

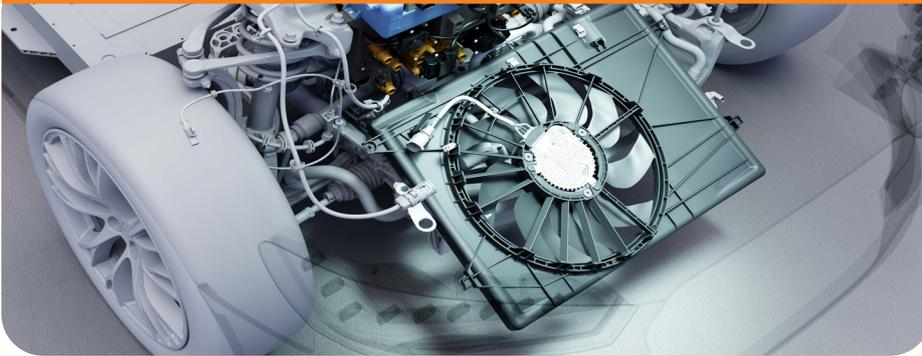
CHARACTERISTICS:

A cooling fan module powered by a brushless motor, offering high efficiency, low noise, and lightweight design. It features compact axial packaging and comprehensive diagnostics, with an electrical power range of 450-700W (12V), ideal for long-life applications in hybrid, electric, and internal combustion engine vehicles.



Brushless Motor for
Cooling Fan Module

Application Example: Cooling fan radiator



SPECIFICATIONS:

Supply Voltage range / Nominal (V) :	9-16 (12)
Electric power range (W) :	450 – 700
Airflow power range (W) :	216 – 337
Motor and Fan length (mm) :	59-67
Shroud Dimension (LxH mm) :	696x548
Weight (g) :	2930-3380
Max Efficiency (%) :	48%
Sound Pressure Level (OASPL dBa) :	72-75,5
Fan Diameter (mm) :	490
Min fan speed (rpm) :	500
Max fan speed (rpm) :	2650-3050
Temperature full operation range (°C) :	-40-120
Life (h) :	Up to 40000 (depending on life cycle)
Reverse Polarity Protection :	Yes
Thermal Protection :	Yes

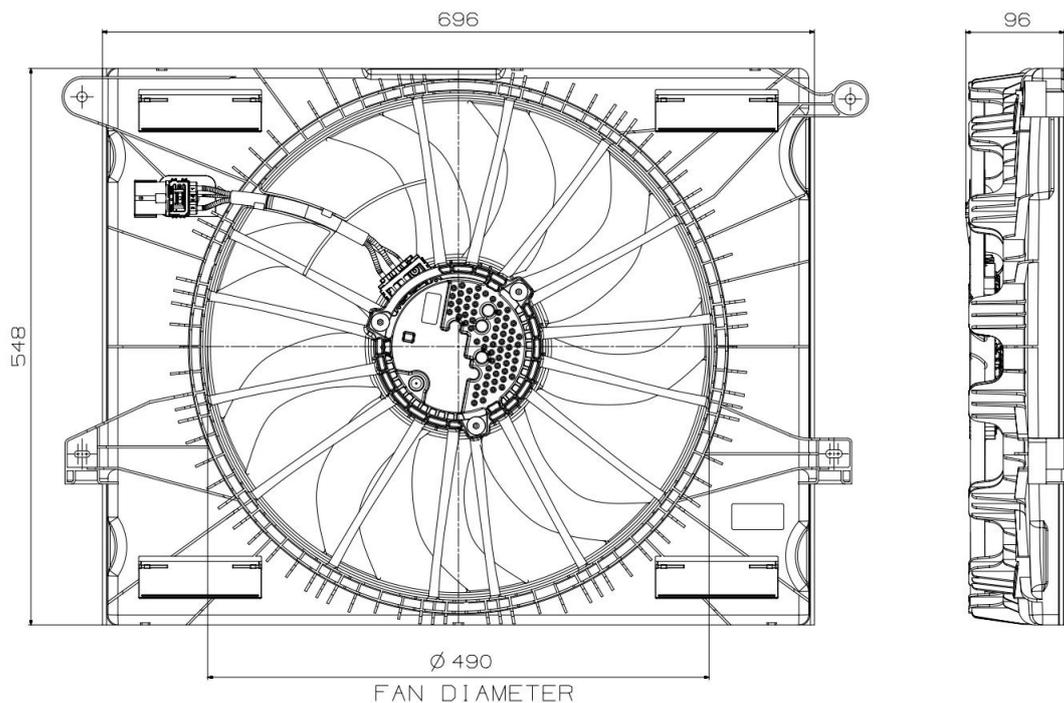
All data are for reference only. The design is fully customizable.

