



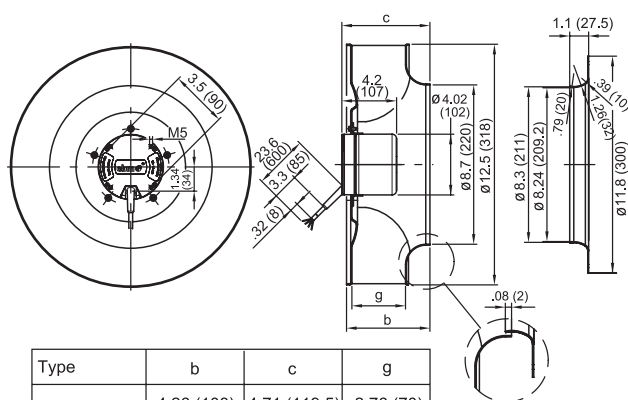
R3G310 Series

Motorized Impeller

Ø 310mm Backward Curved

- These centrifugal fans have backward curved blades offering an extremely good aerodynamic efficiency
- Impeller completely made of sheet aluminium.
- Wiring connection: Red = + ; Blue = - ; White = Tach Output; Yellow = Speed Control
- Integrated electronics with reverse polarity and locked-rotor protection. Rotation is CW. Tach Output. Cable exit: variable.
- UL, CSA, VDE approvals on most models, please contact application engineering.
- Recommended inlet ring: 31051-2-4013.

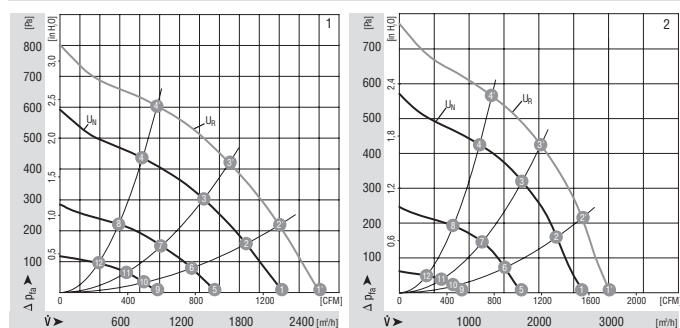
Part Number	Curve	CFM @ 0	VDC	Volt. Range	Power (W)	dBA	Max Amb. Temp C	Bearing Type	Impeller Material	Speed (RPM)	Wgt. (lbs)
R3G310-AN12-30	1	1313	48	36 to 57	178	64	45	8.00	Ball	2070	9.26
R3G310-AL09-30	2	1542	48	36 to 57	208	67	40	8.00	Ball	1930	9.70



Type	b	c	g
R3G310-AN	4.26 (108)	4.71 (119.5)	2.76 (70)
R3G310-AL	5.48 (139)	5.91 (150)	3.98 (101)

	n [RPM]	P _i [W]	η _{is} [%]	Lp _A [dBA]		n [RPM]	P _i [W]	η _{is} [%]	Lp _A [dBA]		n [RPM]	P _i [W]	η _{is} [%]	Lp _A [dBA]		n [RPM]	P _i [W]	η _{is} [%]	Lp _A [dBA]
1	2395	271	---	74	1	1445	66	---	61	2	2230	317	---	72	2	1290	69	---	59
1	2345	325	47	71	1	1430	79	47	59	2	2190	373	50	69	2	1280	80	50	57
1	2320	362	60	70	1	1420	88	60	57	2	2150	415	66	66	2	1270	90	66	55
1	2330	350	54	74	1	1420	85	54	62	2	2175	390	63	67	2	1280	85	63	54
1	2070	178	---	71	1	930	23	---	50	2	1930	208	---	69	2	660	14	---	47
1	2035	211	47	67	1	925	26	47	48	2	1900	148	50	65	2	660	15	50	46
1	2015	234	60	65	1	920	29	60	47	2	1870	274	66	62	2	655	17	66	44
1	2025	227	54	70	1	920	28	54	51	2	1890	257	63	61	2	655	16	63	44

Curve



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