

Ø 190 MM, BACKWARD CURVED

AC CENTRIFUGAL FAN



Features

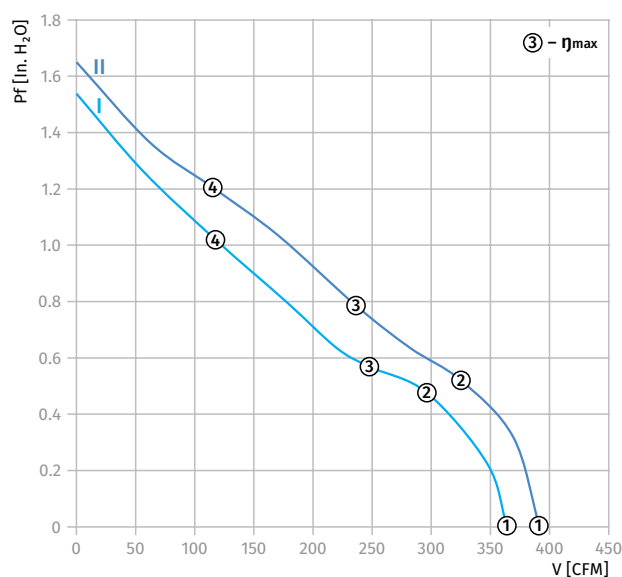
- **Materials:** Impeller – PA6+GF30
Inlet ring – PA6+GF30
Housing – sheet steel, painted grey
- **Direction of rotation:** clockwise, seen on rotor
- **Type of protection:** IP44
- **Insulation class:** B
- **Mode of operation:** continuous operation (S1)
- **Bearing:** ball bearings
- **Motor protection:** self-resetting TOP wired internally



Technical data

| Model | Perform. curve | Nominal voltage [VAC] | Frequency [Hz] | Speed [RPM] | Power input max [W] | Current max [A] | Sound pres. level [dB(A)] | Perm. amb. temp. [°C] | Capacitor / Capacitor voltage [µF] / [VDB] | Electrical connection | Inlet ring |
|--------------------|----------------|-----------------------|----------------|-------------|---------------------|-----------------|---------------------------|-----------------------|--|-----------------------|------------|
| *L-B190A-2C-A01-01 | I | 120 | 60 | 2750 | 70 | 0.6 | 62 | -25 ... +50 | 6/250 | Type "A"/p. 37 | p.36 |
| *L-B190A-2C-A02-01 | II | 120 | 60 | 2870 | 90 | 0.75 | 64 | -25 ... +50 | 8/250 | Type "A"/p. 37 | p.36 |

PERFORMANCE CURVES

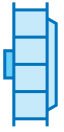


| Curve | Point | n [RPM] | Pi [W] | I [A] |
|-------|-------|---------|--------|-------|
| I | 1 | 2760 | 71.6 | 0.597 |
| | 2 | 2676 | 74.1 | 0.618 |
| | 3 | 2628 | 75.3 | 0.628 |
| | 4 | 2724 | 72.6 | 0.606 |
| II | 1 | 2976 | 86.6 | 0.728 |
| | 2 | 2892 | 87.9 | 0.739 |
| | 3 | 2832 | 91.3 | 0.765 |
| | 4 | 2940 | 85.6 | 0.720 |

