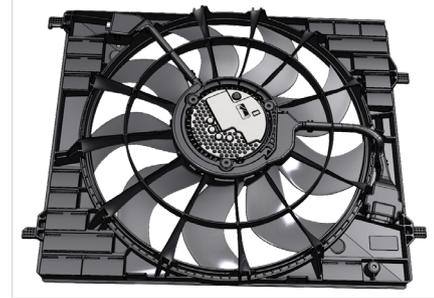


## CHARACTERISTICS:

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 1000-1500W (48V), 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) :	30-56 (48)
Electric power range (W) :	1000 – 1500
Airflow power range (W) :	541 - 800
Motor and Fan length (mm) :	75 - 79
Shroud Dimension (LxH mm) :	552 x 659
Weight (g) :	5700 - 6000
Max Efficiency (%) :	54
Sound Pressure Level (OASPL dBa) :	82,9 - 86
Fan Diameter (mm) :	520
Min fan speed (rpm) :	500
Max fan speed (rpm) :	3100
Temperature full operation range (°C) :	-40-120
Life (h) :	Up to 40000 (depending on life cycle)
Reverse Polarity Protection :	Yes
Thermal Protection :	Yes

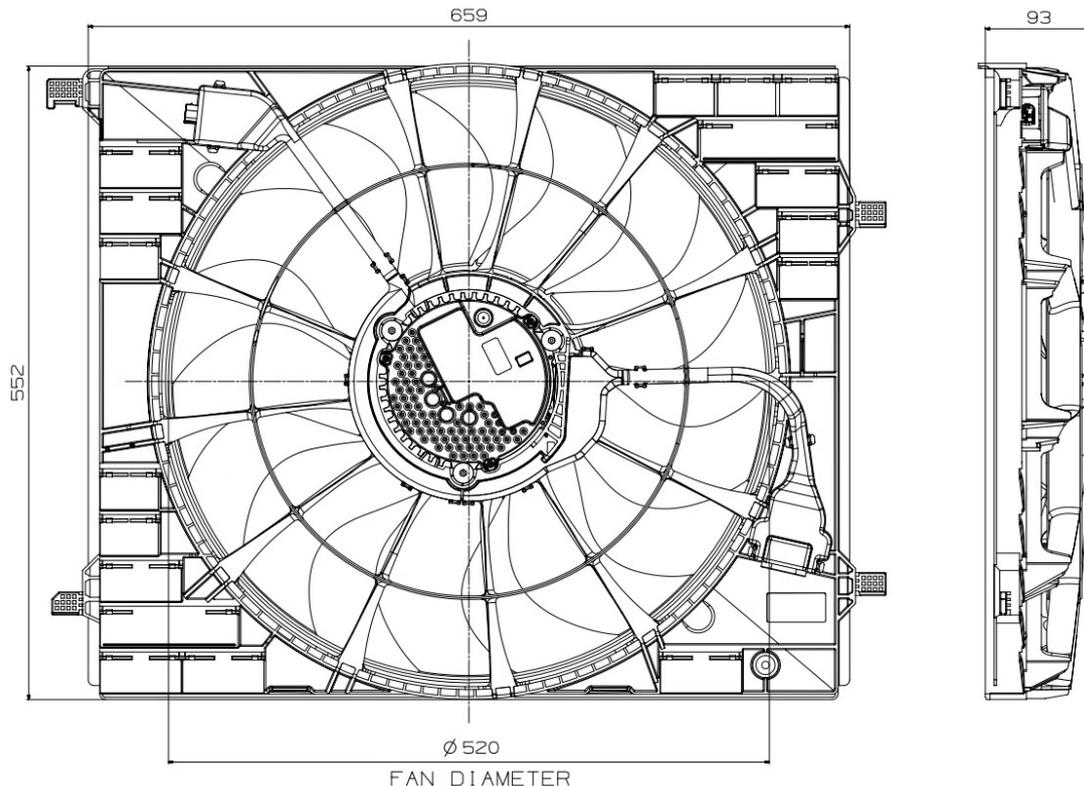
*All data are for reference only. The design is fully customizable.*

