

max. 209 m³/h

DC centrifugal fans

Series RG 160 N 220 x 220 x 56 mm

Information

DC axial fans

DC centrifugal fans

DC fans - specials

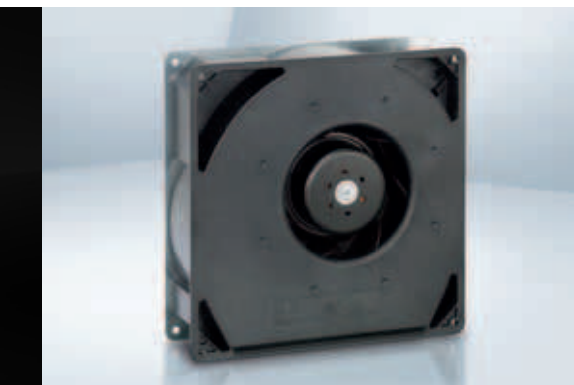
ACmaxx / GreenTech
EC-Compact fans

AC axial fans

AC centrifugal fans

Accessories

Representatives



- **Material:** Scroll housing: GRP¹⁾
Impeller: GRP¹⁾
Housing base: Sheet steel
- **Direction of air flow:** Axial: Intake
Centrifugal: Exhaust
- **Connection:** Via single wires AWG 22, TR 64
48 V model: Flat plug
6.3 x 0.8 mm for protective earth
Backwards-curved impeller
- **Highlights:**
- **Mass:** 1,4 kg
- **Possible special versions:**
(See chapter DC fans - specials)
 - Speed signal
 - Go / No-go alarm
 - Alarm with limit speed
 - External temperature sensor
 - Internal temperature sensor
 - PWM control input
 - Analogue control input
 - Protection against moisture
 - Protection against salt fog
 - Type of protection: IP 54

1) Fibreglass-reinforced plastic

Nominal data	Air flow	Air flow	Nominal voltage	Voltage range	Sound power level	Sinter sleeve bearings Ball bearings	Input power	Nominal speed	Temperature range	Service life L ₁₀ (40 °C) ebm-papst Standard	Service life L ₁₀ (T _{max}) ebm-papst Standard	Life expectancy L ₁₀ IPC (40 °C) see page 17	Curve
Type	m ³ /h	CFM	VDC	VDC	Bel(A)	■ / ■	Watts	rpm	°C	Hours	Hours	Hours	
RG 160-28/12 NM	139	81	12	7...14	5,6	■	7,5	1 900	-20...+70	80 000 / 40 000	135 000	①	
RG 160-28/12 N	209	123	12	7,5...14	6,6	■	21,0	2 850	-20...+70	70 000 / 35 000	117 500	②	
RG 160-28/14 NM	139	81	24	12...28	5,6	■	7,0	1 900	-20...+70	80 000 / 40 000	135 000	①	
RG 160-28/14 N	209	123	24	12...28	6,6	■	20,0	2 850	-20...+70	70 000 / 35 000	117 500	②	
RG 160-28/18 N	209	123	48	28...60	6,6	■	20,0	2 850	-20...+70	70 000 / 35 000	117 500	②	

Subject to alterations

