-Mg ALLOY, Gr.53000 TO IS 737 Gr. NE 5-M.	1	REFER DWG. DMDE/PCC-25_16/SHT-05
4	FLANGE OUTLET ASSEMBLY	AL-Mg ALLOY, Gr.54300 TEMPER 0 TO IS 737/GRADE 5083 B / BS 1470	1	REFER DWG. DMDE/PCC-25_16/SHT-03
3	FLANGE INLET ASSEMBLY	AL-Mg ALLOY, Gr.54300 TEMPER 0 TO IS 737/GRADE 5083 B / BS 1470	1	REFER DWG. DMDE/PCC-25_16/SHT-04
2	BLOWER CASING	AL-Mg ALLOY, Gr.54300 TEMPER 0 TO IS 737/GRADE 5083 B / BS 1470	1	REFER DWG. DMDE/PCC-25_16/SHT-03
1	MOTOR	AS PER POLYPHASE MAKE	1	REFER SPECIFICATIONS & DRG. 0100-GA-01

PART NO.	DESCRIPTION	MATERIAL	QTY.	SIZE
BILL OF MATERIAL				



SECTION 'A-A'

DESIGN.

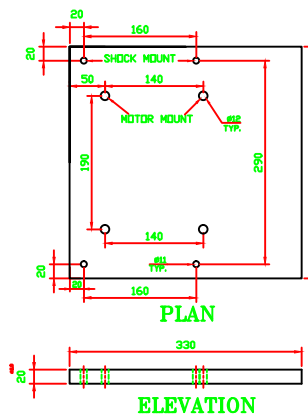
MAX. AIR QTY. HANDLED	:	1.0 CMS
ELECTRIC CONSUMPTION	:	3.7 KW
AIR PRESSURE TO OVERCOME	:	75 mmWG

ELECTRIC MOTOR SPECIFICATIONS

TYPE	:	INDUCTION, TEFC
CAPACITY	:	3.7 KW, 4 POLE, 3PH, 50Hz, 380 V
FRAME SIZE	:	112M
INSULATION CLASS	:	F, PROTECTION - IP 56
MAKE	:	NARHARI
TOTAL WT. OF MOTOR	:	60 Kgs
EFFICIENCY	:	82.7 %
HEAT DISSIPATION	:	774 WATTS

NOTES :-

- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.
- ALL AL-Mg ALLOY, (BS 1470) TO AL-Mg ALLOY WELDING TO BE DONE BY ARGON TIG WELDING.
- ALL WELDEMENT ARE TO BE D. P. TESTED.
- ALL IMPELLERS ARE TO BE STATICALLY AND DYNAMICALLY BALANCED.



DETAILS OF
INTERMEDIATE PLATE
MATERIAL-IS 2062

CUSTOMER :	
PURCHASE ORDER NO.:	(MATERIAL CODE) (AM4441747012)
FIRM'S NAME:	PO. DATED:
EQPT NAME: METALLIC - BLOWER	
GENERAL/SECTIONAL TYPE OF DRAWING: ARRANGEMENT	
WEIGHT : Approximate 80 Kgs.	DRAWING NO. 34023540118
DRAWN BY	REV.NO. 0
CHECKED BY	DATE : 20-07-2017
UNSPECIFIED TOLERANCES : BASE ± 2.5%	TOTAL NO. OF SHEETS 1
SHEET NO. 1	
DMDE REMARKS	
CORRECTIONS MARKED APPROVED	
SCALE N.T.S.	
ALL DIMENSIONS ARE IN MM	