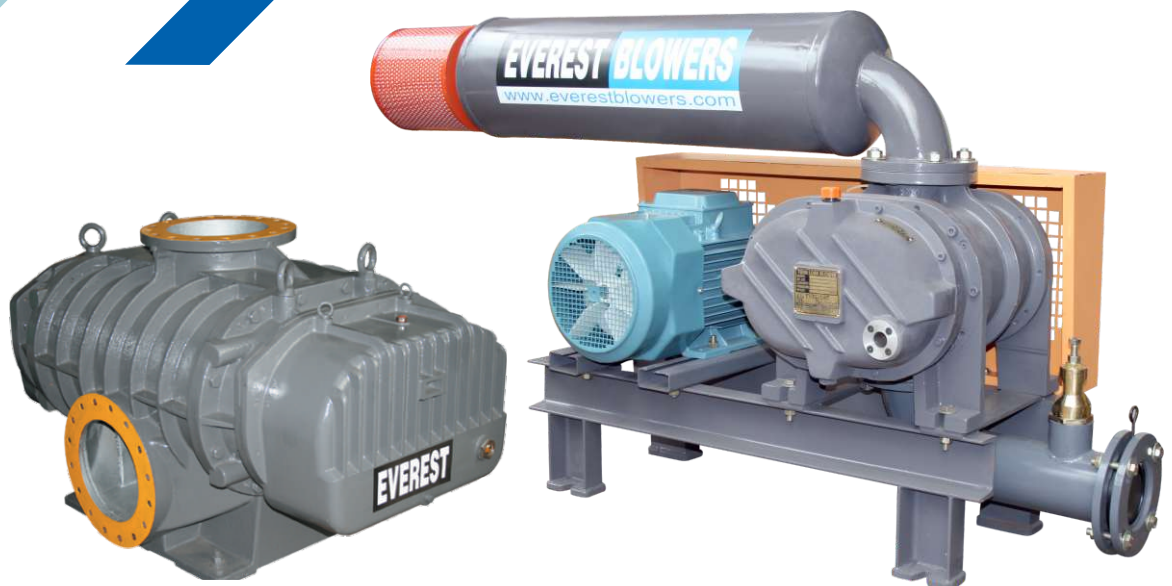


POSITIVE DISPLACEMENT BLOWERS & VACUUM PUMPS

TWIN LOBE & TRI-LOBE SERIES

CATALOGUE INCLUDES

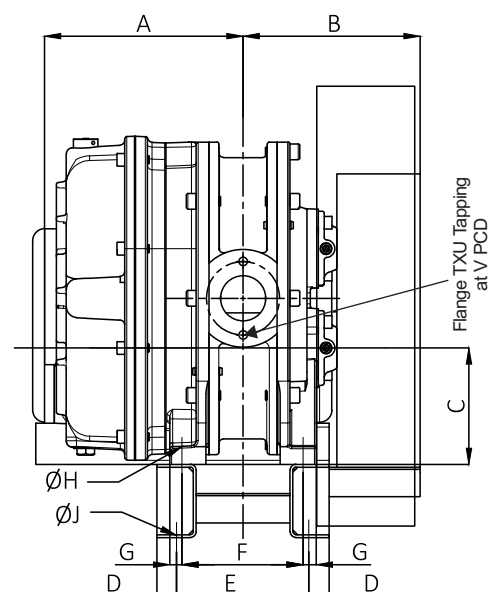
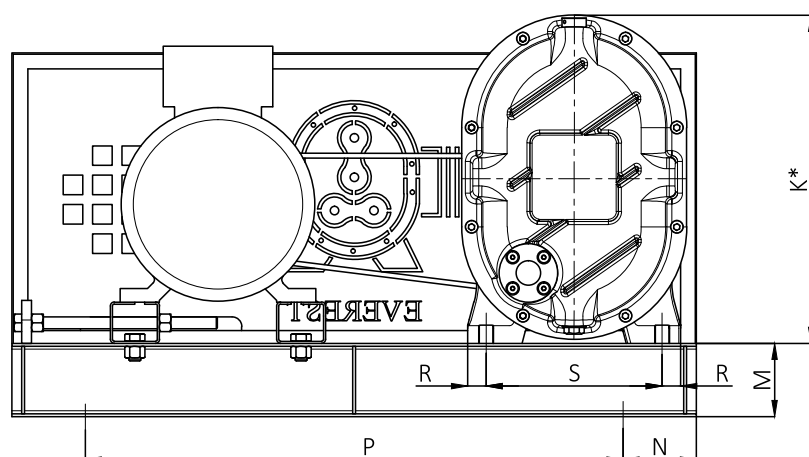
Twin-lobe Rotary Air Blowers | Compressors
Tri-lobe Rotary Air Blowers | Compressors
Tri-lobe Vertical Rotary Air Blowers | Compressors
Twin Lobe Rotary Gas Blowers | Compressors
Integral Gear Box Design - High Seppd Turbo Blowers
Multistage Centrifugal Blowers
Acoustic Hoods | Enclosures
Vacuum Pumps
Spares



