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**Nominal data**

| Type                     | RG 225-55/18/2TDMO |          |
|--------------------------|--------------------|----------|
| Nominal voltage          | VDC                | 48       |
| Nominal voltage range    | VDC                | 36 .. 72 |
| Speed (rpm)              | min <sup>-1</sup>  | 2800     |
| Power consumption        | W                  | 116      |
| Min. ambient temperature | °C                 | -20      |
| Max. ambient temperature | °C                 | 55       |
| Air flow                 | m <sup>3</sup> /h  | 1210     |
| Sound power level        | B                  | 7.9      |

ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment  
Subject to change

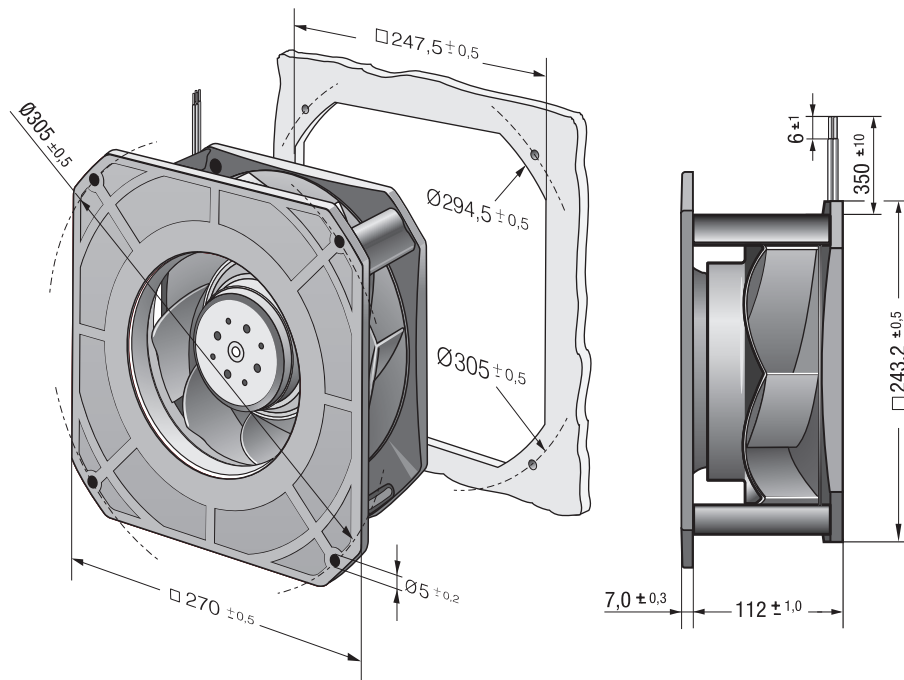


**Technical description**

|                                                |                                                                                                         |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>General description</b>                     | 3-phase fan drive with<br>very smooth operation and high efficiency<br>Backward-curved RadiCal impeller |
| <b>Housing material</b>                        | Scroll housing made of glass-fiber reinforced plastic                                                   |
| <b>Impeller material</b>                       | Glass-fiber reinforced plastic                                                                          |
| <b>Weight</b>                                  | 1.75 kg                                                                                                 |
| <b>Dimensions</b>                              | 270 x 270 x 119 mm                                                                                      |
| <b>Airflow direction</b>                       | Axial: intake, radial: discharge                                                                        |
| <b>Direction of rotation</b>                   | Clockwise, viewed toward rotor                                                                          |
| <b>Storage</b>                                 | Ball bearing                                                                                            |
| <b>Service life L10 at 40 °C</b>               | 55000 h                                                                                                 |
| <b>Service life L10 at maximum temperature</b> | 40000 h                                                                                                 |
| <b>Cable</b>                                   | With leads AWG 18, 20 or<br>AWG 22, TR 64. Speed signal and<br>control input AWG 22                     |



## Product drawing



## Curves

