AC centrifugal fans - RadiCal®

Series R2E250 RB Ø250 mm



Highlights:

– Backward curved
– 7-blade impeller, single phase motor
– Thermal overload protector (TOP) wired internally
– Mounting position: Shaft horizontal or rotor on bottom; rotor on top on request
– Condensate discharge holes: Rotor-side
– Ingress protection of IP44; dependent on installation and position

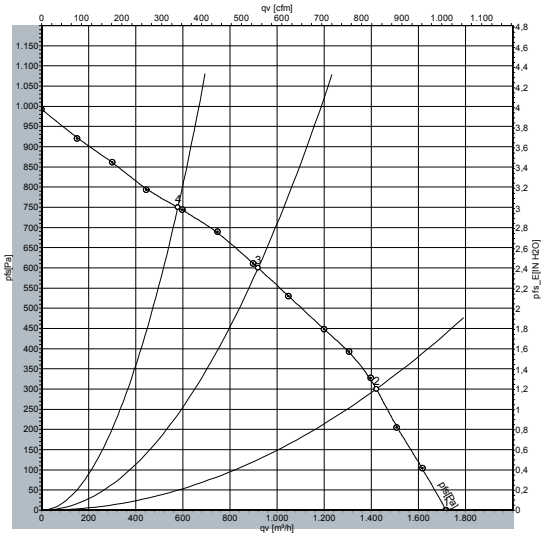
Material: Fiberglass reinforced composite
Impeller: PA

Direction of rotation: Clockwise, seen on rotor

Nominal Data	Air flow	Nominal voltage	Hertz	Ball bearings	Power input	Speed (1)	Temperature range (1)	Mass	Ingress Protection Rating	Capacitor	UL
Type	**CFM**	**VAC**			**Watts**	**RPM**	**°C**	**g**		**µF**	
R2E250-RB02-11	**1010.1**	115	50/60	Yes	395	3,050	-25...60	3,800	IP44	20	Yes
R2E250-RB06-12	**1006.5**	230	50/60	Yes	390	3,100	-25...55	3,800	IP44	5	Yes

(1) Nominal data at operating point with maximum load.

R2E250-RB02-11 Curves



Measurement: LU-131705

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.

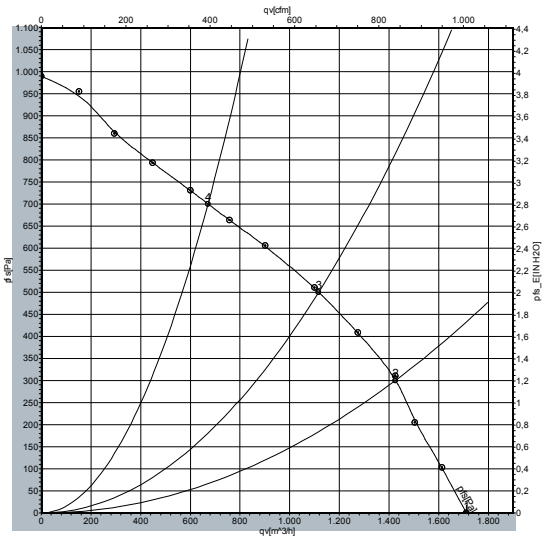
The values given are valid under the measuring conditions mentioned and may vary accoring to the actual installation situation.

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)	L_{WA} dB(A)
A 1	3220	352	3.07	81
A 2	3125	380	3.31	76
A 3	3050	395	3.45	74
A 4	3170	363	3.17	80

R2E250-RB06-12 Curves



Measurement: LU-130856

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 accoring 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 (230V)	LWA dB(A)
B	1	3200	345	1.51	81
B	2	3155	364	1.59	76
B	3	3100	390	1.71	73
B	4	3150	365	1.59	80

R2E250-RBXX-XX

