

## Centrifugal fans



CE



**DATA SHEET****MODEL : D-ARD-BC-7.5-1728/9000-900**

DESCRIPTION	UNIT	VALUE
Flow Rate	(CFM / LPS)	9000 / 4247
ESP	(Pa)	900
Working Temp.	(Deg.Cel)	50
Motor Rating	(HP / kW)	10.0 / 7.5
Pole		2 P
Volt/Phase		400V / 3 Ph
Frequency	(Hz)	60
Operating Speed	(Rpm)	1728
Motor Make, Origin		PYTHON
Blade		Backward Curved
BHP (NTP)	(HP / kW)	10.03 / 7.52
dB(A)	(dB)	85.73
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)	220

### **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.*

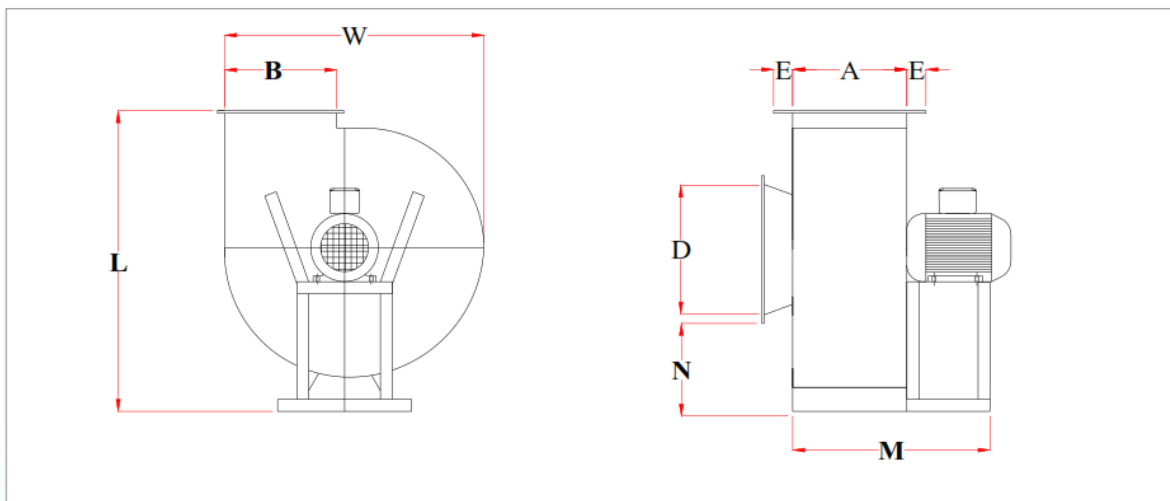
*Motors equipped with our units are warranted by the motor manufacturer for a period of one year. Replacement or Re-conditioning of motors shall be done based on availability of stock at our cost (with in the warranty period).*

