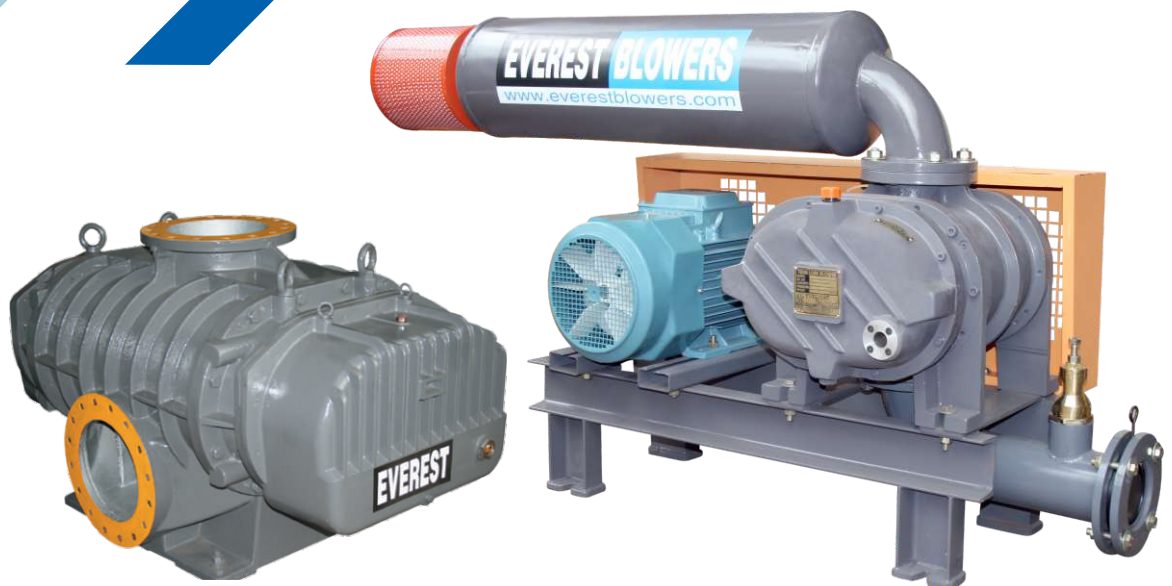


POSITIVE DISPLACEMENT BLOWERS & VACUUM PUMPS

TWIN LOBE & TRI-LOBE SERIES

CATALOGUE INCLUDES

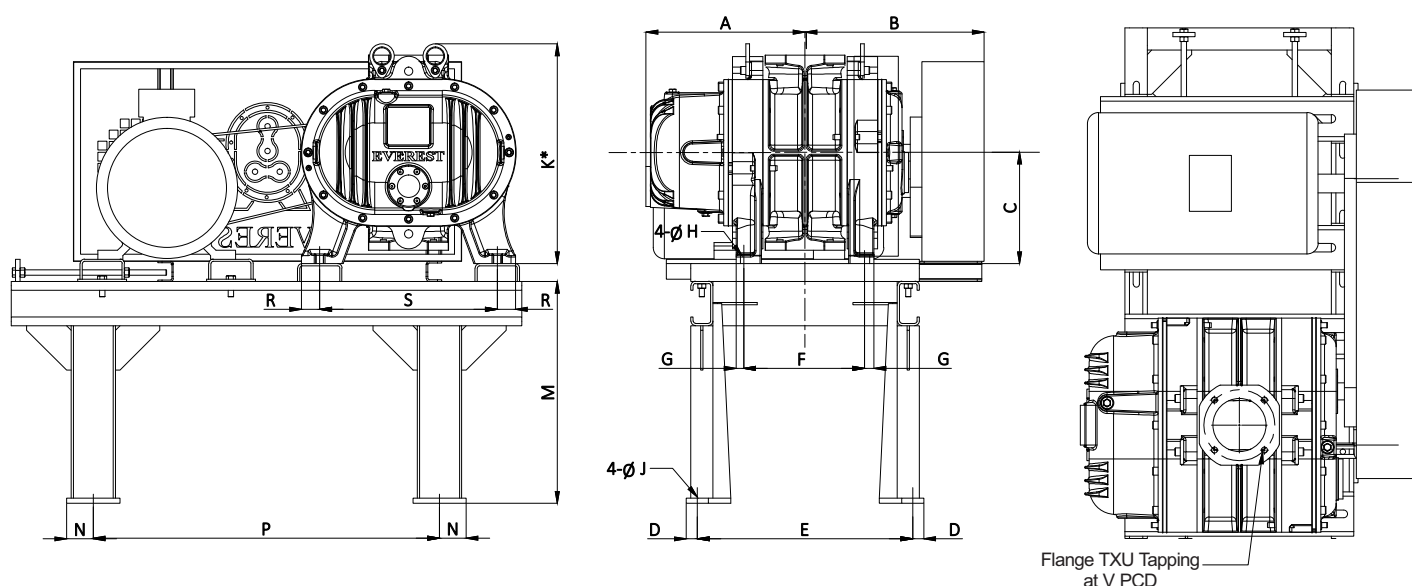
Twin-lobe Rotary Air Blowers | Compressors
Tri-lobe Rotary Air Blowers | Compressors
Tri-lobe Vertical Rotary Air Blowers | Compressors
Twin Lobe Rotary Gas Blowers | Compressors
Integral Gear Box Design - High Seppd Turbo Blowers
Multistage Centrifugal Blowers
Acoustic Hoods | Enclosures
Vacuum Pumps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



