



DATA SHEET FOR FLP EXHAUST FAN

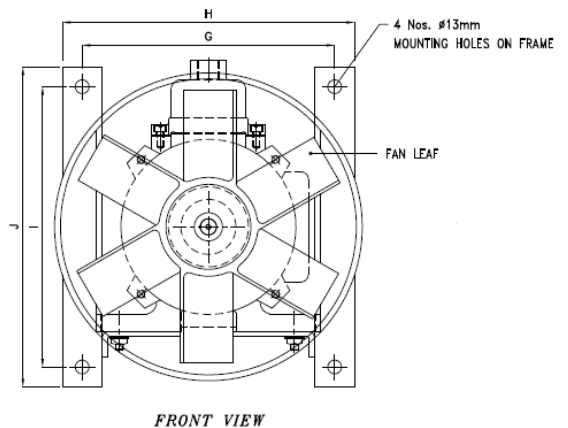
TECHNICAL DATA:

- PRODUCT NAME : CAT NO: EF / 140
- ENCLOSURE : FLAME PROOF (Ex -d), Gas Group IIA , IIB, IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 65 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA CLASSIFICATION : Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc
(ZONE 1 & 2 & Zone 21 & 22)
- CERTIFICATION : CIMFR , BIS , PESO
- TEMPERATURE CLASS : T 6
- BLADE MATERIAL : ALUMINIUM (NON SPARKING)
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- MOTOR : MOC – CAST IRON
- INSULATION : CLASS F INSULATION.
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- ENTRIES : 1 No's M20 / ½ " NPT / EQUIVALENT



SELECTION CHART

SR.NO	SIZE	MOTOR HP	SPEED RPM	C.F.M	VOLTAGE
1	305(12")	0.25	1440	1120	230 V / 415 V
2	380(15")	0.25	1440	2350	230 V / 415 V
3	457(18")	0.33	1440	4000	230 V / 415 V
4	457(18")	0.5	1440	4000	230 V / 415 V
5	610(24")	0.75	1440	6100	230 V / 415 V
6	610(24")	1	1440	7500	230 V / 415 V
7	610(24")	0.75	920	6100	230 V / 415 V
8	610(24")	1	920	7500	230 V / 415 V
9	760(30")	1.5	920	9000	415 V
10	900(34")	2	920	12000	415 V



OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	GLAND & PLUG	BRASS / SS / ALUMINIUM
2.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
3.	VOLTAGE	SINGLE PHASE 230 V AC / THREE PHASE 415 V AC
4.	RPM	920 / 1440
5.	ACCESSORIES	LOUVER, BIRD CATCHER FRONT / BACK WIRE MESH

Flp-wp Exhaust Fan Size Options with Dimensions & Rating :

Sr.	Fan Size	ØA	G	H	I	J	HP	Phase
1	12"	314	250	315	360	422	0.25 HP	Single Phase
2	15"	388	250	315	450	510	0.25 HP	Single Phase
3	18"	480	250	315	550	608	0.33 HP	Three Phase
4	24"	635	275	350	705	760	1 HP	Three Phase
5	30"	787	275	350	860	900	1 HP	Three Phase
6	36"	952	275	350	1020	1060	1 HP	Three Phase