### **Application:**

1. Ventilation System.
2. Fume extraction system.

### **Discharge Positions:**



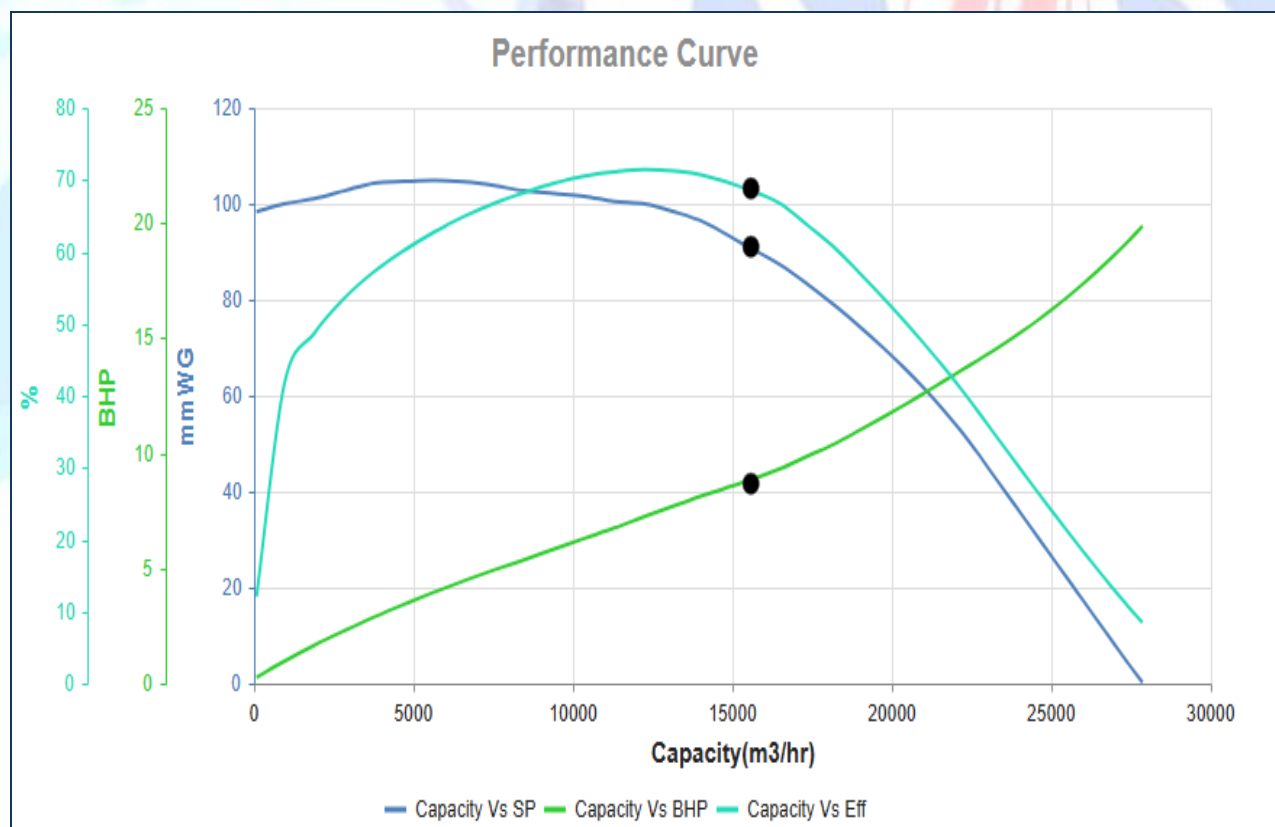


\*All Drawings are subjected to change without prior notice.

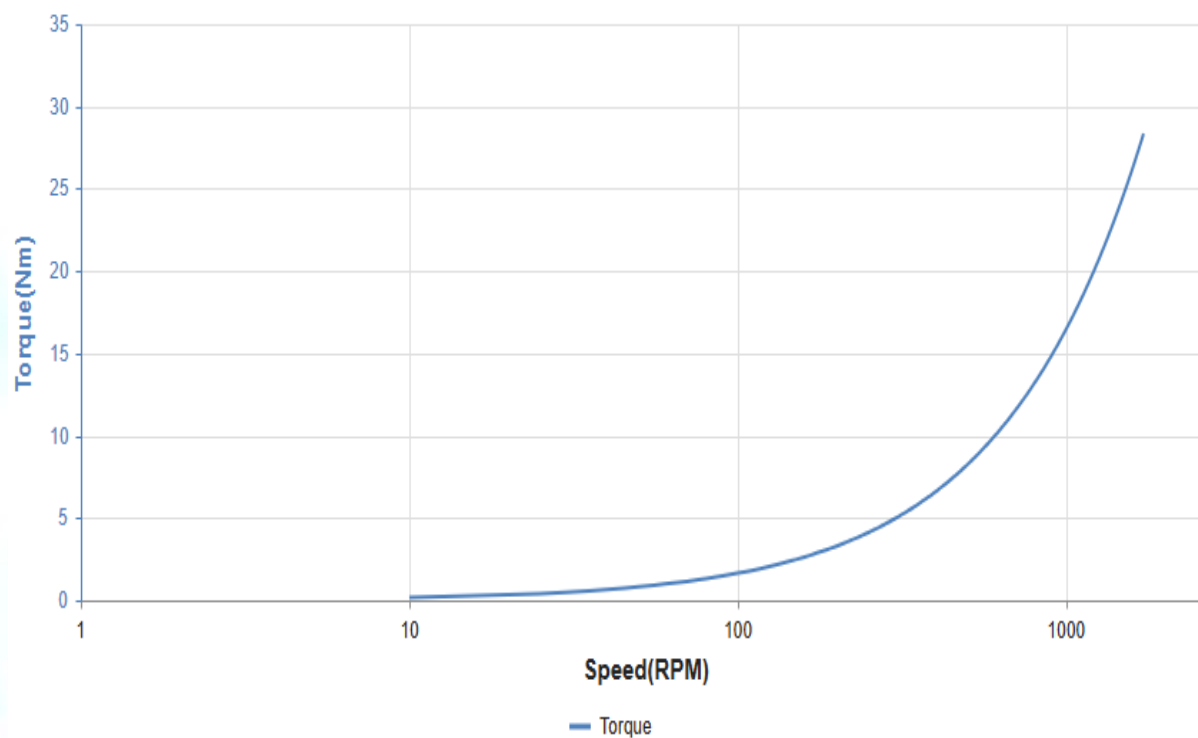
### Overall fan dimensions:

A	E	B	W	L	D	N	M
350	50	620	1290	1275	570	438	770

### Performance curve:



## Speed Torque Curve



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