# 东莞市贝斯特电机有限公司

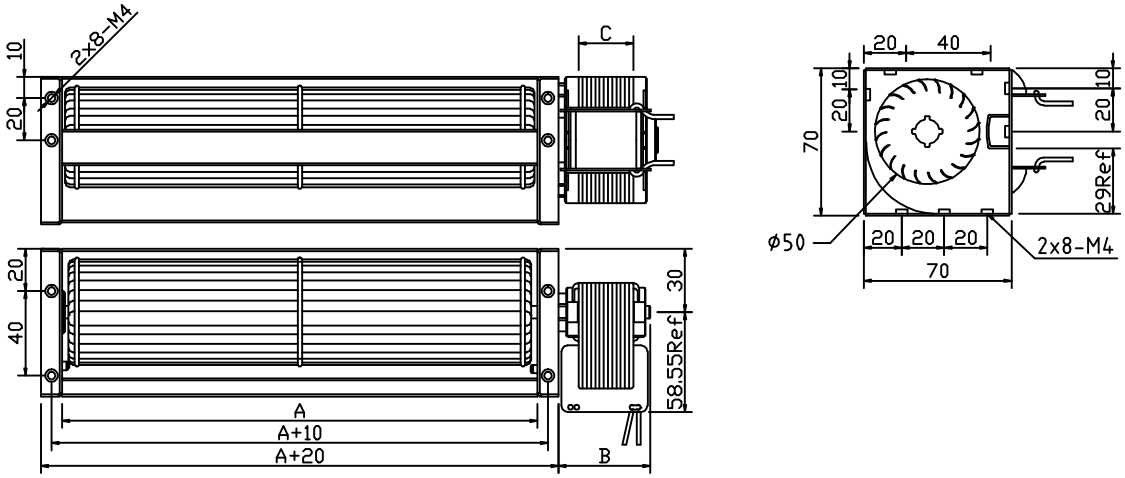
## BTF50 Series Crossflow Blowers

### Brief Introductions:

Wheel: Aluminum Alloy
Housing: Galvanized Sheet or E-Coating
Motor Type: Shaded Pole Motors BTF63 Series(can be others)
Bearing: Ball Bearing or Bronze Sleeve
Power Supply: 100-240VAC As Request

Insulation System: Class E,B,F or H As Request
Operating Temperature: -10°C To+50°C
Overheating Protection: T.P. or Z.P.
Electrical Connection: Flat-pin Terminal or Lead Wire
RoHS Compliance: As Needed

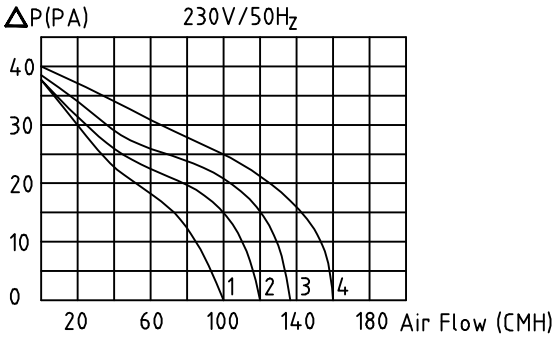
### Outline Dimensions (All dimensions in millimeters)

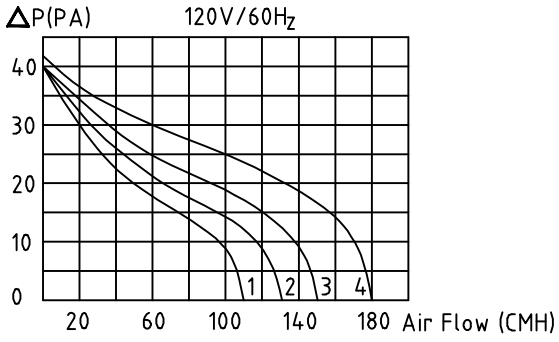



### Technical Performances (based on free air condicions)

| NO. | Specifications / Model | Power Supply | | Input Power | Output Speed | Max.Airflow | | Max.Static Pressure | | Noise Level | Dimensions | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Volts | Freq'y | | | Metric | American | Metric | American | | A | B | C |
| | | (VAC) | ($H_Z$) | (Watts) | (rpm) | ($m^3$/h) | (CFM) | (PA) | (in $H_2O$) | dB(A) | (mm) | | |
| 1. | BTF50200-SP6315 | 230 | 50 | 15 | 2000 | 100 | 59 | 37 | 0.1487 | 42 | 200 | 42 | 15 |
| | | 120 | 60 | 15 | 2200 | 110 | 65 | 40 | 0.1608 | 45 | | | |
| 2. | BTF50250-SP6320 | 230 | 50 | 22 | 2000 | 120 | 71 | 37 | 0.1487 | 43 | 250 | 47 | 20 |
| | | 120 | 60 | 22 | 2200 | 130 | 77 | 40 | 0.1608 | 45 | | | |
| 3. | BTF50300-SP6325 | 230 | 50 | 30 | 2000 | 135 | 80 | 38 | 0.1528 | 43 | 300 | 52 | 25 |
| | | 120 | 60 | 30 | 2200 | 150 | 89 | 40 | 0.1608 | 46 | | | |
| 4. | BTF50350-SP6330 | 230 | 50 | 38 | 2000 | 160 | 95 | 40 | 0.1608 | 43 | 350 | 57 | 30 |
| | | 120 | 60 | 38 | 2200 | 180 | 107 | 42 | 0.1688 | 47 | | | |

### Charecteristics Curve




×Function type is optional.
×The max. air flow and the speed are measured in free air ; max.air pressure is measured at zero air flow.
×Noise is measured in anechoic chamber in free air,one meter from intake side.
×All readings are typical values at rated voltage.
×Specifications are subject to change without notice.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