

# G3G 315

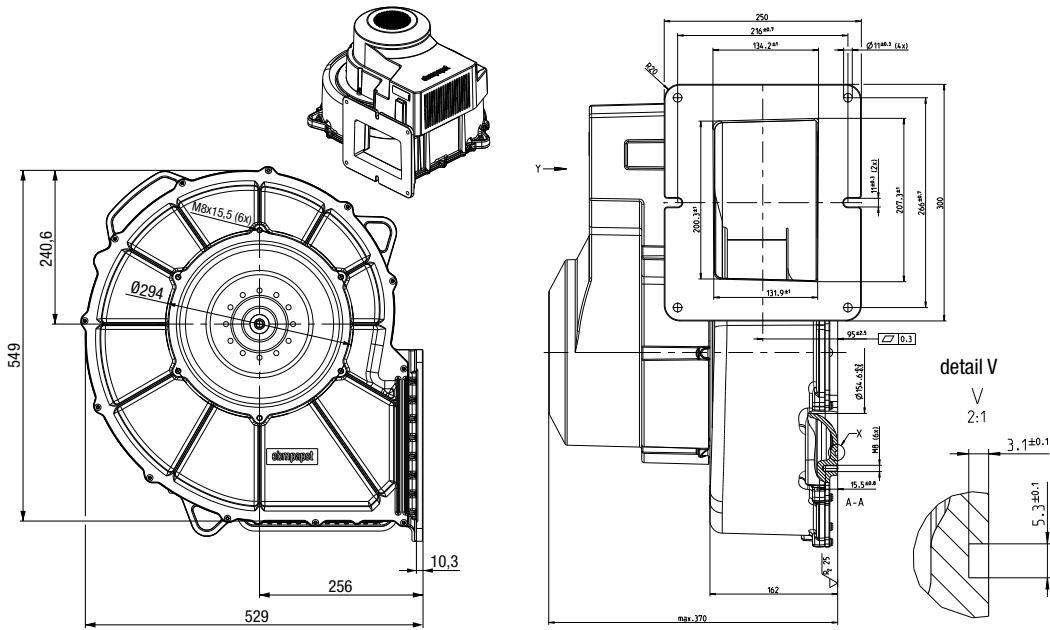
- **Material:** Housing: Die-cast aluminum  
Impeller: Sheet aluminum  
Rotor: Coated in black
- **For mains connector see operating instructions**



| Nominal data      |           |       |       |       |       |    |       |                   |    |    |             |
|-------------------|-----------|-------|-------|-------|-------|----|-------|-------------------|----|----|-------------|
| Typ               | V         | Hz    | m³/h  | cfm   | Pa    | wg | W     | min <sup>-1</sup> | °C | °C | Part number |
| G3G 315–M3G 150FF | 3~380-480 | 50/60 | 4,600 | 2,710 | 6,500 | 26 | 8,000 | 6,000             | 60 | 50 | 55600.07000 |

200–240 V version in development. Data sheets available upon request. Subject to change.

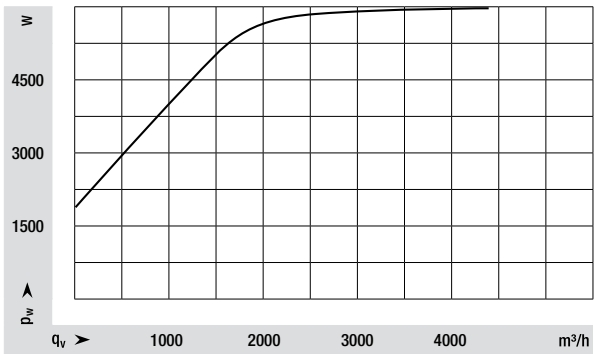
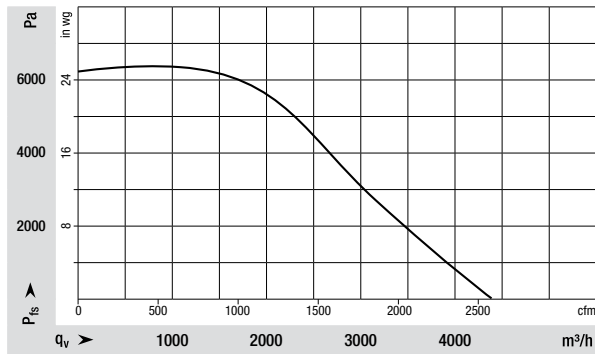
Dimensions in mm. Blower must be adequately supported.



## Integrated RS485 MOD-BUS RTU interface

This open standard has established itself as the standard for openloop control of actuators and sensors. With three data records per EC device, in addition to storing different configurations, it can also be used to implement backup functionality. The RS485 MODBUS RTU features both outstanding ease of use and reliability.