PERFORMANCE TABLE TWIN-LOBE ROTARY BLOWERS

AIR COOLED												WATER COOLED											
MODEL	SPEED	1000 mmWC		2000 mmWC		3000 mmWC		4000 mmWC		5000 mmWC		6000 mmWC		7000 mmWC		8000 mmWC		9000 mmWC		10000 mmWC			
	RPM	m³/hr	BKW	m³/hr	BKW	m³/hr	BKW	m³/hr	BKW	m³/hr	BKW	m³/hr	BKW	m³/hr	BKW	m³/hr	BKW	m³/hr	BKW	m³/hr	BKW		
67	700	286	1.6	241	2.7	207	3.7	179	4.8	154	5.9	131	6.9	110	8.0	90	9.1	72	10.1	54	11.2		
	1000	454	2.3	410	3.8	376	5.3	347	6.8	322	8.4	299	9.9	278	11.4	258	12.9	240	14.5	223	16.0		
	1400	678	3.2	634	5.3	600	7.4	571	9.6	546	11.7	523	13.8	502	16.0	483	18.1	464	20.2	447	22.4		
	1700	847	3.9	802	6.5	768	9.0	740	11.6	714	14.2	692	16.8	671	19.4	651	22.0	633	24.6	615	27.2		
	2000	1015	4.5	971	7.6	937	10.6	908	13.7	883	16.7	860	19.8	839	22.8	819	25.9	801	28.9	784	32.0		
	2200	1127	5.0	1063	8.3	1049	11.7	1020	15.1	995	18.4	972	21.8	951	25.1	932	28.5	913	31.8	896	35.2		
	2400	1239	5.4	1195	9.1	1161	12.8	1132	16.4	1107	20.1	1084	23.7	1063	27.4	1044	31.1	1025	34.7				