PERFORMANCE TABLE TWIN-LOBE ROTARY BLOWERS

AIR COOLED															
MODEL	SPEED	1000 mmWC		2000 mmWC		3000 mmWC		4000 mmWC		5000 mmWC		6000 mmWC		7000 mmWC	
	RPM	m ³ /hr	BKW	m ³ /hr	BKW	m ³ /hr	BKW	m ³ /hr	BKW	m ³ /hr	BKW	m ³ /hr	BKW	m ³ /hr	BKW
M422	1600	26	0.2	19	0.3	14	0.5	9	0.6	5	0.7	2	0.8	0	0.9
	2000	37	0.3	30	0.4	25	0.6	20	0.7	16	0.9	12	1.0	9	1.2
	2600	54	0.4	47	0.5	41	0.7	36	0.9	32	1.1	29	1.3	25	1.5
	3200	70	0.4	63	0.7	57	0.9	53	1.1	49	1.4	45	1.6	42	1.9
	3800	86	0.5	79	0.8	74	1.1	69	1.4	65	1.6	61	1.9	58	2.2
	4400	103	0.6	95	0.9	90	1.3	85	1.6	81	1.9	78	2.2	74	2.6
	5000	119	0.7	112	1.1	106	1.4	102	1.8	98	2.2	94	2.5	91	2.9

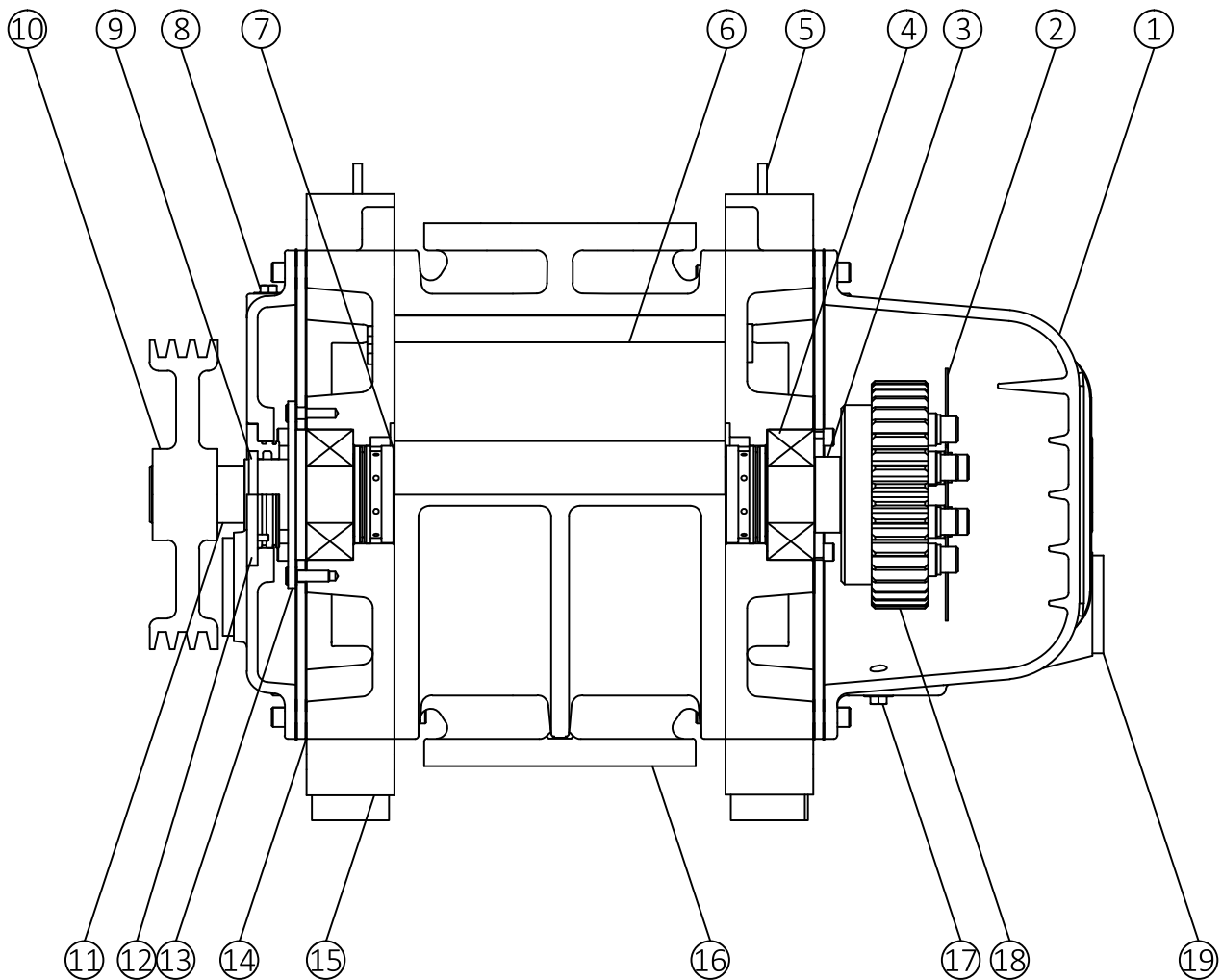
TWIN-LOBE DIMENSIONS AND WEIGHT



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
M422	142	120	93	20	190	116	12	11	12	169	233	43	520	20	90	-	1-1/4" BSP	-	65	32	82	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	-	-