## Curves



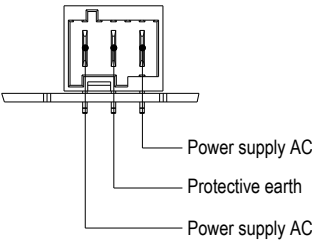
# Connectors

| Connectors             |                       | NRG 77 | NRG 118 | RG 128 | RG 148 | NRG 137 | RG 175 | G1G 170-AB53-01 | G1G 170-AB53-80 | G3G 200 | G3G 250 | G3G 250 MW                 | G3G 315                    |
|------------------------|-----------------------|--------|---------|--------|--------|---------|--------|-----------------|-----------------|---------|---------|----------------------------|----------------------------|
| 1                      | Mains connector X     | ×      | ×       | ×      | ×      | ×       | ×      |                 |                 |         |         | see operating instructions | see operating instructions |
| 2                      | Mains connector X     |        |         |        |        |         |        | ×               | ×               | ×       | ×       |                            |                            |
| 3                      | Interface connector W | ×      |         |        |        |         |        |                 |                 |         |         |                            |                            |
| 4                      | Interface connector W |        | ×       | ×      | ×      | ×       | ×      | ×               |                 |         |         |                            |                            |
| 5                      | Interface connector W |        |         |        |        |         |        |                 |                 | ×       | ×       |                            |                            |
| 6                      | Interface connector W |        |         |        |        |         |        |                 | ×               |         |         |                            |                            |
| Interface 04600.451... |                       | 31     | 04      | 04     | 04     | 04      | 04     | 38              | 41              | 39      | 39      |                            |                            |

Connectors refer to 230 V versions. Further connector types on request.

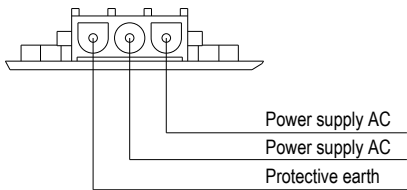
## 1 Mains connector X

3-pin pin-connector with coding type 0A according to RAST 5 in 90° angled / horizontal design with locking feature on top or down for locking device suitable for mating connector according to RAST 5 with coding type 0A as e. g. CoHaMo YY-A5002-H03-K01 or Lumberg 3623 03 K01 Part number for mating connector: 24310.45025



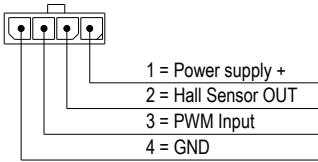
## 2 Mains connector X

3-pin pin-connector according RAST 6.35 in 90° angled / horizontal design suitable for mating connector according to RAST 6.35 e. g. Tyco Universal MATE-N-LOK order number: 1586847-1 and 3 x socket 926882-1 Part number for mating connector: Connector shell 24309.45012; Crimp socket 24307.45002/3



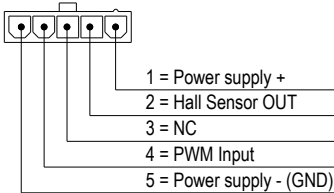
## 3 Interface connector W

4-pin pin-connector according RAST 3.0 in 90° angled / horizontal design suitable for mating connector according to RAST 3.0 e. g. Molex Micro-Fit 3.0 order number: 43645-0408 and 4 x socket 43030-0001 Part number for mating connector: Connector shell 24310.45133; Crimp socket 24300.45128



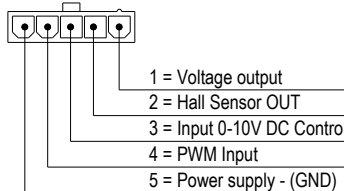
## 4 Interface connector W

5-pin pin-connector according RAST 4.2 in 90° angled / horizontal design suitable for mating connector according to RAST 4.2 e. g. Stocko STO-FIT, CoHaMo order number: Stocko EH 705-005-004-960 and 5 x socket RBB 8230.120 order number: CoHaMo YY-5700-H05AS-GW Part number for mating connector: Connector shell 24309.45035; Crimp socket 24308.45065



## 5 Interface connector W

5-pin pin-connector according RAST 4.2 in 90° angled / horizontal design suitable for mating connector according to RAST 4.2 e. g. Stocko STO-FIT, CoHaMo order number: Stocko EH 705-005-004-960 and 5 x socket RBB 8230.120 order number: CoHaMo YY-5700-H05AS-GW Part number for mating connector: Connector shell 24309.45035; Crimp socket 24308.45065



## 6 Interface connector W

5-pin pin-connector according RAST 4.2 in 90° angled / horizontal design suitable for mating connector according to RAST 4.2 e. g. Stocko STO-FIT, CoHaMo order number: Stocko EH 705-005-004-960 and 5 x socket RBB 8230.120 order number: CoHaMo YY-5700-H05AS-GW Part number for mating connector: Connector shell 24309.45035; Crimp socket 24308.45065

