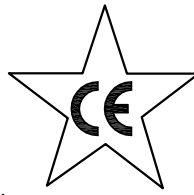


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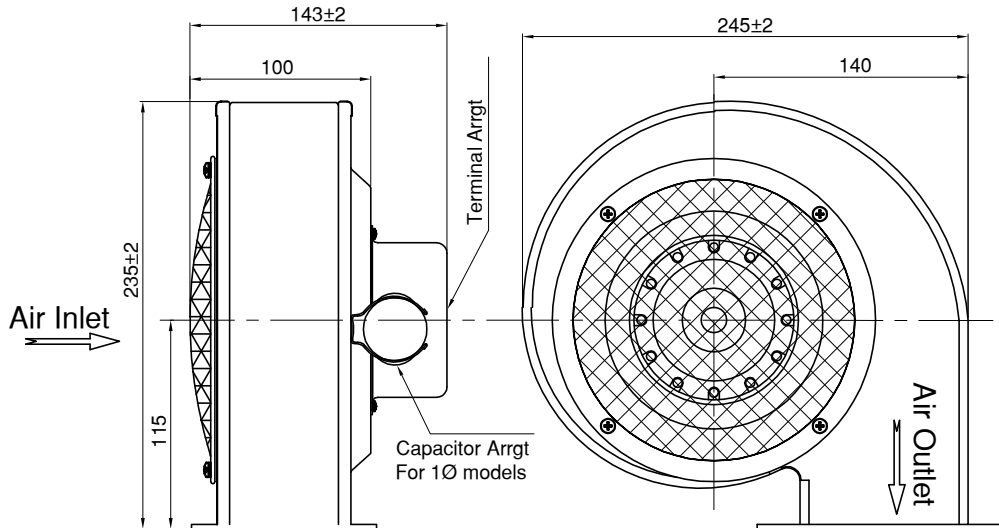
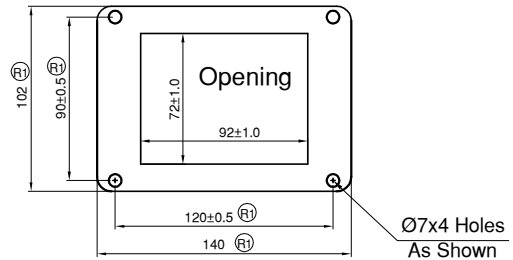
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ISSUE	DESCRIPTION	DATE	SIG
R1	Flange dimensions were corrected	22-12-16	AS
R2	Supply voltage tolerance included	19-12-20	AS



All Dimensions in mm

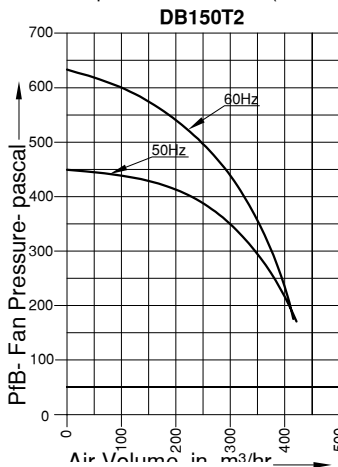
Finish: Epoxy Powder Coated - Black Texture



Performance Data

Model	Supply (V±10%)	Full open Air Vol m³/hr ±5%	Shut off Pressure Pa	Max Power Input W±10%	Current A ±10%	Speed RPM ±5%	Max Inlet Air Temp °C	Weight kg	Noise Level dbA Typ	Class of Insulation
DB150T2	415V, 3φ, 50Hz	420	450	140	0.22	2570	50	3.70	73	Class B
	380V, 3φ, 60Hz	420	635	180	0.30	2645	50	3.70	73	
DB150S2	240V, 1φ, 50Hz	415	430	150	0.63	2570	50	3.70	73	
	220V, 1φ, 60Hz	375	615	190	0.86	2335	50	3.70	73	
DB150S4	240V, 1φ, 50Hz	235	100	45	0.22	1400	50	3.70	62	

Air Volume Vs Fan(Total) Pressure Limits of Vibration: 2.8 mm/s rms-ISO14694:2003 - BV-3 tested as per ISO5801 Cat B (Ducted Outlet)

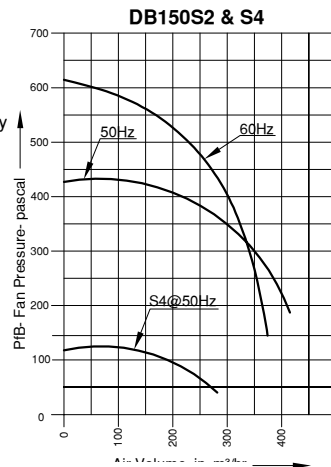


- List of Routine Tests Conducted:
1. Measurement of Winding Resistance of Motor.
 2. Measurement of parameters like Power, Current, Speed and Vibration at 50Hz supply with Free inlet and free outlet.

Model	Supply	Current	Power	Speed
DB150T2	415V, 3φ, 50Hz	0.23	150	2510
DB150S2	240V, 1φ, 50Hz	0.70	165	2490

3. High Voltage Test for 10Sec
 - 3a. For 240V: 1.5KV RMS
 - 3b. For 415V: 2.0KV RMS
4. Insulation Resistance with 500V DC Megger

Minimum Insulation resistance shall be 5Mega ohm.



Supersedes Drg. No. DB150-101

Note:

- *Air output - Conversion to cfm: multiply "m³/hr" by 0.59
- *Fan Pressure - Conversion to mmwc: Divide "pascal" by 9.81
- *Due to continuous development, we reserve the right to modify the above details and specification without prior notice

DIM IN () IS FOR REFERENCE ONLY		DEVIATION ON UNTOLERANCED DIMENSION ARE TO BE AS PER IS:2101-MEDIUM CLASS	
ALL DIMENSIONS ARE IN MM		FILE NAME : Specification DB150 (STD).dwg	SCALE - NTS FIRST ANGLE PROJ
DESIGNED BY	CHECKED BY A.S	APPROVED BY A.S	DATE:25/04/2015 ISSUED DATE
Dynamic Motors (India) Pvt. Ltd. CHENNAI - 600 058, INDIA www.dynamicmotorsindia.com research@dynamicmotorsindia.com		SPECIFICATION DB150 (STD) DRG NO - DB150-201	
		REVISION R2	SHEET 1 of 1