Centrifugal fans

C E

DUMECH
VENTILATION EQUIPMENTS MANUFACTURING CO. LLC

DATA SHEET

MODEL : D-ARD-BC-3.0-1728/5000-550

DESCRIPTION	UNIT	VALUE
Flow Rate	(CFM / LPS)	5000 / 2359
ESP	(Pa)	550
Working Temp.	(Deg.Cel)	50
Motor Rating	(HP / kW)	4.0 / 3.0
Pole		4 P
Volt/Phase		400V /3 Ph
Frequency	(Hz)	60
Operating Speed	(Rpm)	1728
Motor Make, Origin		PYTHON
Blade		Backward Curved
BHP (NTP)	(HP / kW)	3.21 / 2.40
dB(A)	(dB)	81.36
Drive		Direct Driven
Protection		IP 55
Insulation	Class	F
Efficiency		IE3
Vibration Amplitude (Normal)	(mil)	1.66

Material Specs:

Casing & Blades (Thk)	3 mm.
Casing (MOC)	Mild Steel
Impellor (MOC)	Mild Steel
Coating	Powder Coated (RAL 7035)
Total Weight (Kgs)	138

Included Accessories:

Drain plug, Inspection door, Motor Cover.

Optional Accessories:

VFD, Volume control damper, Sound attenuator, Bird mesh, Motorized damper, Ex. Motors

Warranty:

Dumech warrants this equipment from material defect and workmanship for a period of one year from the delivery date or shipment date. Any parts proven to be defective in this span of time will be replaced at our cost.
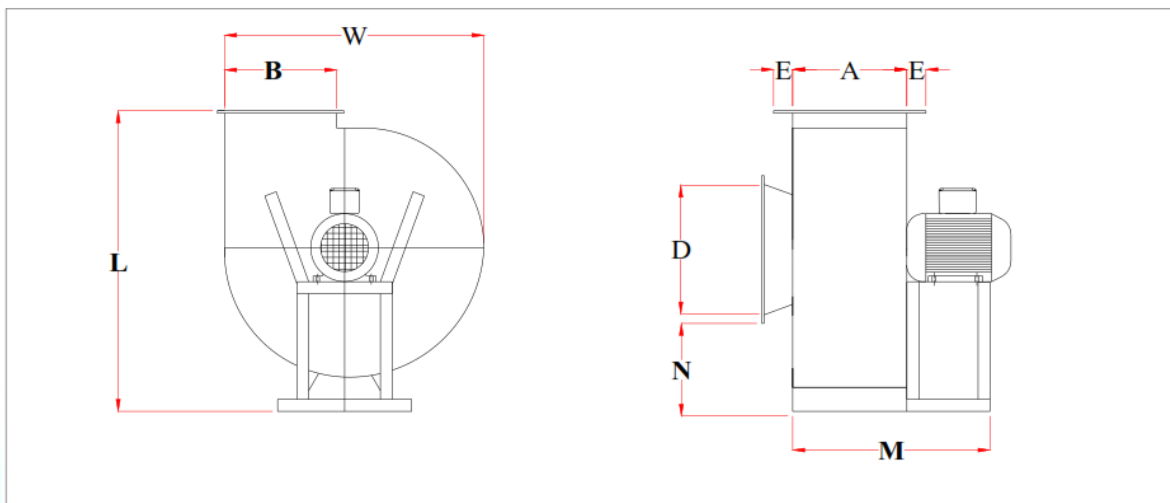
Motors equipped with our units are warranted by the motor manufacturer for a period of one year. Replacement or Re-conditioning of motors shall be done based on availability of stock at our cost (with in the warranty period).

Application:

