

EC High-efficiency Backward Curved Centrifugal Fan

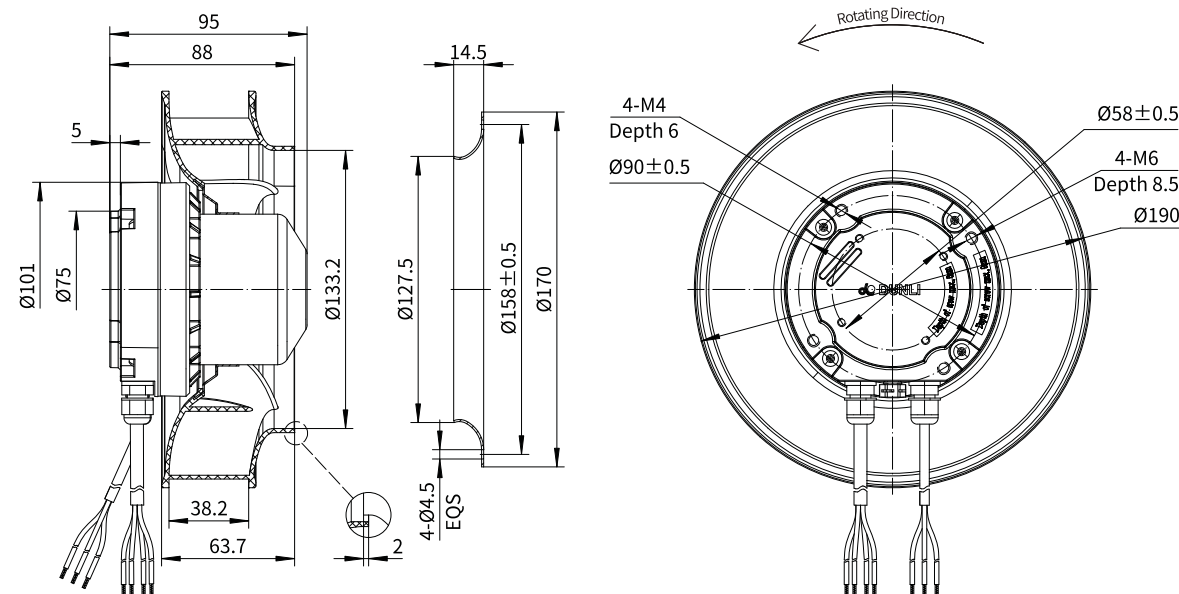
Erp2015
EXCEEDS THE NORM



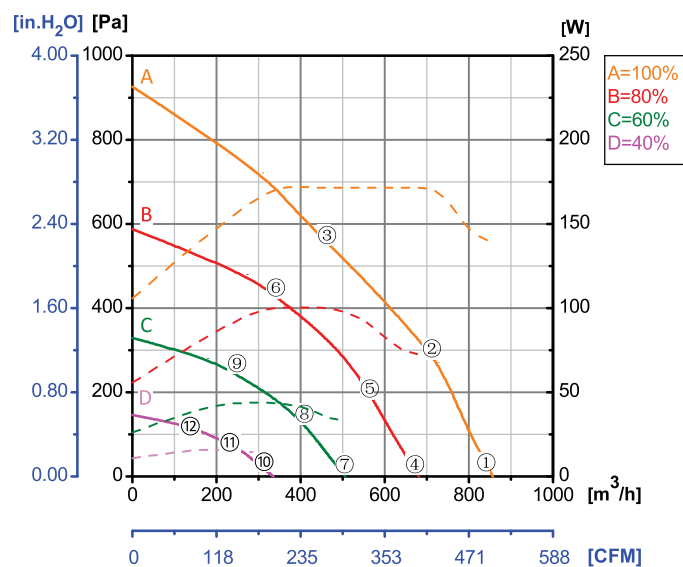
Φ 190

Rotor Material: Carbon steel
Impeller Material: Plastic
Ingress Protection: IP54
Insulation Class: F
Bearing Type: Maintenance free ball bearing

