

BB 89 145 mm 2-Stage DC | 612 089

Blower ByPass Brushless

- » BLDC Blower / Electronically Commutated
- » Onboard drive control
- » Closed-Loop speed control
- » Aerodynamically optimized impeller and housing
- » Onboard calibration potentiometer
- » Robust aluminium housing and impeller



| Data | | 24 V | 48 V |
|--------------------------|------|-------|-------|
| Nominal voltage | VDC | 24 | 48 |
| Fan housing diameter | mm | 145 | 145 |
| Fan stages | n° | 2 | 2 |
| Max. airflow | m³/h | 170 | 150 |
| Max. pressure | kPa | 14.5 | 12.4 |
| Max. vacuum | kPa | 13.6 | 11.6 |
| Input power | W | 600 | 600 |
| Current | A | 20 | 9 |
| Max. speed | rpm | 17500 | 16500 |
| Weight | Kg | 2.7 | 2.7 |
| Standard Features | | | |
| Speed command input | VDC | 0-10 | 0-10 |
| Tach output | ppr | 2 | 2 |

Options

- A) Mechanical
- » Enhanced corrosion protection
 - » No inlet tube on working air
 - » Cooling air inlet tube
 - » Various mounting patterns

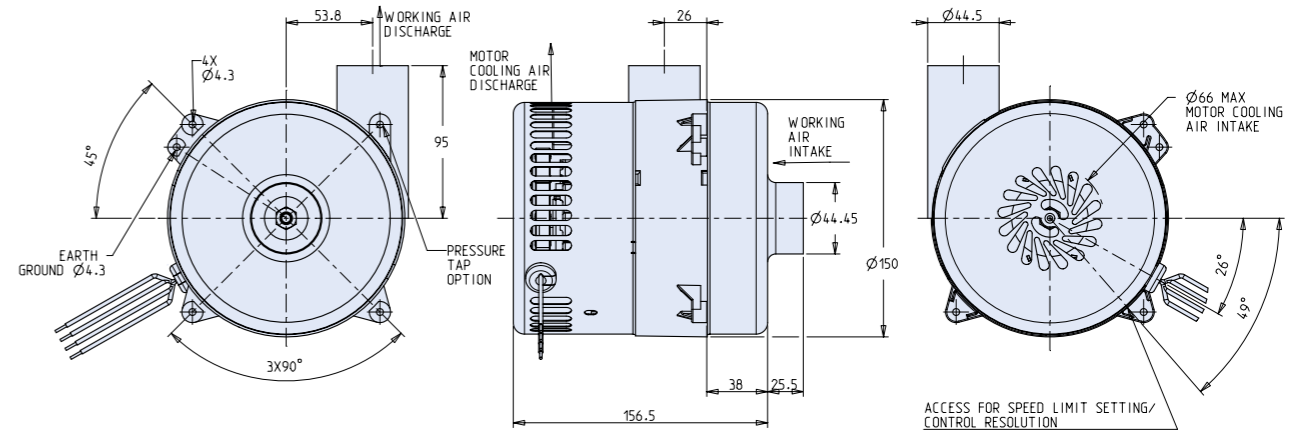
- B) Electrical / Software
- » No options available

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Dimensions in mm



Lead wires

| Colour | Function |
|----------|-------------------------|
| Red ● | VDC |
| Black ● | Common |
| Orange ● | Speed command / 0-10VDC |
| Blue ● | Tach output |

See page 51 for Mechanical Options

Characteristic diagram

