



TECHNICAL PARTICULARS OF BRUSHLESS DC CARRIAGE FAN

Fan will generally conform to IS:6680-92 Rev-1 with RDSO's revised annexure 'H' of June 1994 having following features.

1.0	GENERAL	
1.1	MOTOR	Permanent magnet DC motor without field coil. Motor shall be of shell construction with MS pipe.
1.2	TYPE OF GUARD	Expanded steel wire mesh guard in one piece construction.
1.3	BLADE	4-leaf fire retardent plastic.
1.4	FINISH	Powder coating on metallic surfaces.
2.0	TECHNICAL	
2.1	RATED VOLTAGE	110 VDC (Nominal), Range 70 to 135 VDC
2.2	RATED POWER INPUT	32 Watts (max.)
2.3	RATED AIR DELIVERY	65 cubic metre/min (minimum)
2.4	WEIGHT OF COMPLETELY ASSEMBLED FAN	8 Kg (max.)
2.5	TEMPERATURE RISE (by resistance method)	20 Deg.C (max.) over ambient
2.6	NOISE LEVEL	52 dBA (maximum)
2.7	CLASS OF INSULATION	E
2.8	SWEEP	400 mm.

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