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Overall Dimmensions

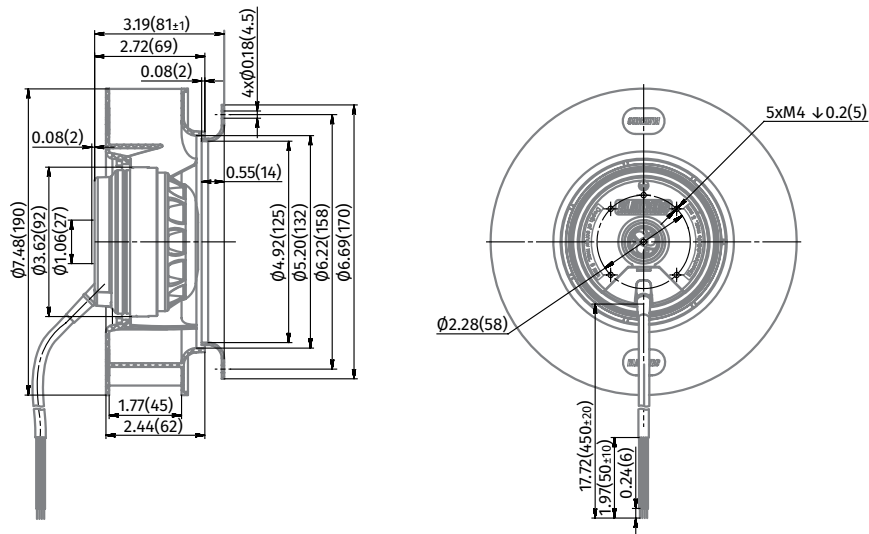


| Centrifugal Fan | Weight [kg] |
|--------------------|-------------|
| BL-B190A-2C-A01-01 | 1.31 |
| BL-B190A-2C-A02-01 | 1.34 |

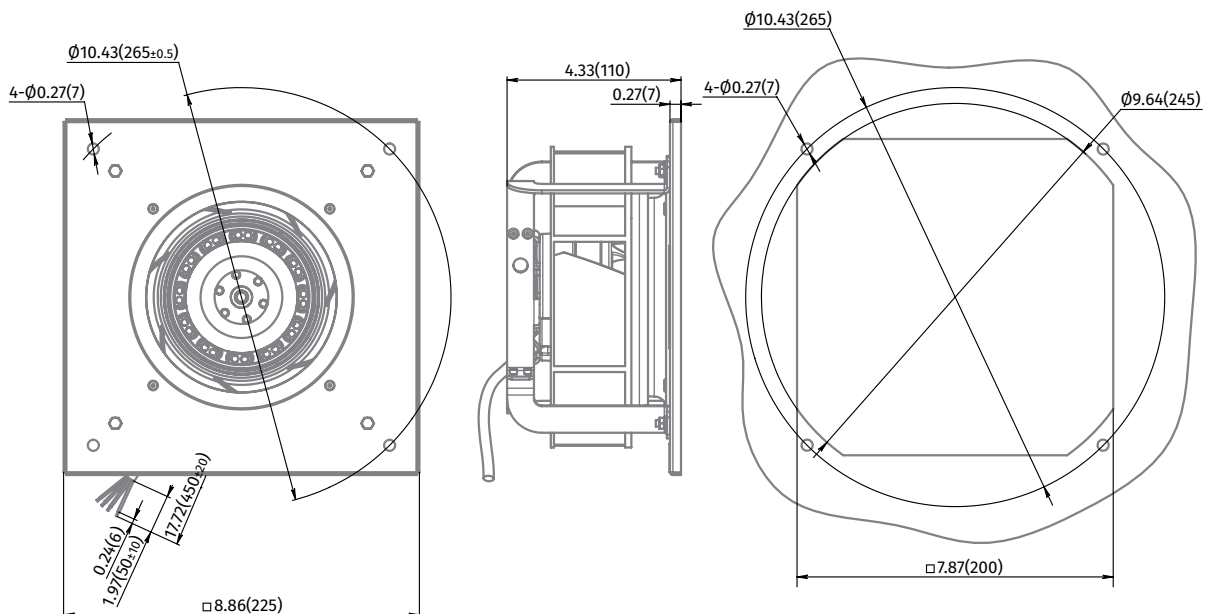


| Centrifugal Fan with Plug Fan | Weight [kg] |
|-------------------------------|-------------|
| GL-B190A-2C-A01-01 | 2.16 |
| GL-B190A-2C-A02-01 | 2.19 |

BL-B190A-2C-A01-01, BL-B190A-2C-A02-01



GL-B190A-2C-A01-01, GL-B190A-2C-A02-01



Ø 133

Ø 175

Ø 190

Ø 220

Ø 225

Ø 250

Ø 190

Ø 220

Ø 250