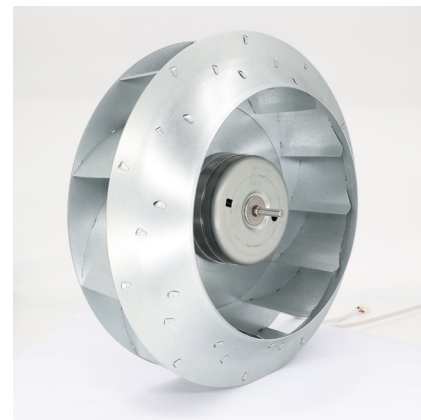


280mm Metal Backward Centrifugal Fan

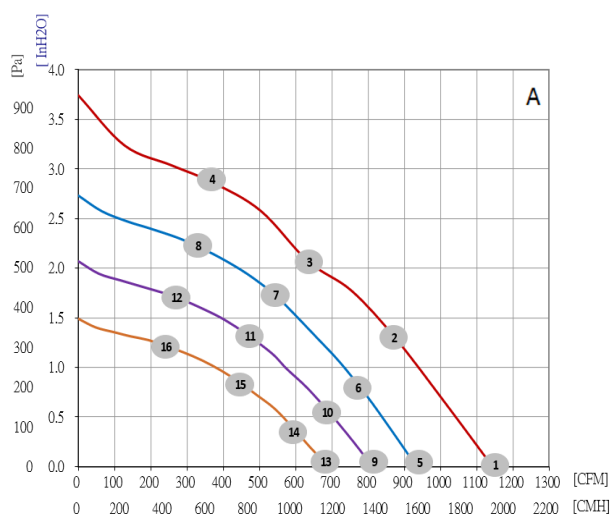
SPECIFICATIONS

- Material: Impeller: Metal
Rotor: Zinc Plating Steel
Electronics housing: Die-cast aluminium
- Number of blades: 11
- Direction of rotation: Clockwise viewed toward rotor
- Insulation class: "B"
- Installation position: Any
- Degree of protection: IP24
- Condensation drainage holes: None
- Mode: Continuous operation (S1)
- Mounting: Maintenance-free ball bearings
- Technical features: Controller input PWM
- Cable exit: Variable
- Protection class: I (with customer connection of protective earth)
- Conformity with standards: EN 60335-1
- Weight: 2.1KG



PERFORMANCE

Nominal data	Platform	Curve	Nominal voltage range	Frequency	Speed*	Max input power*	Max input current*	Operating ambient temp	Life time	PWM
Type	Motor		VAC	Hz	rpm	W	A	°C	Hr	
ECO280DB235090130	OD90	A	230	50 / 60	2790	350	2.58	-20 to +50	40,000	●



n (rpm)	P ₁ (W)	I (A)	η (%)	P (Pa)	P (inH ₂ O)	Q (CMH)	Q (CFM)
① 3020	240	1.80	—	0	0	1939	1142
② 2900	341	2.47	38.6	321	1.29	1492	879
③ 2790	358	2.58	42.8	516	2.07	1077	634
④ 2900	336	2.46	37.0	714	2.86	630	371
⑤ 2660	166	1.27	—	0	0	1582	931
⑥ 2660	217	1.62	30.7	179	0.72	1348	794
⑦ 2660	260	1.90	42.0	434	1.74	914	538
⑧ 2660	240	1.78	35.2	553	2.22	554	326
⑨ 2320	116	0.9	0	0	0	1379	812
⑩ 2320	145	1.13	30.4	135	0.54	1178	694
⑪ 2320	174	1.33	41.7	332	1.33	789	465
⑫ 2320	160	1.23	35.0	421	1.69	479	282
⑬ 1980	71	0.61	—	0	0	1171	689
⑭ 1980	93	0.77	29.4	98	0.39	1003	591
⑮ 1980	108	0.87	41.0	212	0.85	753	444
⑯ 1980	102	0.83	33.5	303	1.22	406	239

