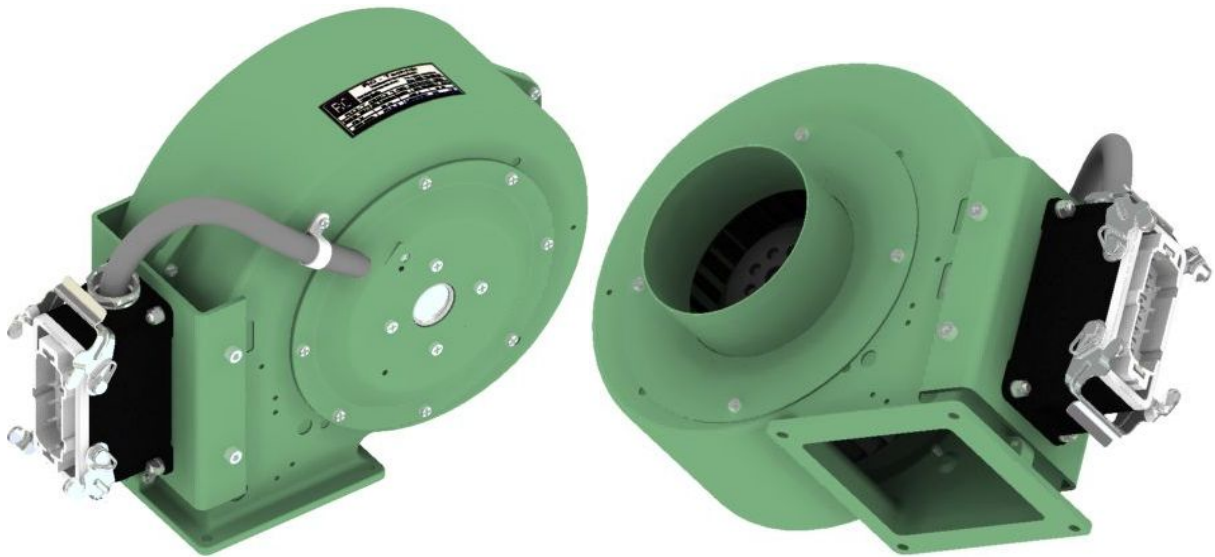


# RADIAL BLOWER

single inlet



*RC-T G2D 146* BG 06-25 HAR



Gottlieb-Dunkel-Str.20/21  
D-12099 Berlin-Tempelhof

Tel.: ++49 - (0)30 - 780 962 0  
Fax ++49 - (0)30 - 780 962 28

Internet: [www.rc-technik.com](http://www.rc-technik.com)  
e-m @il: [info@rc-technik.com](mailto:info@rc-technik.com)

**Product:** Radial blower RC-T G2D 146-BG 06-25 HAR,  
single inlet with spiral casing

**Model:** Illustration with Harting connector and inlet flange  
Motor construction type: three-phase current motor with  
integrated thermal contacts  
Spiral casing: die-cast aluminium, colour-coated, acid proof  
Impeller wheel: steel sheet, enameled black

- available:
- in various RAL colour tones
  - with electrical connector  
of various manufacturers
  - with EC motor

**Technical data:**

Nominal voltage	3~380 / 380 (660) V (Y/D)
Frequency	50 Hz
Power consumption	210 W
Current consumption	0.38 A
Volume flow	see performance curve
Static pressure increase	see performance curve
Rated speed	2450 min <sup>-1</sup>
Motor protection type	IP 54; insulation class B
Operating temperature	-25...+60 °C
Weight	5 kg
Expected service life	40,000 hours of operation, at 40 °C ambient temperature as reference value (depending on marginal conditions)
Certification	CE

**Direction of rotation:** clockwise (viewed from rotor)

**Direction of movement:** inlet on rotor side

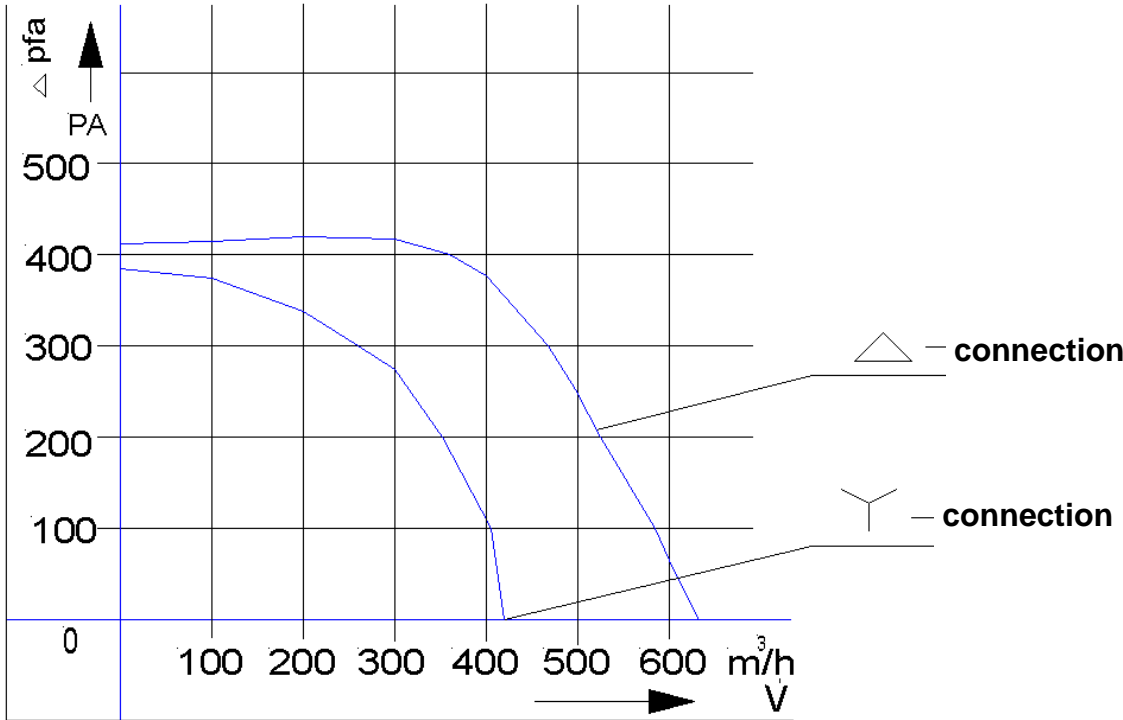
**Mounting position:** rotor axis horizontal or vertical (air intake from above)

**Connection diagram:** Wired up on 16-pole connector

A		03 = U1	L1 black
	10	05 = V1	L2 blue
03		07 = W1	L3 brown
	12	10 = U2	green
05		12 = V2	white
	14	14 = W2	yellow
07			
	B		

**Particularities:** External rotor motors as drive motors are characterized by stable  
runnability, a low noise level and being maintenance-free. The  
short construction type is also of advantage. The relatively high  
centrifugal mass of the external rotor motor ensures constant  
speed at changing loads. The three-phase current motor  
features a particularly high starting torque, very high efficiency  
and good speed control characteristics (Y/D). The motor is  
protected from overload by means of thermal contacts.

**Air performance curve**



**Dimensional drawing:**

