

190mm Plastic Backward Centrifugal Fan

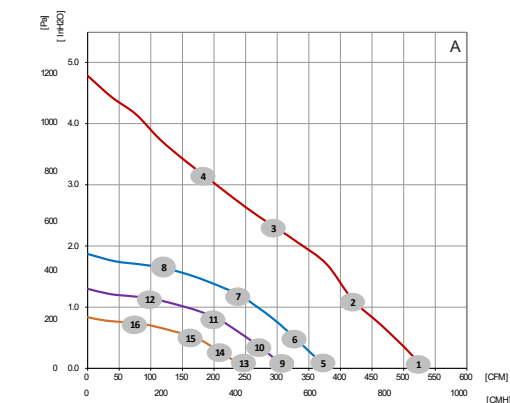
SPECIFICATIONS

- Material: Impeller: Plastic
Rotor: Zinc Plating Steel
Electronics housing: Die-cast aluminium
- Number of blades: 7
- Direction of rotation: Clockwise viewed toward rotor
- Insulation class: "B"
- Installation position: Any
- Degree of protection: IP54
- Condensation drainage holes: None
- Mode: Continuous operation (S1)
- Mounting: Maintenance-free ball bearings
- Technical features: Controller input PWM/0-10V
- Cable exit: Variable
- Protection class: I (with customer connection of protective earth)
- Conformity with standards: EN 60335-1/UL
- Weight: 1.5KG

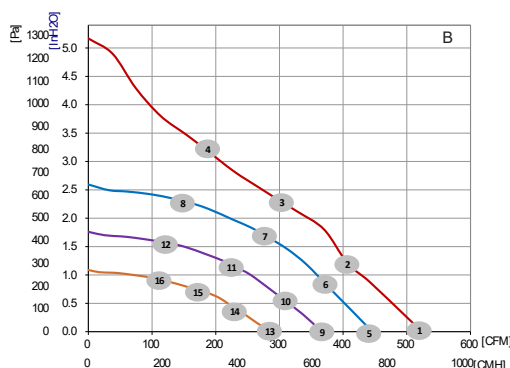


PERFORMANCE

Nominal data	Platform	Nominal voltage range	Frequency	Speed*	Max input power*	Max input current*	Operating ambient temp	Life time	Curve	PWM/0-10V
Type	Motor	VAC	Hz	rpm	W	A	°C	Hr		
ECO190CB126072220	ECO-072-025-126-PA-220	120	50 / 60	4000	170	2.34	-20 to +60	40,000	A	●
ECO190CB235072220	ECO-072-025-235-PA-220	230		4070		1.32			B	

