



## Backward Curved Centrifugal Fan with Conventional Plastic Impeller



### Φ 220

Rotor Material: Aluminum Die-casting

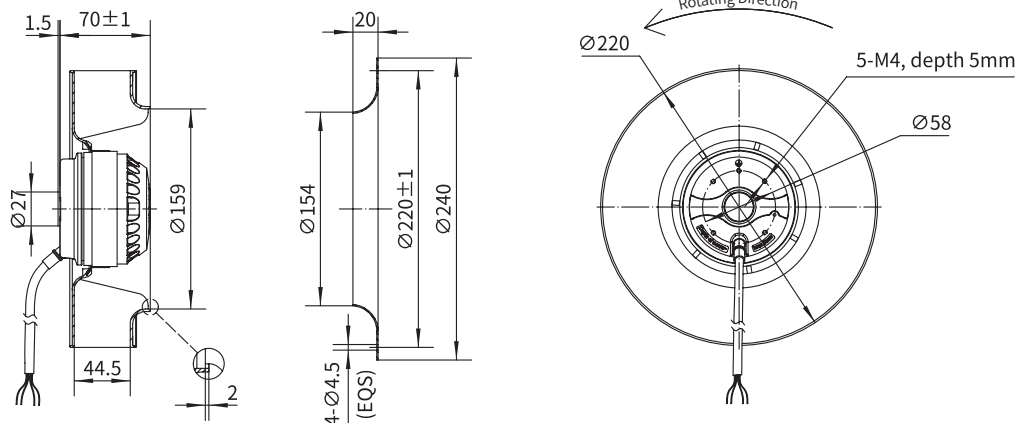
Impeller Material: Plastic

Ingress Protection: IP44

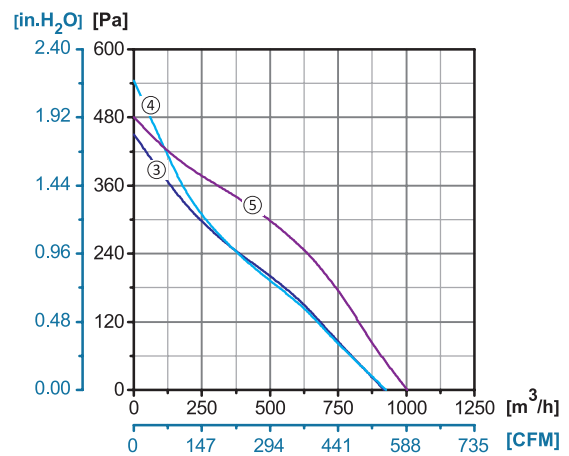
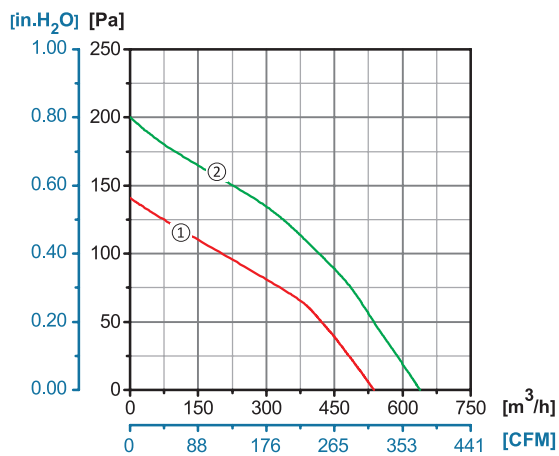
Insulation Class: F

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-220-065AB2A | 110/120 | 60        | 0.94    | 110   | 2540  | 10        | 910/535                   | 72    | ③     | -30/+60       |           |
| YWF.B2S-220-065AB20 | 220/230 | 50        | 0.37    | 80    | 2410  | 3         | 910/535                   | 70    | ③     | -30/+60       | CCC, CE   |
|                     | 220/230 | 60        | 0.49    | 105   | 2475  | 3         | 920/540                   | 71    | ④     | -30/+60       | CE        |
| YWF.B4S-220-065AB20 | 220/230 | 50        | 0.26    | 43    | 1440  | 1.5       | 530/311                   | 60    | ①     | -30/+60       | CCC, CE   |
|                     | 220/230 | 60        | 0.19    | 41    | 1730  | 1.5       | 630/370                   | 62    | ②     | -30/+60       | CE        |
| YWF.B2T-220-065AB00 | 380/400 | 50        | 0.23    | 90    | 2660  | /         | 1000/585                  | 73    | ⑤     | -30/+60       | CCC, CE   |