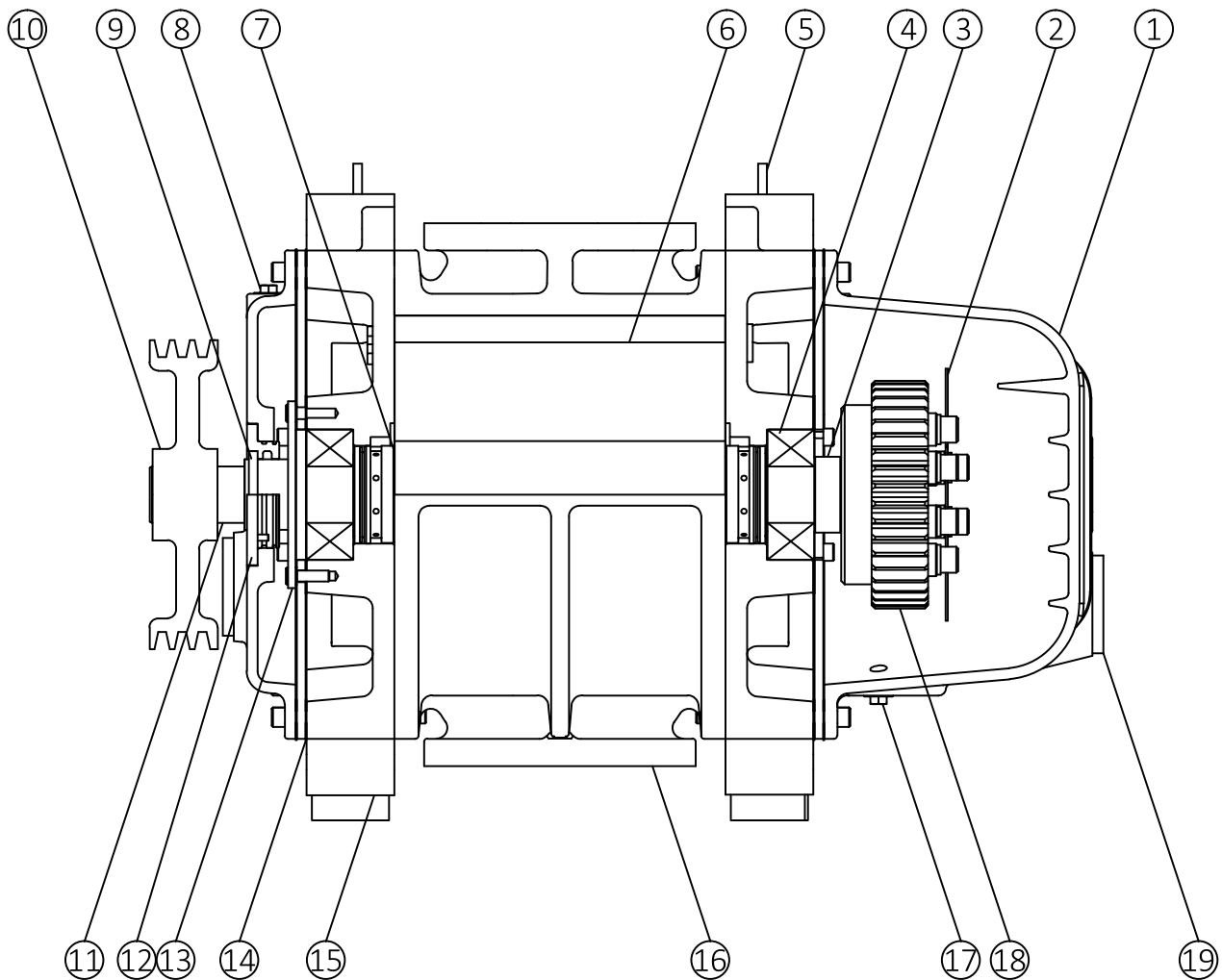
TWIN-LOBE DIMENSIONS AND WEIGHT



Model	A	B	C	D	E	F	G	H	J	K*	M	N	P	R	S	T	U	V	WT. (KG)	Line size (NB)	Noise Level dB(A)	Orientation
67	359	415	250	37	471	281	15	16	14	467	500	68	900	41	400	4	M16	160	700	100	88	VF

* Max. height of blower (From hook top to foot bottom or Blower Discharge top to foot bottom) Units: mm, Weight (WT.) : Blower weight in "Kg"
The above Noise Level are given considering Blower without Acoustic Hood at 1500 RPM and 4000 - 5000 mmWC

TWIN-LOBE STRUCTURE OF MATERIAL

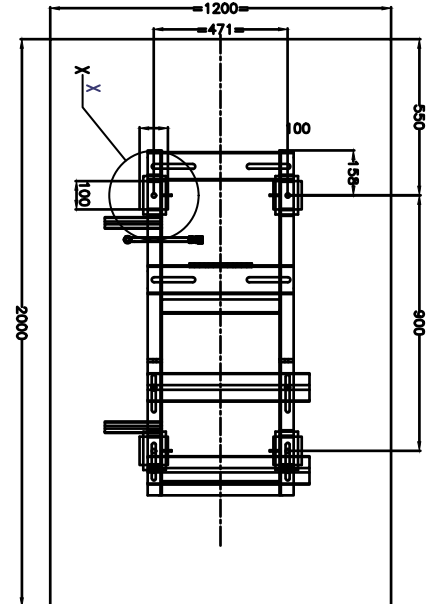
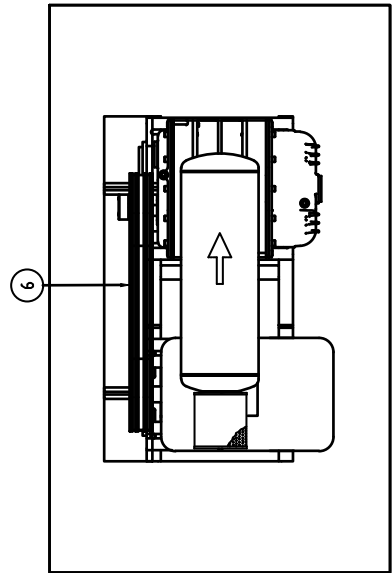


TWIN-LOBE BLOWER STRUCTURE & MATERIAL DETAIL

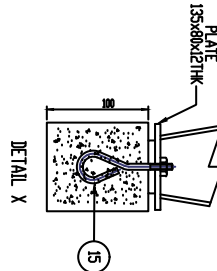
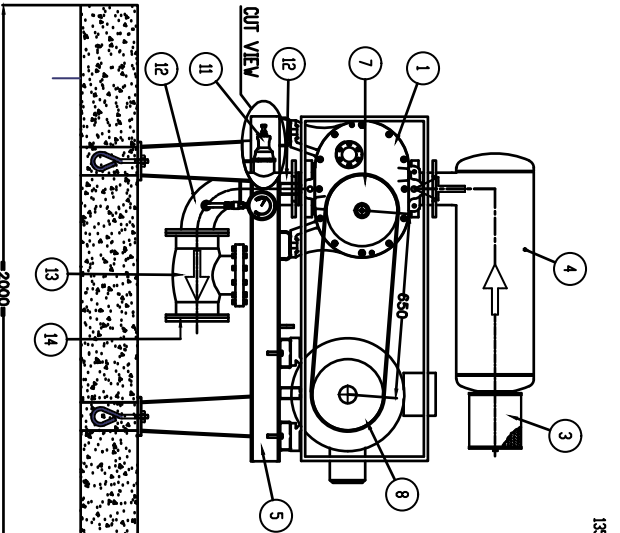
NO.	NAME	MATERIAL	NO.	NAME	MATERIAL
1	GSP Cover	C.I. FG200	12	Oil Seal Housing	C.I. FG260
2	Oil Splasher	CR Sheet / Aluminum	13	Bearing Clamp	M.S.
3	Spacer	M.S./EN8	14	Gasket	Non Asbestos
4	Bearing	Alloy Steel	15	Side Plate	C.I. FG260
5	Lifting Hook	M.S.	16	Body	C.I. FG260
6	Rotor	S.S./C.I./SG Iron	17	Oil Drain Plug	M.S. Magnetic
7	Piston/Axial Bush	C.I./EN8	18	Timing Gear	Alloy Steel
8	Oil Fill Plug	M.S./Brass	19	Oil Indicator	Aluminum
9	Oil Seal	Nitrile/Viton	20	-	-
10	Pulley	C.I.	21	-	-
11	Shaft	EN8/EN19	22	-	-

