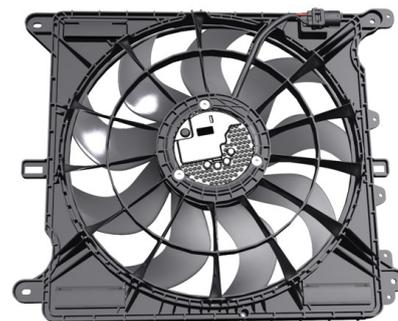


CFM-BLDC750-1000W

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 750-1050W (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) :	750 – 1050
Airflow power range (W) :	385-539
Motor and Fan length (mm) :	71 – 75
Shroud Dimension (LxH mm) :	597 x 588
Weight (g) :	5800 - 6100
Max Efficiency (%) :	51,3
Sound Pressure Level (OASPL dBa) :	82,4-93,7
Fan Diameter (mm) :	520
Min fan speed (rpm) :	500
Max fan speed (rpm) :	2350 – 3200
Temperature full operation range (°C) :	-40 – 120
Life (h) :	Up to 40000 (depending on life cycle)
Reverse Polarity Protection :	Yes
Thermal Protection :	Yes

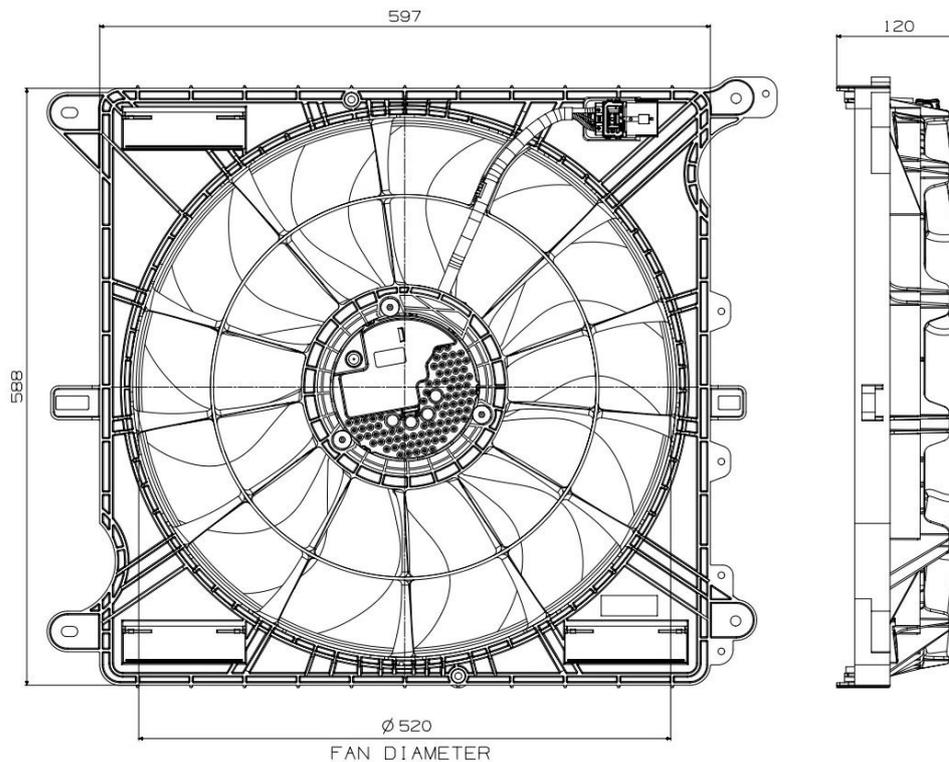
All data are for reference only. The design is fully customizable.

