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DEVIATION ON UNTOLERANCED DIMENSIONS IS:2102

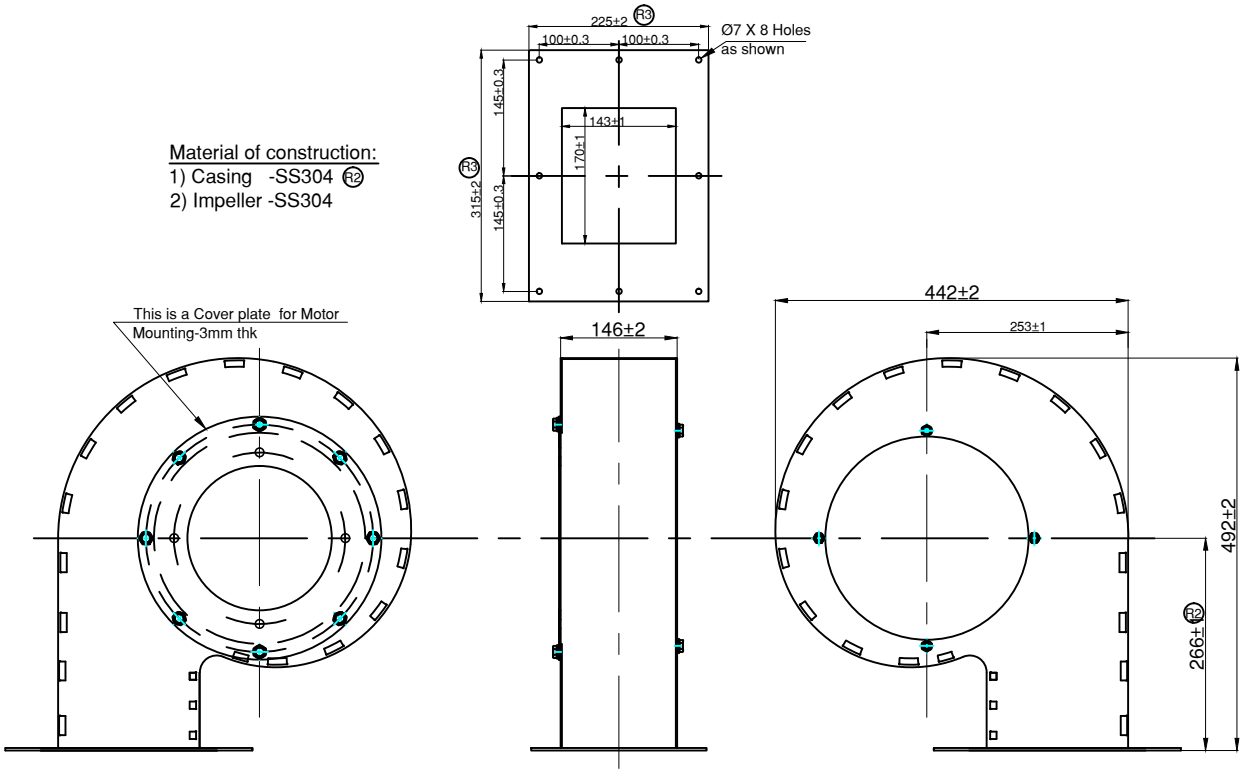
DIMENSION	OVER	0.5	3	6	30	120	400	1000	2000
	UP TO & INCL.	3	6	30	120	400	1000	2000	4000
MACHINE TOLERANCE		±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
FABRICATION TOLERANCE		±0.2	±0.3	±0.5	±0.3	±1.2	±2	±3	±4

SURFACE FINISH SYMBOLS

ROUGHNESS SYMBOL	CYL.GRINDING	SUR.GRINDING	MACHINING	ROUGH MACHINING
	CG	SG	M	RM
ROUGHNESS VALUES Ra µm	0.8	0.8	3.2 / 6.3	25

ISSUE	DESCRIPTION	DATE	SIG
R1	Flange outer and CRS dimension changed	28.06.10	A.S
R2	Casing Centre Height 266 was 203,casing Material SS304 was CRCA	30.06.10	A.S
R3	Flange outer dimension 315 was 310,225 was 220	16.08.10	A.S
R4	3700 m³/Hr was 3300m³/Hr ,180mmwc was 200mmwc	23.05.11	A.S

Material of construction:
1) Casing -SS304 (R2)
2) Impeller -SS304



Model	Maximum Air Vol m³/Hr ±10%	Maximum Working Pressure pascal	Recommended Motor Output Kw/Hp	Speed RPM	Noise Level db A
CB250T2-01 L	3700(2150 Cfm) (R4)	1760(180mmwc) (R4)	3.7/ 5	2800	80

The Impeller is Balanced to Grade 6.3 -ISO 1940
Casing is cleated type and is not of welded type

Note:
*Air Output And Pressure data are provided for Reference Only
*Air output - Conversion to cfm: multiply "m³/hr"by 0.59
*Static Pressure - Conversion to pascal: multiply "mmwc" by 9.81

Motor:
* The Supply of Motor is not in our scope of supply
* Design is suitable for motors with the following Specification
1) Frame Size -100L
2)Flange and Foot Mounted
3) Flange Fixing PCD 215 x Dia 15 x 4Holes

* Vibration Limited to 2.8mm/sec rms,as per ISOStandard14694-2003,Table4,BV3,Measured at Motor Bearing

DIM IN ( ) IS FOR REFERENCE ONLY	DEVATION ON UNTOLERANCED DIMENSION ARE TO BE AS PER IS:2101-MEDIUM CLASS				
ALL DIMENSIONS ARE IN MM	FILE NAME : Specification CB250T2-01-L.dwg			SCALE - NTS	FIRST ANGLE PROJ
DESIGNED BY	CHECKED BY A.S	APPROVED BY A.S	DATE:	ISSUED DATE	

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SPECIFICATION CB250T2-01-L

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