



## Backward Curved Centrifugal Fan with Aileron Impeller



### Φ 225

Rotor Material: Aluminum Die-casting

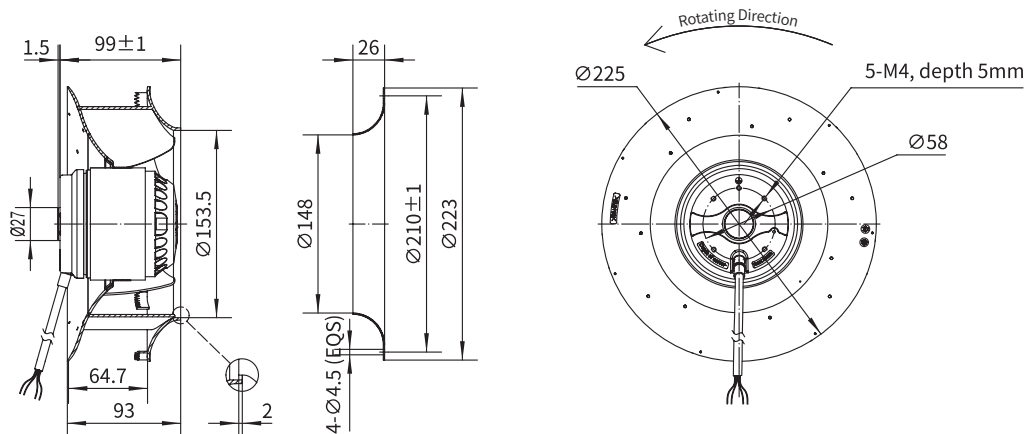
Impeller Material: Plastic

Ingress Protection: IP44

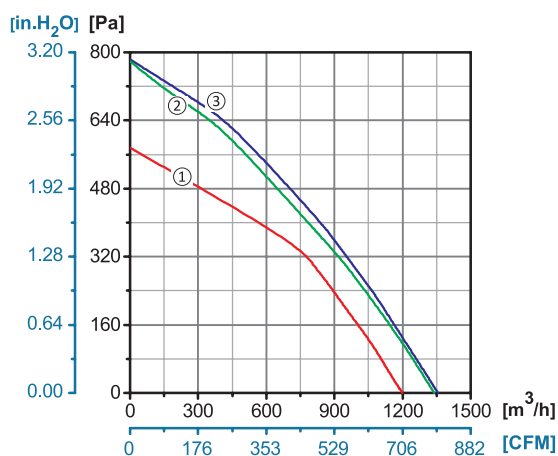
Insulation Class: F

Bearing Type: Maintenance Free Ball Bearing

### Dimensional Drawings



### Performance Curves



| Model No.           | Voltage | Frequency | Current | Power | Speed | Capacitor | Air Flow (0 Pa)           | Noise | Curve | Working Temp. | Approvals |
|---------------------|---------|-----------|---------|-------|-------|-----------|---------------------------|-------|-------|---------------|-----------|
|                     | V       | Hz        | A       | W     | RPM   | μF        | [m <sup>3</sup> /h]/[CFM] | dB(A) | No.   | Min/Max (°C)  |           |
| YWF.B2S-225-089AB2A | 110/120 | 60        | 1.91    | 196   | 2880  | 28        | 1340/788                  | 79    | ②     | -30/+60       |           |
| YWF.B2S-225-089AB20 | 220/230 | 50        | 0.62    | 136   | 2780  | 7         | 1200/630                  | 76    | ①     | -30/+60       | CCC, CE   |
|                     | 220/230 | 60        | 0.99    | 202   | 3180  | 7         | 1360/800                  | 80    | ③     | -30/+60       | CE        |



## Backward Curved Centrifugal Fan with Aileron Impeller



### Φ 250

Rotor Material: Aluminum Die-casting

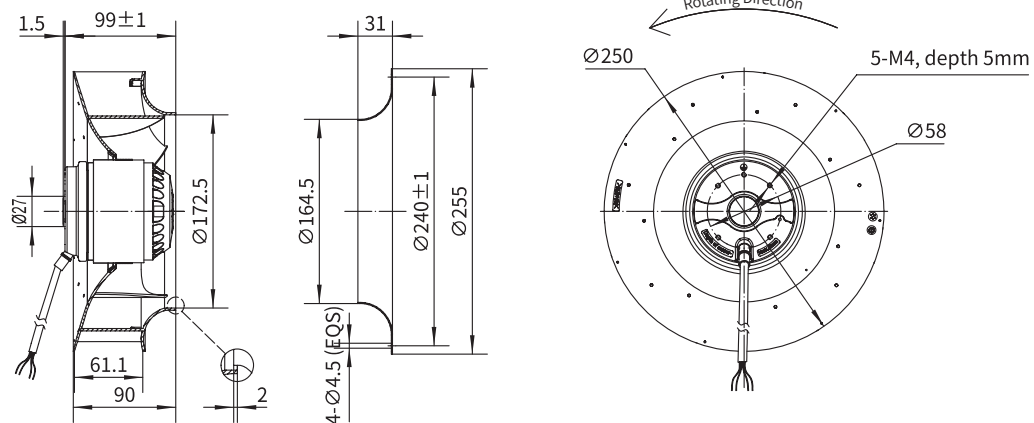
Impeller Material: Plastic

Ingress Protection: IP44

Insulation Class: F

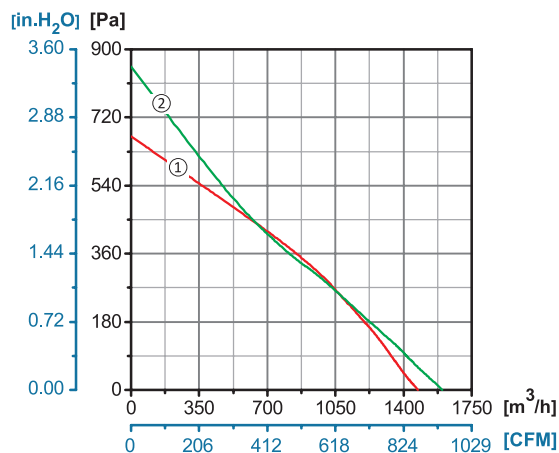
Bearing Type: Maintenance Free Ball Bearing

### Dimensional Drawings



Aileron Impeller Centrifugal

### Performance Curves



| Model No.           | Voltage | Frequency | Current | Power | Speed | Capacitor | Air Flow (0 Pa) | Noise | Curve | Working Temp. | Approvals |
|---------------------|---------|-----------|---------|-------|-------|-----------|-----------------|-------|-------|---------------|-----------|
|                     | V       | Hz        | A       | W     | RPM   | μF        | [m³/h]/[CFM]    | dB(A) | No.   | Min/Max (°C)  |           |
| YWF.B2S-250-090AB2A | 110/120 | 60        | 2.1     | 229   | 2840  | 28        | 1600/920        | 82    | ②     | -30/+60       |           |
| YWF.B2S-250-090AB20 | 220/230 | 50        | 0.75    | 160   | 2600  | 7         | 1475/850        | 79    | ①     | -30/+60       | CCC, CE   |
|                     | 220/230 | 60        | 1.10    | 230   | 2780  | 7         | 1600/920        | 82    | ②     | -30/+60       | CE        |