

Max. 444 m³/h

DC centrifugal fans

□ 220 x 56 mm

Information

DC axial fans

DC centrifugal fans

DC fans - specials

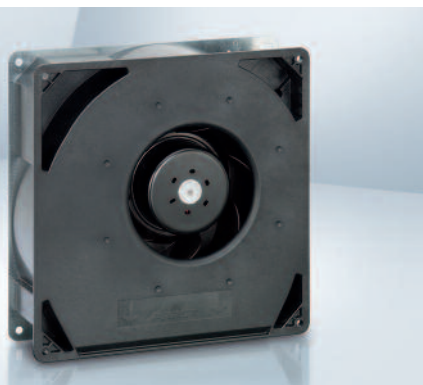
ACmaxx / EC fans

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
- Possible special versions:**
(See chapter DC fans - specials)
 - Speed signal
 - Go / NoGo alarm
 - Alarm with speed limit
 - External temperature sensor
 - Internal temperature sensor
 - PWM control input
 - Analog control input
 - Humidity protection
 - Degree of protection: IP 54

1) Fiberglass-reinforced plastic

Series RG 160 NTD

Nominal data

Series RG 160 NTD		Air flow		Nominal voltage	Voltage range	Sound power level	Sinter 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		m ³ /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					
	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					
	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

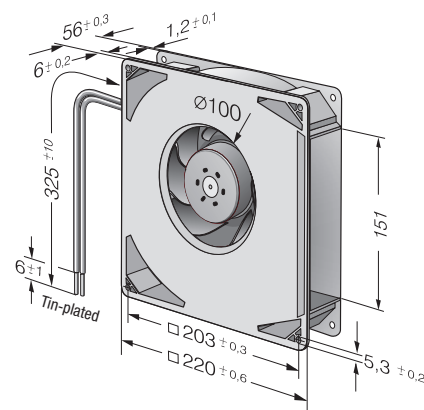
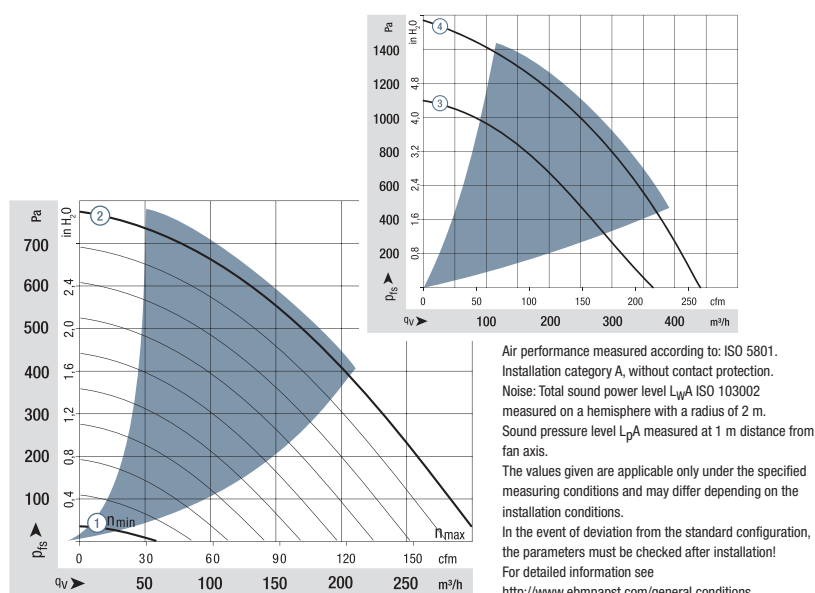
Models RG 160-28/14 NTD... and RG 160-28/18 NTD... are available in customer-specific, custom-developed variants only.

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.



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[RG160-28/18NTDI](#) [RG160-28/14NTDA](#)