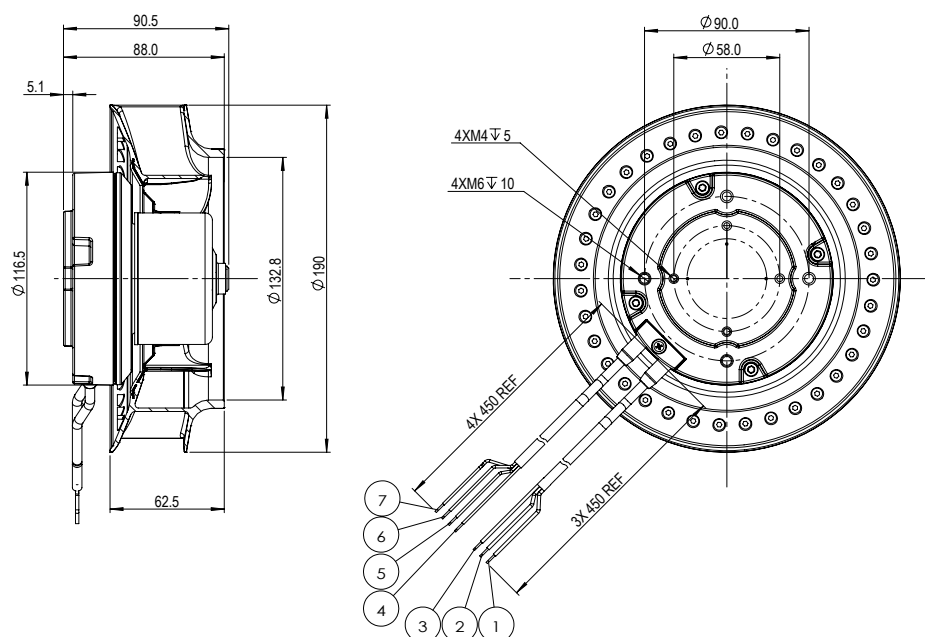


	n (rpm)	P1 (W)	I (A)	η (%)	P (Pa)	P (InH ₂ O)	Q (CMH)	Q (CFM)
①	4270	173	2.34	—	0	0	900	530
②	3980	174	2.34	31.6	278	1.12	713	420
③	4000	174	2.34	46.1	566	2.27	512	302
④	4150	174	2.34	39.3	781	3.13	317	187
⑤	3020	64	0.91	—	0	0	644	379
⑥	3020	73	1.02	24.7	115	0.46	563	332
⑦	3020	75	1.05	44.8	290	1.16	417	246
⑧	3020	66	0.93	35.7	408	1.64	209	123
⑨	2530	40	0.59	—	0	0	533	314
⑩	2530	45	0.65	22.6	77	0.31	472	278
⑪	2530	46	0.67	42.3	198	0.79	354	209
⑫	2530	41	0.6	33.5	284	1.14	172	101
⑬	2030	22	0.35	—	0	0	425	250
⑭	2030	25	0.39	22.5	56	0.22	367	216
⑮	2030	26	0.4	38.8	128	0.52	284	167
⑯	2030	23	0.36	31.1	181	0.73	143	84

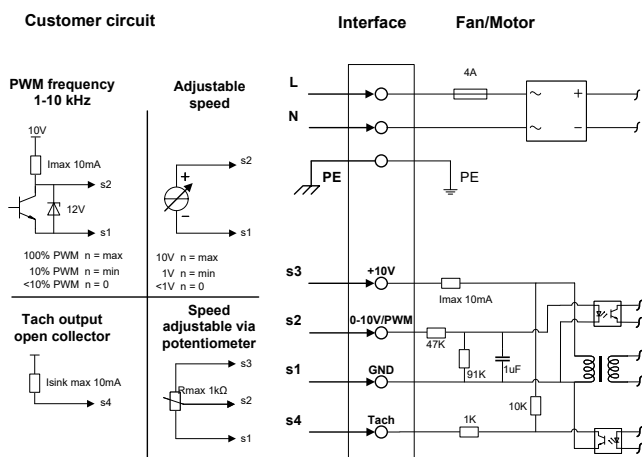


	n (rpm)	P1 (W)	I (A)	η (%)	P (Pa)	P (InH ₂ O)	Q (CMH)	Q (CFM)
①	4320	173	1.31	—	0	0	900	530
②	4020	173	1.32	33.3	300	1.21	692	407
③	4070	173	1.32	46.9	574	2.30	511	301
④	4200	174	1.32	39.7	803	3.22	310	183
⑤	3600	104	0.84	—	0	0	756	445
⑥	3600	120	0.95	28.9	194	0.78	641	378
⑦	3600	120	0.95	45.9	417	1.67	477	281
⑧	3600	109	0.87	38.2	569	2.29	265	156
⑨	2990	64	0.53	—	0	0	622	366
⑩	2990	74	0.6	27.8	142	0.57	520	306
⑪	2990	72	0.59	42.7	284	1.14	391	230
⑫	2990	67	0.55	35.1	388	1.56	219	129
⑬	2350	36	0.32	—	0	0	490	288
⑭	2350	40	0.35	22.9	79	0.32	415	244
⑮	2350	40	0.35	37.4	172	0.69	316	186
⑯	2350	38	0.33	32.8	226	0.91	199	117

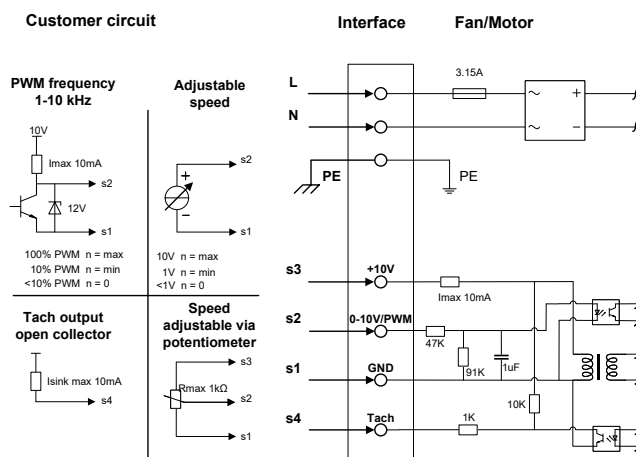
DRAWING



DIAGRAM



ECO-072-025-126-PA-220



ECO-072-025-235-PA-220

NO.	DESIGNATION	COLOR	ASSIGNMENT
1	L	BROWN	POWER SUPPLY
2	N	BLUE	NEUTRAL
3	PE	GREEN/YELLOW	PROTECTIVE EARTH
4	GND	BLACK	GND CONNECTION FOR CONTROL INTERFACE, SELV
5	PWM/0-10V	YELLOW	CONTROL INPUT PWM/0-10V, SELV
6	TACHO	WHITE	TACHO OUT, 1 PULSE/REVOLUTION, SELV
7	+10V	RED	VOLTAGE OUTPUT 10 VDC, SELV