PERFORMANCE DATA:

Density [Kg/m ³]	Temp. [°C]	Airflow [m ³ /s]	Pressure head [Pa]	Input Power [W]	Output Power [W]	Efficiency [%]	Voltage [V]	Current [A]	Speed [RPM]
1,168	25	11215	-206	571	-642	0,0	13	44,0	3046
1,168	25	11100	-185	604	-572	0,0	13	46,5	3047
1,168	25	10869	-144	669	-435	0,0	13	51,6	3047
1,168	25	10633	-103	736	-304	0,0	13	56,7	3045
1,168	25	10391	-62	812	-178	0,0	13	62,5	3047
1,168	25	10049	-21	872	-58	0,0	13	67,1	3022
1,168	25	9580	21	899	55	6,1	13	69,2	2963
1,168	25	9021	62	900	155	17,2	13	69,3	2879
1,168	25	8459	103	904	242	26,8	13	69,5	2796
1,168	25	7913	144	907	317	35,0	13	69,7	2718
1,168	25	7346	185	908	378	41,7	13	69,8	2641
1,168	25	6729	227	906	424	46,8	13	69,7	2577
1,168	25	6097	268	903	454	50,2	13	69,5	2525
1,168	25	5383	309	900	462	51,3	13	69,2	2484
1,168	25	4472	350	898	435	48,4	13	69,1	2462
1,168	25	3268	391	899	355	39,5	13	69,2	2462
1,168	25	2569	433	896	309	34,4	13	69,0	2436
1,168	25	2028	474	895	267	29,8	13	68,9	2428
1,168	25	625	556	897	97	10,8	13	69,0	2442

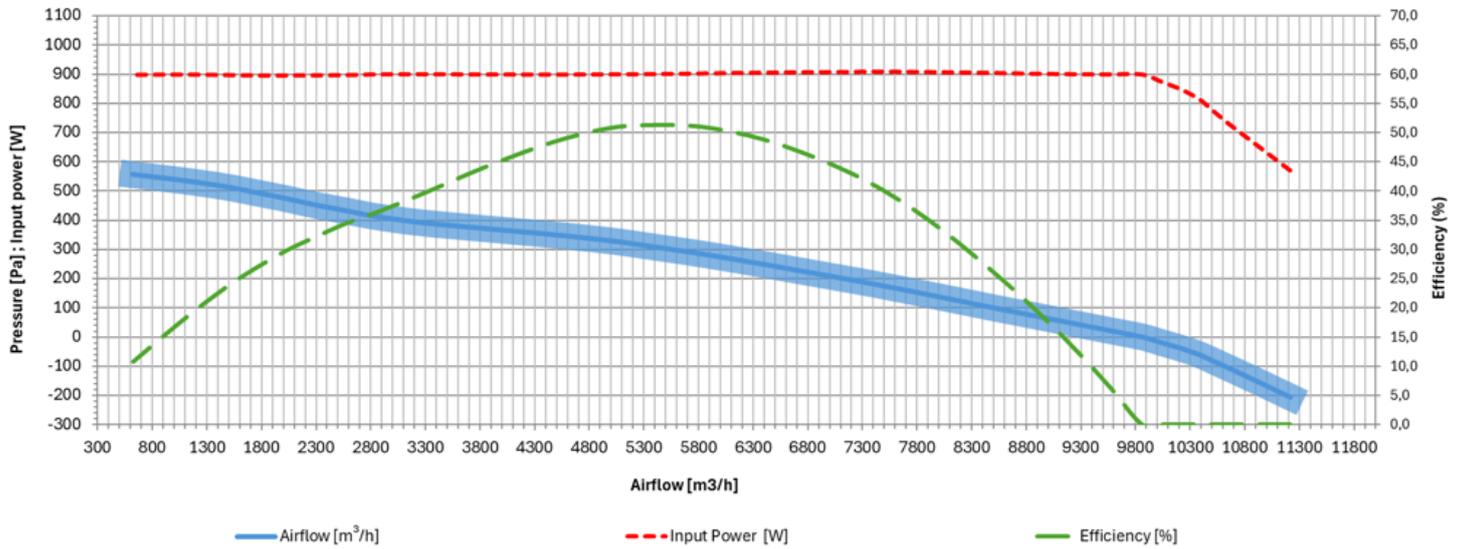
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OUTLINE DRAWING:



PERFORMANCE CURVE:

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



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