

DC High-efficiency Backward Curved Centrifugal Fan

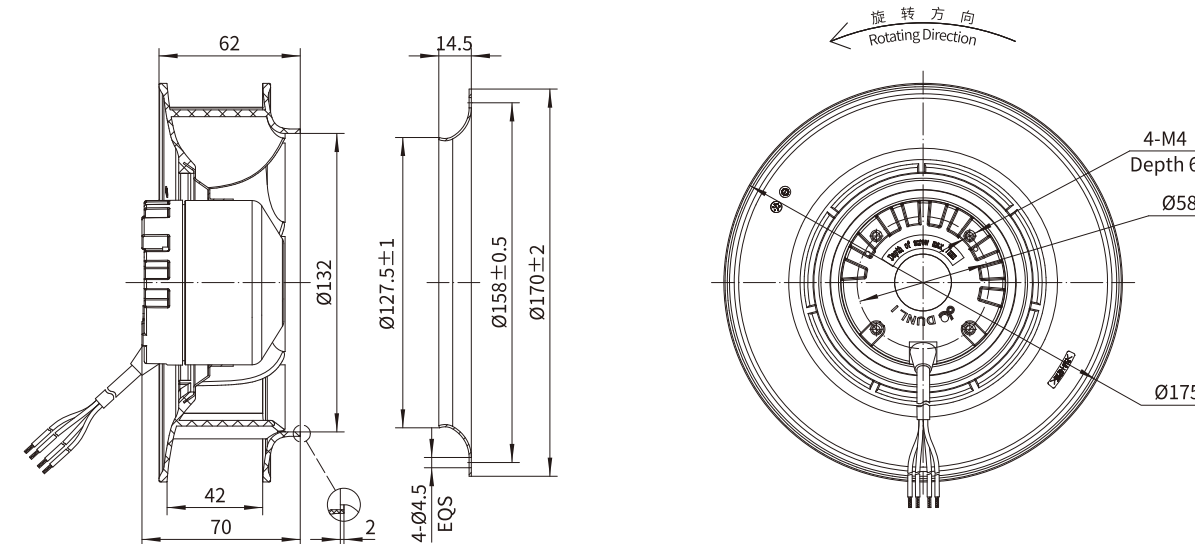
Erp2015
EXCEEDS THE NORM

Motorized Backward Curved Impeller (24V & 48V)

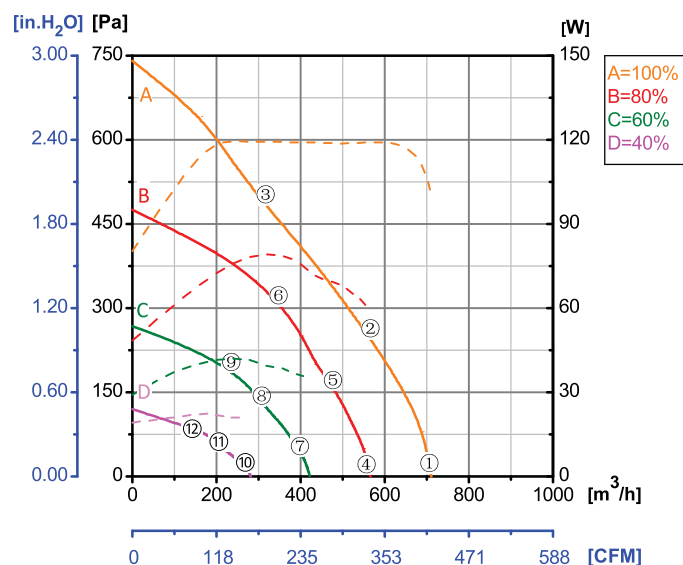


Φ 175

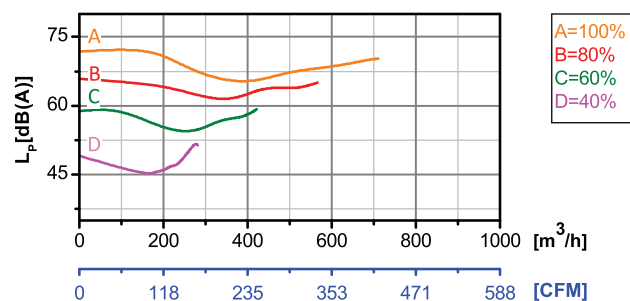
Rotor Material: Carbon steel
Impeller Material: Plastic
Ingress Protection: IP42
Insulation Class: F
Bearing Type: Maintenance free ball bearing



Performance Curves

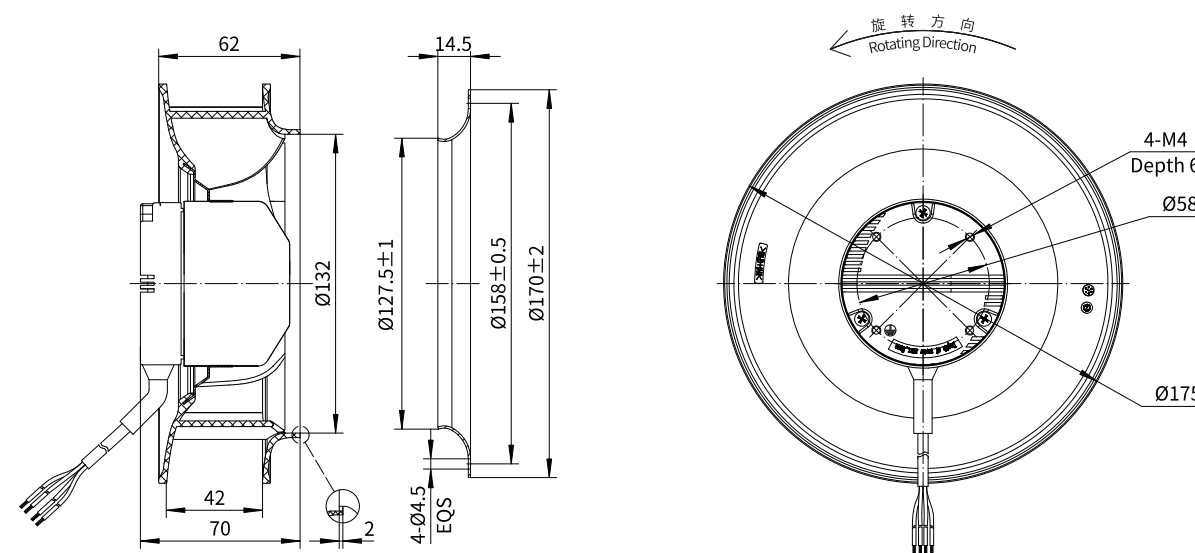


Test Point	Speed	Input Power
	rpm	W
1	4494	100
2	4300	119
3	4144	119
4	3595	57
5	3592	70
6	3593	79
7	2692	33
8	2692	39
9	2694	42
10	1799	20
11	1798	21
12	1798	22



Erp2015 Data:
Efficiency $\eta_{statA} = \% < 125W$
Efficiency grade $N_{actual} = *, N_{target} = 62$
Test report NO.: L-20210302-005-106

Motorized Backward Curved Impeller (310V)



Model No.	Voltage	Frequency	Speed	Input Power	Current	Working Temp.	Approvals
	VAC	Hz	RPM	W	A	Min/Max (°C)	
DC72-B175-A01	24	/	4500	110	4.58	-20/+60	CE
DC72-B175-C01	48	/	4500	110	2.29	-20/+60	CCC,CE
DC72-B175-D10	310	/	4500	110	0.36	-20/+60	CCC,CE