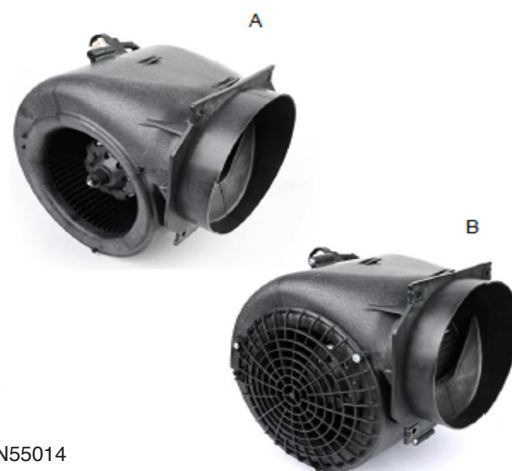


150mm Dual Inlet Blower

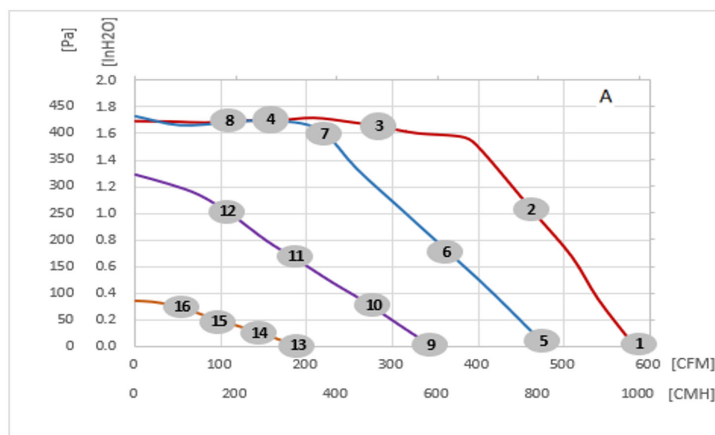
SPECIFICATIONS

Material:	Impeller: Plastic Volute: Plastic Stator: BMC
Number of blades:	57
Direction of rotation:	Clockwise viewed toward impeller
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, EN 60335-2-31, UL1004-1/-7, CE, EMC:EN55014
Weight:	2.2KG
Certificates:	VDE/UL



PERFORMANCE

Nominal data	Platform	Curve	Nominal voltage range	Frequency	Speed*	Max input power*	Max input current*	Operating ambient temp.	Life time	PMW/ 0-10V
Type	Motor		VAC	Hz	rpm	W	A	°C	Hr	
ECO150AD235072220	ECO-072-025-235-PA-221	A	230	50/60	1690	170	1.32	-20 to +80	40,000	●
ECO150AD235072221		B			1730					



	n (rpm)	P1 (W)	I (A)	η (%)	P (Pa)	P (inH ₂ O)	Q (CMH)	Q (CFM)
①	1690	172	1.32	—	0	0	990	582
②	2200	172	1.32	32.0	252	0.99	789	464
③	2510	124	0.98	44.6	412	1.62	483	283
④	2510	82	0.67	40.1	423	1.66	279	164

⑤	1400	92	0.74	—	0	0	809	475
⑥	1840	92	0.74	33.5	181	0.71	616	362
⑦	2460	92	0.74	44.4	406	1.59	364	214
⑧	2510	63	0.53	33.8	419	1.64	183	107

⑨	1020	37	0.32	—	0	0	588	345
⑩	1300	37	0.32	28.6	83	0.32	456	268
⑪	1620	37	0.32	39.1	163	0.64	319	187
⑫	1960	37	0.32	35.3	246	0.96	191	112

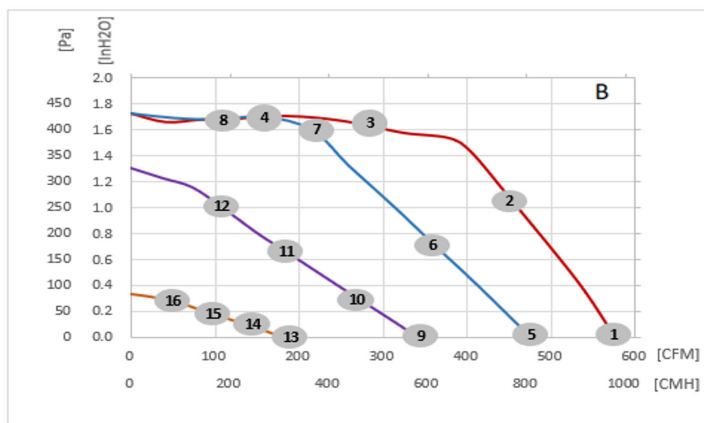
⑬	580	10	0.10	—	0	0	321	188
⑭	710	10	0.10	16.9	24	0.09	251	147
⑮	850	10	0.10	22.7	45	0.17	179	105
⑯	1030	10	0.10	19.5	70	0.27	100	58

	n (rpm)	P1 (W)	I (A)	η (%)	P (Pa)	P (inH ₂ O)	Q (CMH)	Q (CFM)
①	1730	169	1.32	—	0	0	980	576
②	2280	171	1.32	33.0	264	1.03	771	453
③	2510	120	0.96	44.8	407	1.60	478	281
④	2510	80	0.66	40.4	425	1.67	276	162