## Backward Curved Centrifugal Fan with Conventional Plastic Impeller



### Φ 225

Rotor Material: Aluminum Die-casting

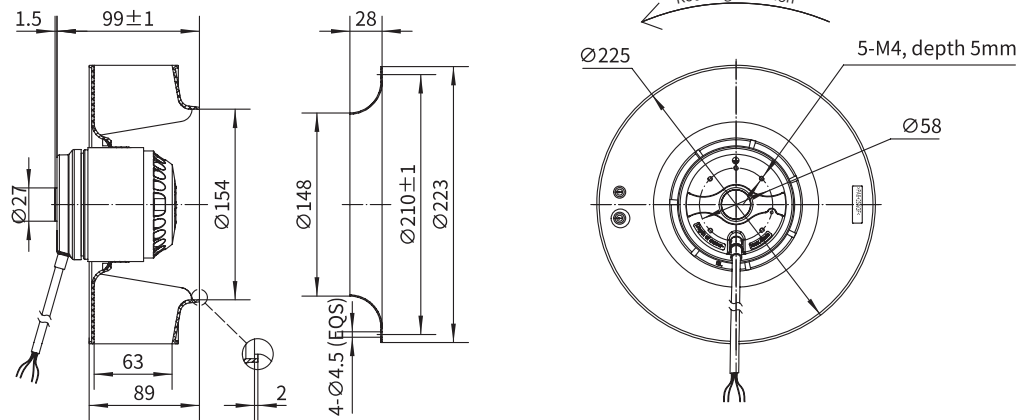
Impeller Material: Plastic

Ingress Protection: IP44

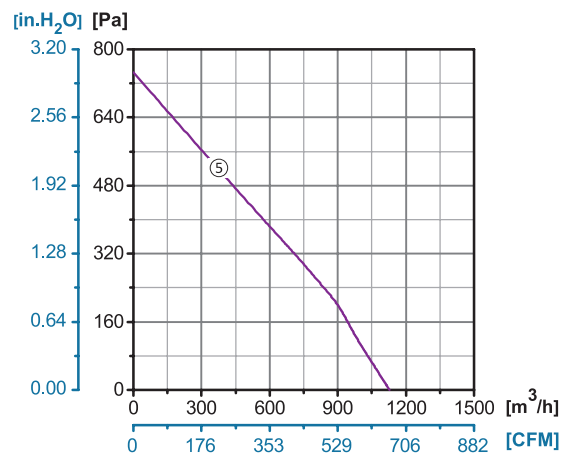
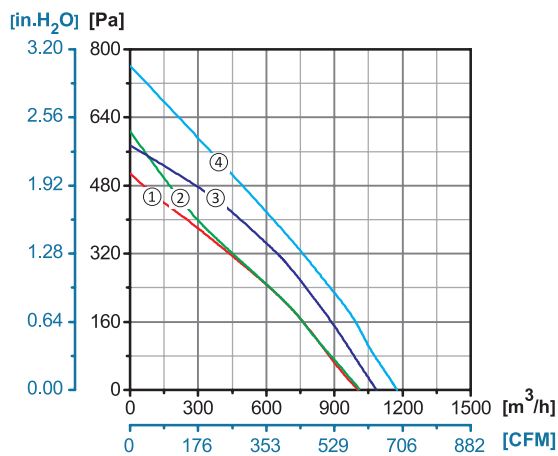
Insulation Class: F

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        | [m³/h]/[CFM]    | dB(A) | No.   | Min/Max (°C)  |           |
| YWF.B2S-225-089AB2B | 110/120 | 60        | 2.07    | 230   | 2880  | 28        | 1130/664        | 80    | ⑤     | -30/+60       |           |
| YWF.B2S-225-089AB21 | 220/230 | 50        | 0.66    | 145   | 2465  | 6         | 1085/638        | 76    | ③     | -30/+60       | CCC, CE   |
|                     | 220/230 | 60        | 0.96    | 205   | 2890  | 6         | 1175/691        | 78    | ④     | -30/+60       | CE        |
| YWF.B2T-225-089AB20 | 380/400 | 50        | 0.20    | 115   | 2390  | /         | 1005/591        | 71    | ①     | -30/+60       | CCC, CE   |
|                     | 380/400 | 60        | 0.26    | 156   | 2460  | /         | 1010/594        | 72    | ②     | -30/+60       | CE        |