

Max. 444 m³/h

DC centrifugal fans

□ 220 x 56 mm

Information

DC axial fans

DC centrifugal fans

DC fans - specials

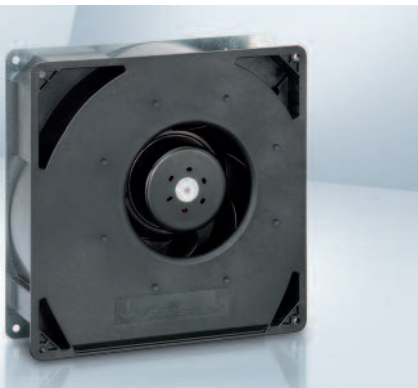
ACmaxx / EC fans

AC axial fans

AC centrifugal fans

Accessories

Representatives



- **Material:** Scroll housing: GRP¹⁾
Impeller: GRP¹⁾
Base plate: 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 ground
conductor
- **Highlights:** Smoothly operating 3-phase
fan drive
Backward-curved impeller
- **Weight:** 1.4 kg

1) Fiberglass-reinforced plastic

Series RG 160 NTD

Nominal data

Series RG 160 NTD		Air flow		Nominal voltage	Voltage range	Sound power level	Sintec sleeve bearings Ball bearings	Power consumption	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
Nominal data														
Type		m³/h	cfm	VDC	VDC	Bel(A)	 	Watts	rpm ⁻¹	°C	Hours		Hours	
Min. Max.	RG 160-28/14 NTD...	59	34.7	24	16...28	—		2.0	800	-20...+60	55 000 / 35 000		92 500	①
		308	181			7.5		64	4 200					②
	RG 160-28/14 NTD	308	181	24	16...28	7.5		64	4 200	-20...+60	55 000 / 35 000		92 500	②
	RG 160-28/14 NTDH	370	218	24	16...28	7.8		101	5 000	-20...+60	50 000 / 32 500		85 000	③
Min. Max.	RG 160-28/18 NTD...	59	34.7	48	38...57	—		2.0	800	-20...+70	55 000 / 27 500		92 500	①
		308	181			7.5		59	4 200					②
	RG 160-28/18 N/2 TDHHP*	444	261	48	36...60	8.5		159	6 000	-20...+65	40 000 / 22 500		67 500	④

Subject to change

Models RG 160-28/14 NTD... and RG 160-28/18 NTD... are available in customer-specific, custom-developed variants only.
The figures indicated are technically feasible benchmark values.
The fans can be specially adapted to your application with signal outputs and control inputs.
*The specific service life is valid when an external capacitor is wired between the positive and negative wires.
Please note the wiring suggestion.