PERFORMANCE DATA:

Density [Kg/m ³]	Temp. [°C]	Airflow [m ³ /h]	Pressure head [Pa]	Input Power [W]	Output Power [W]	Efficiency [%]	Voltage [V]	Current [A]	Speed [RPM]
1,1684	25	12167	-307	552	-1037	0,0	13	42,4	2837
1,1684	25	11677	-266	553	-862	0,0	13	42,5	2727
1,1684	25	11418	-245	553	-778	0,0	13	42,5	2686
1,1684	25	10872	-205	552	-618	0,0	13	42,4	2630
1,1684	25	10313	-164	552	-469	0,0	13	42,4	2546
1,1684	25	9737	-123	553	-332	0,0	13	42,5	2466
1,1684	25	9141	-82	553	-208	0,0	13	42,5	2393
1,1684	25	8522	-41	553	-97	0,0	13	42,5	2328
1,1684	25	7870	0	553	0	0,0	13	42,5	2267
1,1684	25	7196	41	553	82	14,8	13	42,4	2209
1,1684	25	6493	82	553	148	26,7	13	42,4	2162
1,1684	25	5800	123	552	198	35,8	13	42,4	2118
1,1684	25	5169	164	551	235	42,6	13	42,3	2086
1,1684	25	4656	205	550	265	48,1	13	42,2	2035
1,1684	25	3711	245	550	253	46,0	13	42,2	2035
1,1684	25	2782	286	551	221	40,1	13	42,3	2032
1,1684	25	2201	307	551	188	34,0	13	42,3	2029
1,1684	25	1527	327	551	139	25,2	13	42,3	2046
1,1684	25	813	348	552	78	14,2	13	42,4	2063

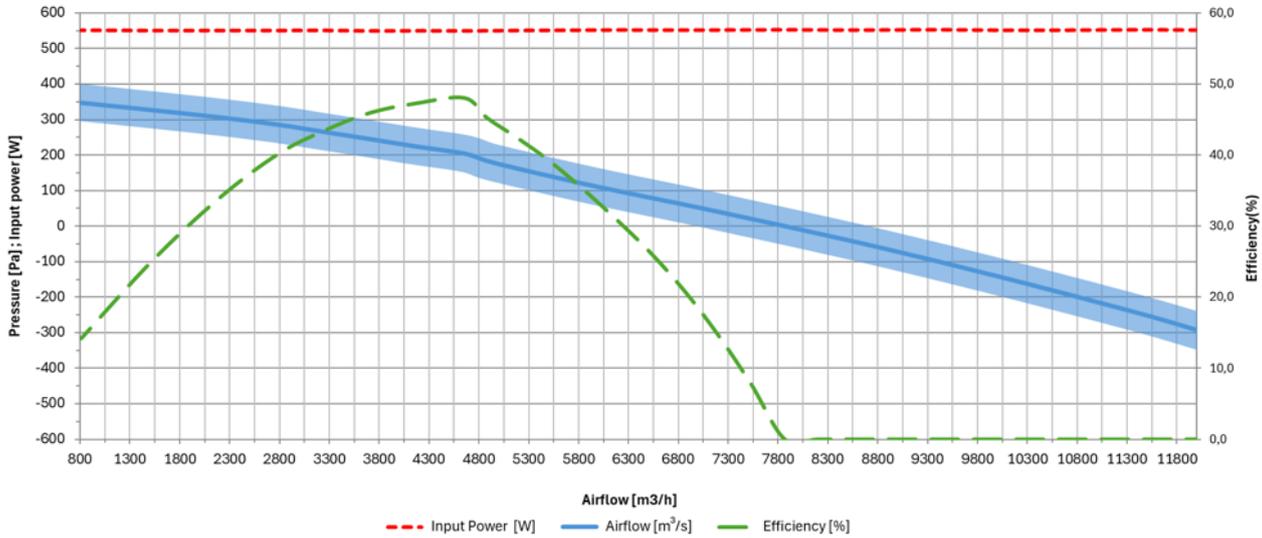
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OUTLINE DRAWING:



PERFORMANCE CURVE:

Tested according to ISO-5801 performed @ 25°C with air density of 1,168 Kg/m³



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