## PERFORMANCE DATA:

Density [Kg/m <sup>3</sup> ]	Temp. [°C]	Airflow [m <sup>3</sup> /h]	Pressure head [Pa]	Input Power [W]	Output Power [W]	Efficiency [%]	Voltage [V]	Current [A]	Speed [RPM]
1,168	25	11548	-370	193	-1186	0,0	40	4,8	2917
1,168	25	11164	-299	311	-928	0,0	40	7,7	2916
1,168	25	10772	-229	422	-685	0,0	40	10,5	2915
1,168	25	10359	-158	526	-456	0,0	40	13,0	2914
1,168	25	9906	-88	628	-242	0,0	40	15,6	2914
1,168	25	9390	-18	739	-46	0,0	40	18,4	2916
1,168	25	8933	53	865	131	15,1	40	21,5	2915
1,168	25	8504	123	976	291	29,8	40	24,3	2917
1,168	25	8051	194	1093	433	39,6	40	27,3	2916
1,168	25	7575	264	1180	555	47,1	40	29,5	2918
1,168	25	6926	334	1252	643	51,4	40	31,4	2895
1,168	25	6015	405	1250	676	54,1	40	31,3	2835
1,168	25	4584	475	1250	605	48,4	40	31,3	2804
1,168	25	3289	546	1249	498	39,9	40	31,3	2778
1,168	25	2345	616	1246	401	32,2	40	31,2	2760
1,168	25	1891	651	1247	342	27,4	40	31,2	2771
1,168	25	1357	686	1249	259	20,7	40	31,3	2785
1,168	25	834	722	1249	167	13,4	40	31,3	2781
1,168	25	300	757	1247	63	5,1	40	31,2	2753

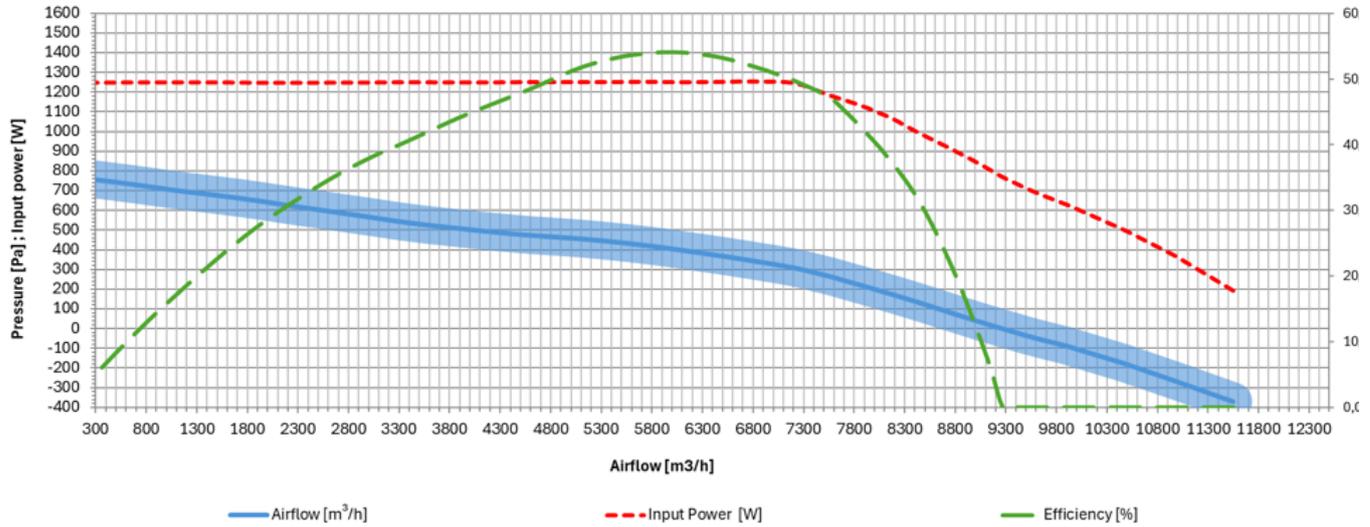
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## OUTLINE DRAWING:



## PERFORMANCE CURVE:

Tested according to ISO-5801 performed @ 25°C with air density of 1,168 Kg/m<sup>3</sup>



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