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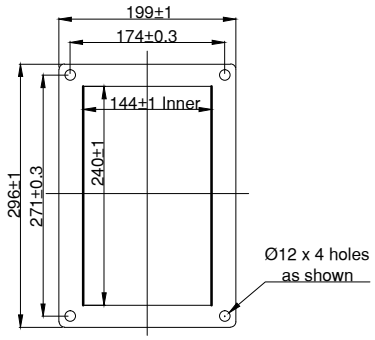
DEVIATION ON UNTOLERANCED DIMENSIONS IS:2102

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	±0.8	±1.2	±2	±3	±4

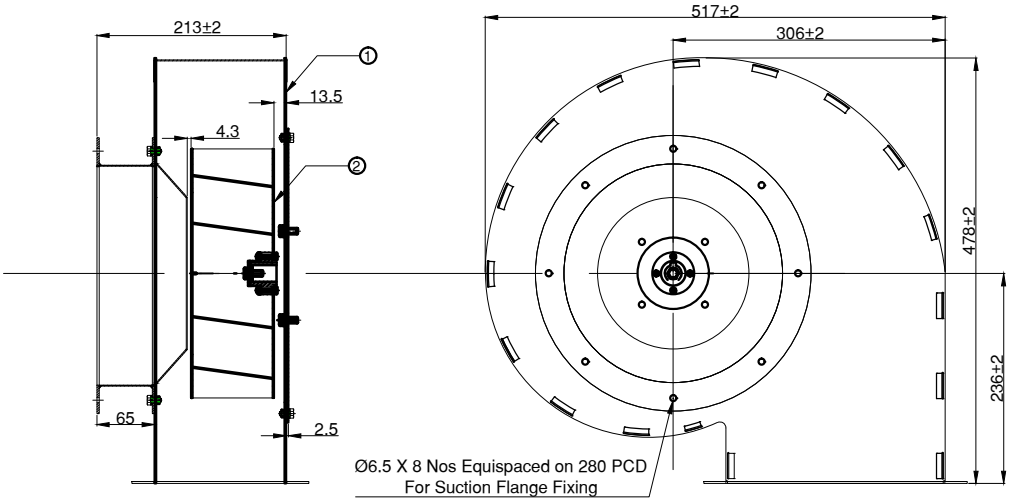
SURFACE FINISH SYMBOLS

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	Material Grade for fasteners detail and MOC of blower details added as per customer requirement	08.08.20	SSK



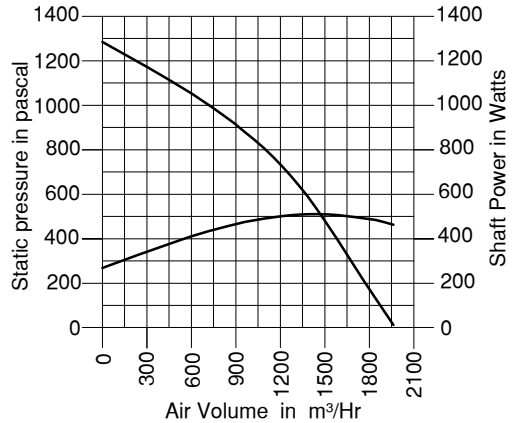
View shows Flange only



Performance Data

Model	Supply	(max) Air output m³/Hr @(min) Static Pressure Pascal	(min) Air output m³/Hr @(max) Static Pressure Pascal	Shaft Power Watt ±10%	Current A ±10%	Speed RPM ±5%	Max Ambient Temp / Inlet Air Temp (°C)
RC280T2-01-90CW	415V, 50Hz, 3Ø	1872 @ 100	708 @ 1000	505	1	2904	50

Performance Graph



Motor: Supply is not in our scope.
Recommended Motor: 0.75 KW, 415V, 50 Hz, 3Ø, 2 pole
Motor Mounting: Flange (Face) mounting, Spigot: Ø80, 4 Nos X M6X8.5 on 100 PCD.
All Fasteners are of Grade 8.8, Zinc Yellow Plated (R1)
Scope Of Supply:

Sl.No	Description	Drg.No	Qty
1	Casing Assembly RC280T2-01-90CW	RC280-548	1 No
2	Impeller Assembly RC280T2-01-90CW	RC280-546	1 No

Material of Construction: CRCA Steel Sheet (R1)

Dynamic Balancing: Impeller is dynamially balanced to grade 6.3 as per ISO 1940.
*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 mmwc: divide "pascal" by 9.81

SURFACE PROTECTION DETAILS	
TYPE OF PROCESS	NA
SPECIFICATION	NA
COATING AREA	NA
FINISH	NA
PATTERN	NA
DRY FILM THICKNESS	NA

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 RC280T2-01-90CW.dwg | SCALE - NTS | FIRST ANGLE PROJ

DESIGNED BY | CHECKED BY: SSK | APPROVED BY: SSK | DATE: | ISSUED DATE: 15.11.19

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Creating Air Currents

SPECIFICATION RC280T2-01-90CW

DRG NO -RC280-208 | REVISION: R1 | SHEET: 1 of 1

Last accessed: Location: \\Dmipl-data\r&d\Drawings\Engineering\Blower RC280T2\RC280T2-90\Specification RC280T2-01-90CW.dwg