⑤	1420	92	0.74	—	0	0	809	475
⑥	1860	92	0.75	32.9	179	0.70	611	359
⑦	2450	92	0.74	43.8	398	1.56	367	215
⑧	2510	62	0.52	34.2	417	1.64	183	107

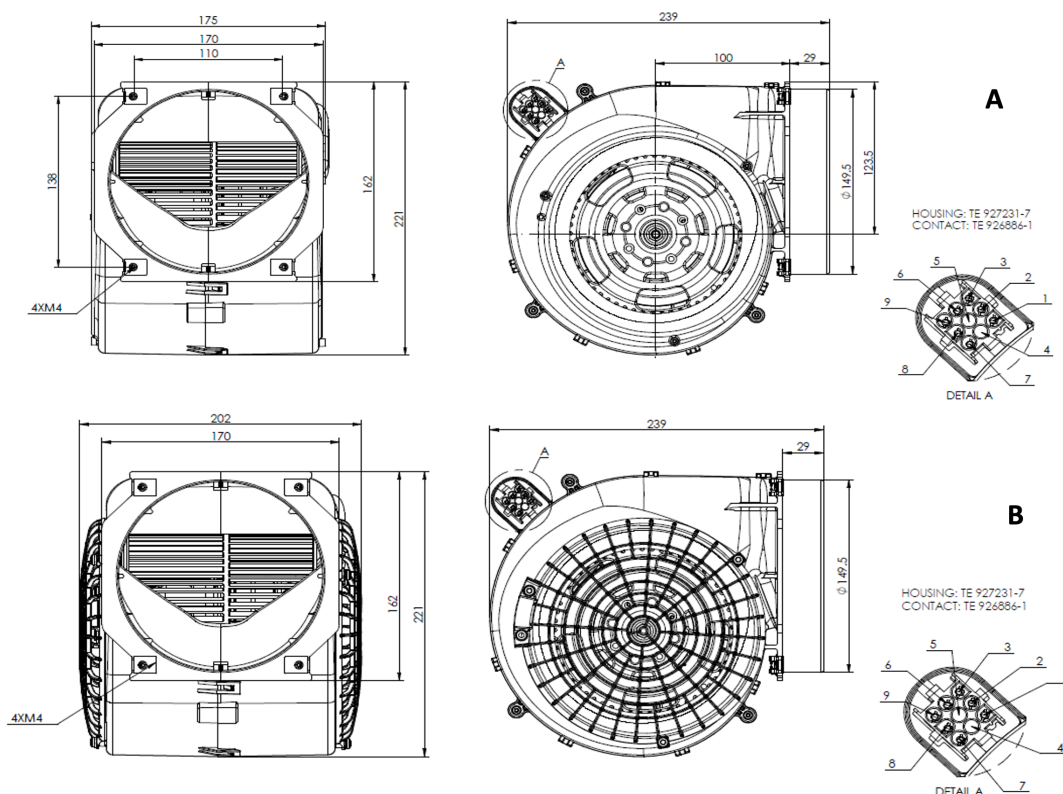
⑨	1040	37	0.31	—	0	0	579	340
⑩	1310	37	0.31	27.6	81	0.31	448	263
⑪	1640	37	0.31	39.1	164	0.64	315	185
⑫	1950	37	0.32	35.1	247	0.97	188	110

⑬	580	10	0.10	—	0	0	312	183
⑭	700	10	0.10	16.2	23	0.09	243	143
⑮	850	10	0.10	22.3	43	0.17	175	102
⑯	1020	10	0.10	19.1	68	0.26	97	56

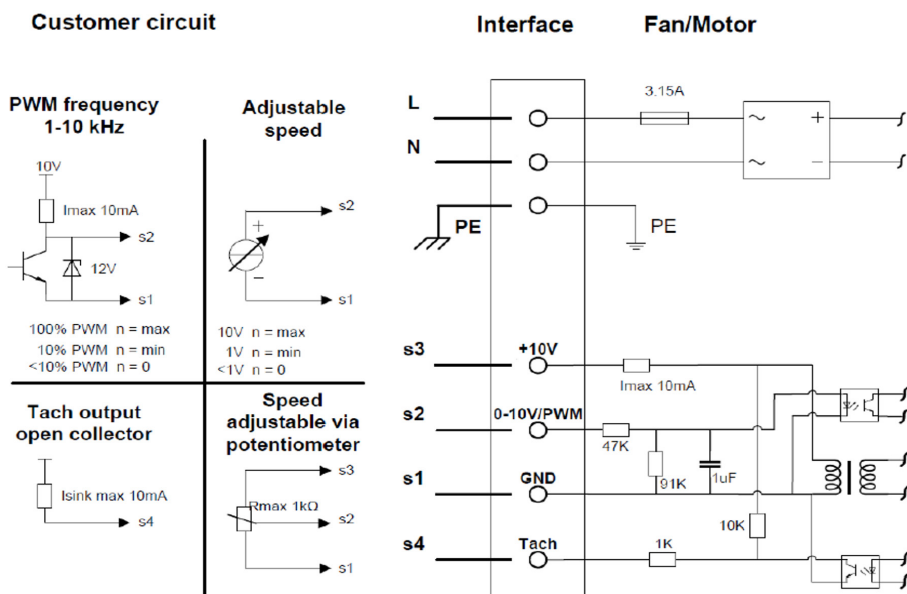


150mm Dual Inlet Blower

DRAWING



DIAGRAM



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