

EC centrifugal fans - RadiCal

Series R3G225 RE Ø225 mm



Highlights:

- 7-blade fan, 1-phase fan motor
- Backward curved, single inlet
- Output 10 VDC, max. 1.1 mA, Tach output, Control input 0-10 VDC / PWM
- Motor current limit, Soft start, Locked-rotor protection, Over temperature protected electronics / motor
- Mounting position: Shaft horizontal or rotor on bottom; rotor on top on request
- Condensate discharge holes: None, open rotor
- Ingress protection of IP54

Material: Fiberglass-reinforced composite

Impeller: PA6

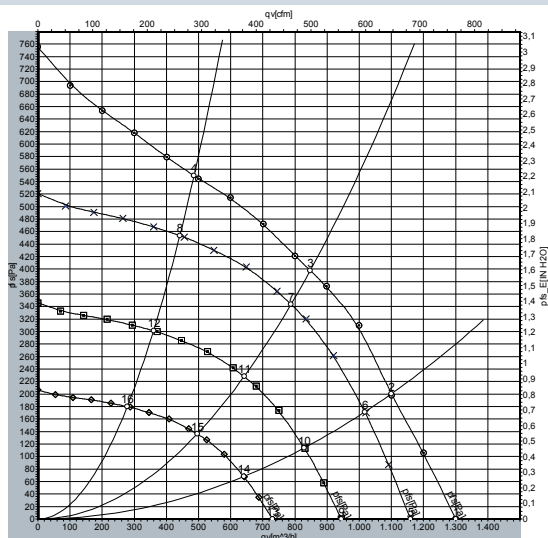
Electronic housing: Die-cast aluminum

Direction of rotation: Clockwise, seen on rotor

Nominal Data	Air flow	Nominal voltage	Voltage range	Sound pressure level	Sound power level	Ball bearings	Power input	Speed (1)	Temperature range (1)	Mass	Ingress Protection Rating	UL Approval
	Type	CFM	VDC	VDC	dB(A)	Bel(A)	Watts	RPM	°C	g		
R3G225-RE19-04	753.4	115	100...130	70	78	Yes	170	2,870	-25...50	1,750	IP54	Yes
R3G225-RE07-03	765.2	230	200...240	70	78	Yes	170	2,860	-25...60	1,750	IP54	No

(1) Nominal data at maximum load.

R3G225-RE19-04 Curves



Measurement: LU-142355

Air performance measured as per: ISO 5801, Installation category A, without protection against accidental contact.

Suction-side noise levels: LwA as per ISO 13347, LpA measured at 1m distance to fan axis.

The values given are valid under the measuring conditions mentioned and may vary according to the actual installation situation.

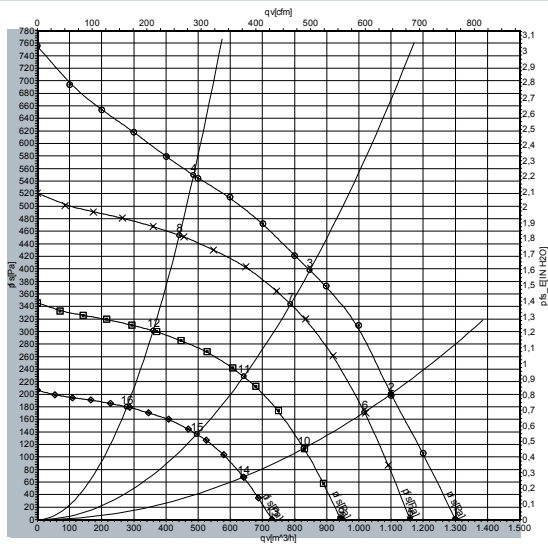
With any deviation to the standard set-up, the specific values have to be checked and reviewed once installed or fitted.

For detailed information on the measuring set-up, please contact ebm-papst.

	n rpm	Pe W	I A (115V)	LwA dB(A)
(A) 1	2985	153	2.0	-
(A) 2	2870	170	2.2	-
(A) 3	2895	162	2.1	-
(A) 4	2965	150	2.0	-
(A) 5	2500	90	1.2	-
(A) 6	2500	113	1.5	-
(A) 7	2500	104	1.3	-
(A) 8	2500	90	1.2	-
(A) 9	2000	46	0.6	-
(A) 10	2000	58	0.7	-
(A) 11	2000	53	0.7	-
(A) 12	2000	46	0.6	-
(A) 13	1500	19	0.3	-
(A) 14	1500	25	0.3	-
(A) 15	1500	23	0.3	-
(A) 16	1500	19	0.3	-

Note: (-) Not available. Contact Application Engineering for more information.

R3G225-RE07-03 Curves



Measurement: LU-129100

Air performance measured as per: ISO 5801, Installation category A, without protection against accidental contact.

Suction-side noise levels: LpA as per ISO 13347, LpA measured at 1m distance to fan axis.

The values given are valid under the measuring conditions mentioned and may vary according to the actual installation situation.

With any deviation to the standard set-up, the specific values have to be checked and reviewed once installed or fitted.

For detailed information on the measuring set-up, please contact ebm-papst.

	n	Pe	I	LwA
	rpm	W	A (230V)	dB(A)
ⓑ 1	3030	151	2.6	78
ⓑ 2	2910	168	2.8	74
ⓑ 3	2860	170	2.8	68
ⓑ 4	2970	157	2.8	73
ⓑ 5	2700	107	1.8	76
ⓑ 6	2700	134	2.2	72
ⓑ 7	2700	135	2.4	67
ⓑ 8	2700	118	2.0	70
ⓑ 9	2700	58	1.0	70
ⓑ 10	2700	73	1.2	67
ⓑ 11	2200	73	1.2	62
ⓑ 12	2200	64	1.2	65
ⓑ 1E	1700	27	0.4	64
ⓑ 1A	1700	33	0.6	61
ⓑ 1B	1700	34	0.6	56
ⓑ 1C	1700	29	0.6	59

Note: (-) Not available. Contact Application Engineering for more information.

R3G225-REXX-XX