1
2
3
4
5
6
7
8

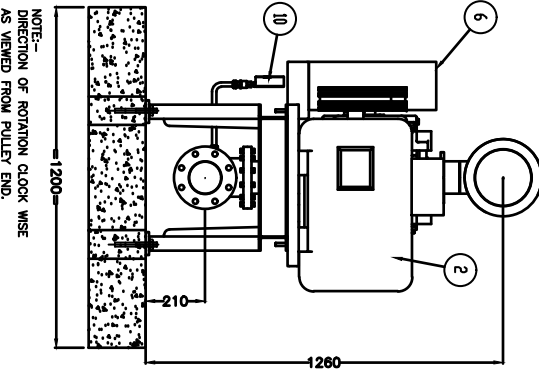
PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE
PROPERTY OF EVEREST BLOWERS. ANY REPRODUCTION IN PART
OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF EVEREST
BLOWERS IS PROHIBITED.



FOUNDATION DETAIL



GROUND LEVEL A
GROUND LEVEL B



NOTE:-
DIRECTION OF ROTATION CLOCK WISE
AS VIEWED FROM PULLEY END.

- NOTES & RECOMMENDATIONS:-
1. CLIENT SUPPLY FOUNDATION, DISCHARGE LINE & ITS
TREATMENT FOR CORROSION PROTECTION & SOUND PROOFING.
2. BLOWER ROTATION CLOCKWISE AS VIEWED FROM PULLEY
SHFT END.
3. GROUND LEVEL WILL BE AT LEVEL 'A' FOR DIRECT BASE AND AT
LEVEL 'B' FOR RAISED BASE.

- STATIC LOAD:-
1. STATIC WEIGHT OF BLOWER = 210 KG
2. STATIC WEIGHT OF MOTOR = 275 KG
3. WEIGHT OF ACCESSORIES = 156 KG
4. STATIC WEIGHT OF ASSEMBLY = 682 KG (APPROX)
5. DYNAMIC LOAD OF ASSEMBLY = 15x STATIC LOAD= 978 KG (APPROX)

NOTE:- UNSPECIFIED TOL. $\pm 5\%$

GA FOR TENTATIVE USE

EQUIPMENT NAME	
MODEL NO	67 ET
QUANTITY	
CLIENT	
P.O. REF.	
BLOWER DATA	
CAPACITY	
PRESSURE	
SPEED	
B.H.P	
MOTOR	

15	FOUNDATION BOLT WITH ANP	4	EVEREST
14	COMPANION FLANGE	1	EVEREST
13	INRY(CHECK VALVE)	1	EVEREST
12	DISCHARGE BEND	1	EVEREST
11	PR. RELIEF VALVE	1	EVEREST
10	PRESSURE GAUGE	1	EVEREST
9	V-BELTS	1	EVEREST
8	MOTOR PULLEY	1	EVEREST
7	BLOWER PULLEY	1	EVEREST
6	BELT GUARD	1	EVEREST
5	BASE FRAME	1	EVEREST
4	SUCTION SILENCER (100MM)	1	EVEREST
3	SUCTION AIR FILTER	1	EVEREST
2	ELECTRIC MOTOR	1	CLIENT SCOPE
1	AIR BLOWER 67	1	EVEREST
S.NO	PART	QTY	MAKE

TITLE:-
GA 67 WITH STD ACCESSORIES
GA FOR TENTATIVE USE

DRW- KS	CDP- SCS	APPD- DM	DATE- 11/12/16	WTL- AS PER DIM	REV- 00
DRG NO- P/0000000			REF: GA_67 ET STD_R0		

SHEET:-
QTY:-
01
SHEET:-
1 OF 1
TO SCALE
CAST VT.
FINISH VT.