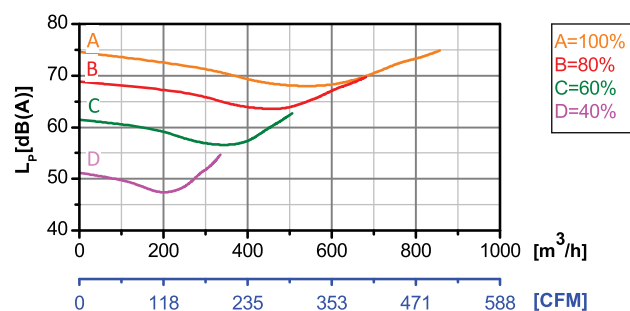
Motorized Backward Curved Impeller



Performance Curves

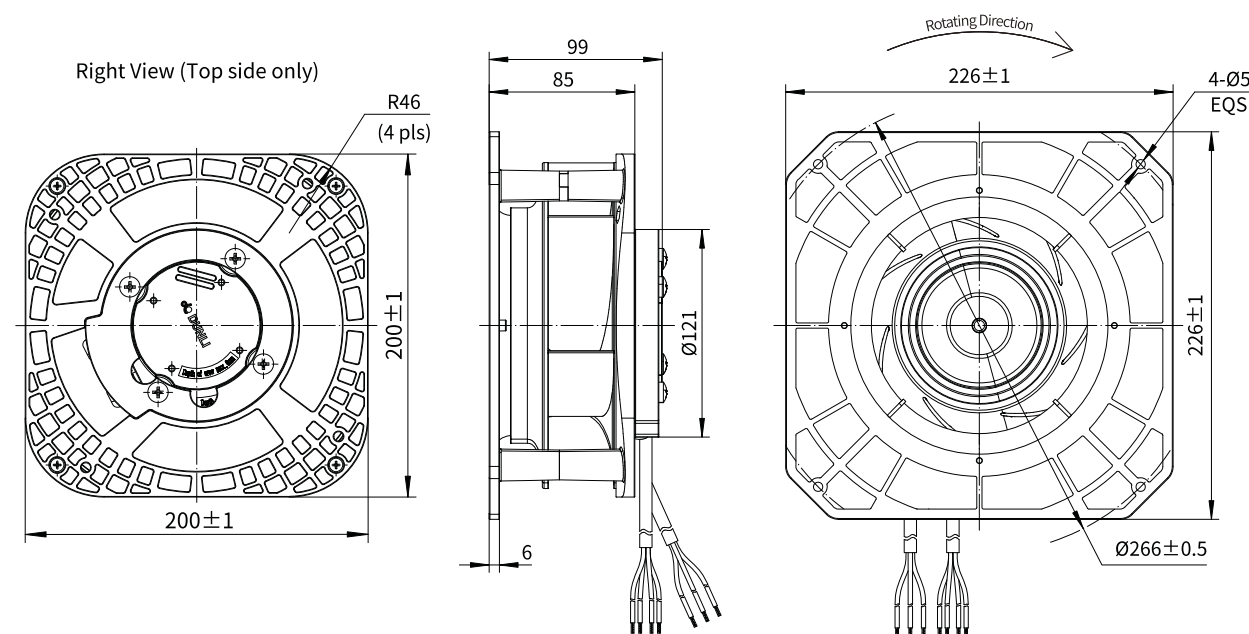


Test Point	Speed	Input Power
	rpm	W
1	4503	139
2	4499	171
3	4267	171
4	3603	72
5	3604	88
6	3602	100
7	2703	33
8	2703	41
9	2702	44
10	1802	13
11	1806	14
12	1806	16



Erp2015 Data:
Efficiency η_{statA}=47.8%
Efficiency grade N_{actual}=66.3, N_{target}=62
Test report No. : L-20210810-007-001

With Supporting Rack



Model No.	Voltage	Frequency	Speed	Input Power	Current	Working Temp.	APProvals
	VAC	Hz	RPM	W	A	Min/Max (°C)	
EC72-B190-B35	1~220/230	50/60	4400	160	1.20	-20/+60	CCC,CE