

Max. 2190 m³/h

DC centrifugal fans – RadiCal

Ø 280 mm



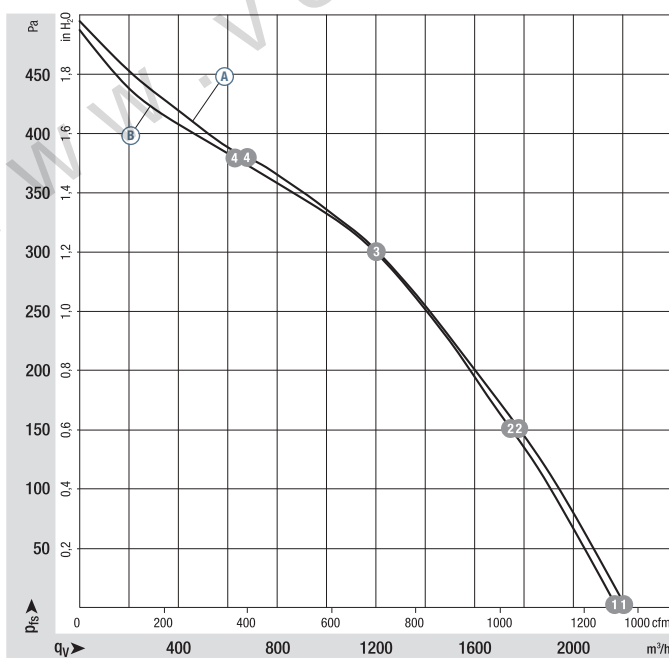
- **Material:** Impeller: PP plastic
Rotor: Painted black
- **Number of blades:** 6
- **Direction of rotation:** Clockwise, looking towards rotor
- **Degree of protection:** IP 44, depending on installation and position
- **Insulation class:** "B"
- **Installation position:** Any
- **Condensation drainage holes:** None
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data

Type	Motor	Curve	Nominal voltage VDC	Nominal voltage range VDC	Air flow m³/h	Nominal speed rpm ⁻¹	Power consumption W	Input current A	Sound pressure level dB(A)	Admissible amb. temp. °C	Technical features and connection diagram
R3G 280	M3G 074-CF	A	24	16-28	2190	1900	142	5.90	67	-25...+60	p. 262 / J5)
R3G 280	M3G 074-CF	B	48	36-57	2160	1910	140	2.90	67	-25...+60	p. 262 / J5)

Subject to change

Curves:



	n rpm ⁻¹	P _{ed} W	I A	L _{WA} dB(A)
A 1	1900	142	5.90	74
A 2	1870	162	6.76	67
A 3	1840	173	7.21	64
A 4	1905	153	6.36	68
B 1	1910	140	2.90	74
B 2	1845	158	3.30	67
B 3	1830	163	3.40	64
B 4	1900	141	2.93	68

Air performance measured according to: ISO 5801, Installation category A, with ebm-papst inlet ring without contact protection. Suction-side noise levels: L_{WA} according to ISO 13347, L_{pA} measured at 1 m distance from fan axis. The values given are applicable only under the specified measuring conditions and may differ depending on the installation conditions. In the event of deviation from the standard configuration, the parameters must be checked after installation! For detailed information see <http://www.ebmpapst.com/general conditions>

- **Technical features:** See connection diagram p. 262
- **Cable exit:** Variable
- **Conformity with standard(s):** EN 60950-1
- **Approvals:** EAC



Weight
centrifugal fans



Centrifugal fans

kg

Inlet ring

R3G 280-RN30 -01

2.4

28000-2-4013

R3G 280-RNB1 -02

2.4

28000-2-4013