1. Ventilation System.
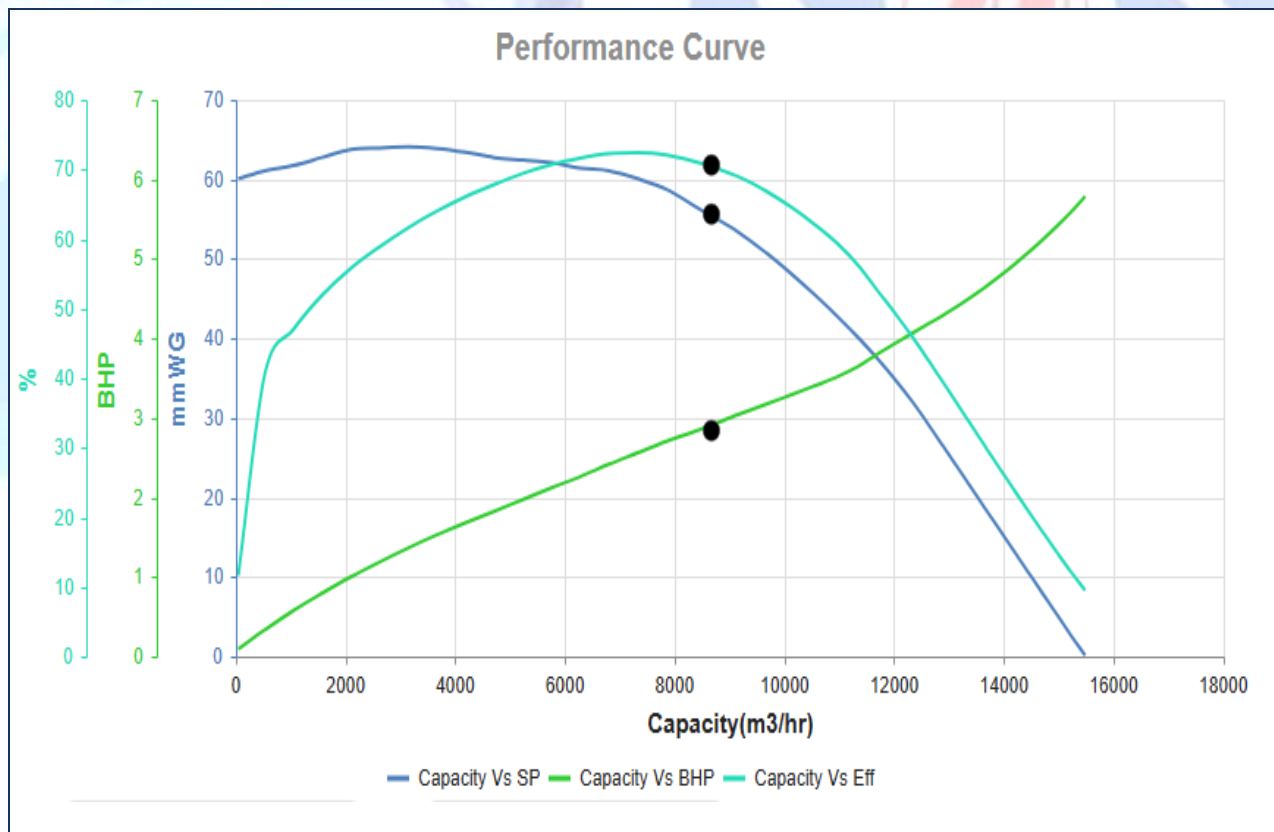
2. Fume extraction system.

Discharge Positions:

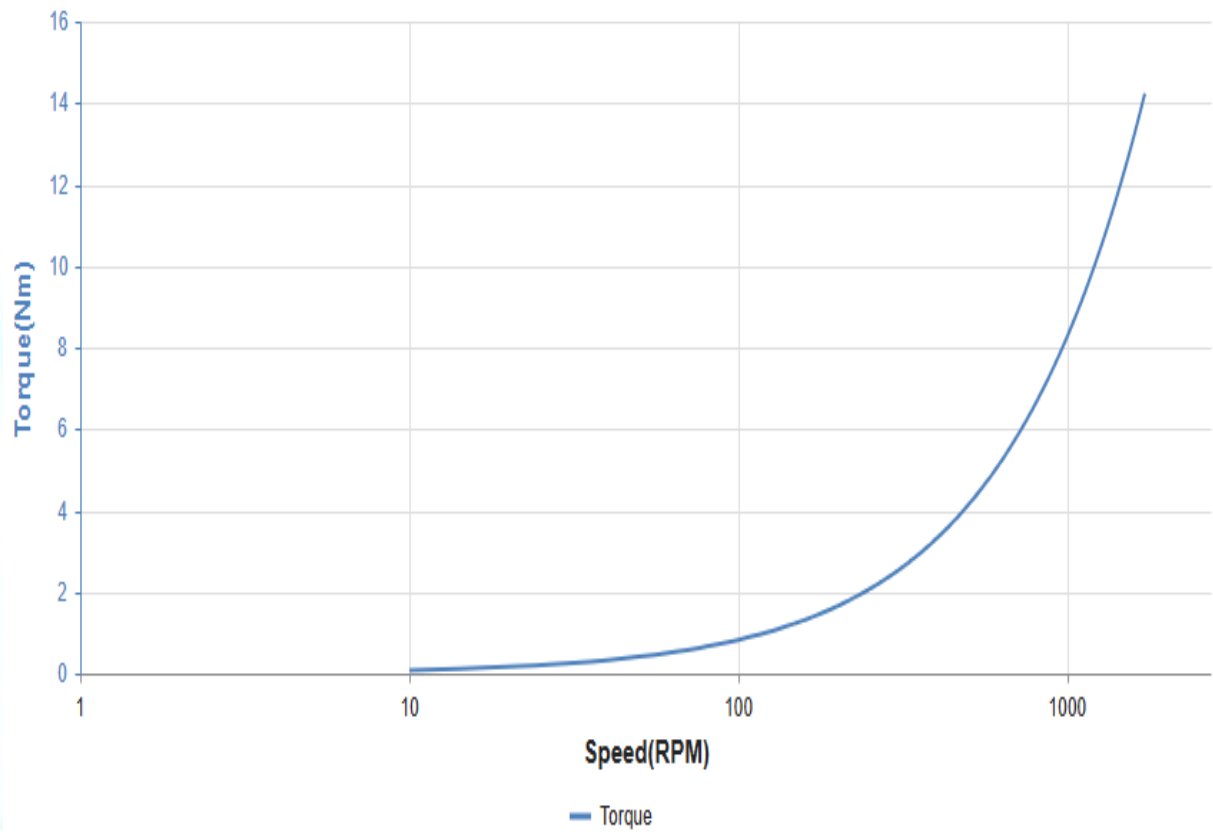*All Drawings are subjected to change without prior notice.

Overall fan dimensions:

A	E	B	W	L	D	N	M
310	50	520	850	894	460	284	636

Performance curve:

Speed Torque Curve

Torque(Nm) vs Speed(RPM)

— Torque

We Drive air in your way!

DUMECH
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DUMECH
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BRANCH

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CE EUROPEAN

CE COMPLIANCE