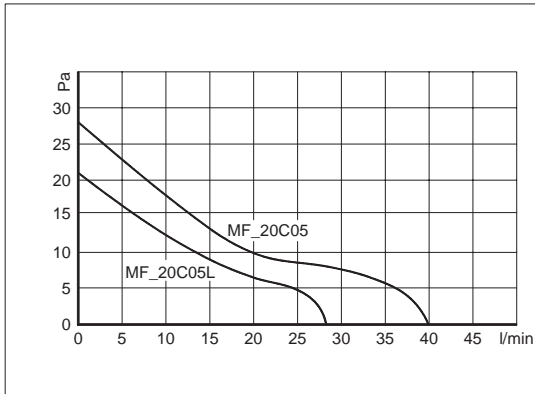


MF\_20C05, MF\_20C05L

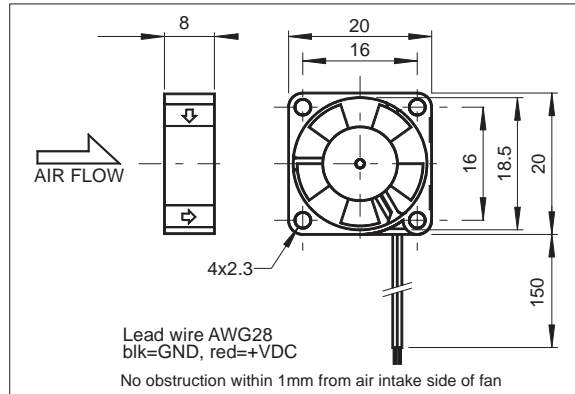
BRUSHLESS, HIGH RELIABILITY FAN



AIR PERFORMANCE



SHAPE AND DIMENSION



## PERFORMANCE

CE	MF_20C05L (standard model)		MF_20C05
	Operating Voltage [V]	4.5 ... 5 ... 5.5	
Operating Current [mA]	80		100
Max. Start Current [mA]	120		200
Max. Air Flow [l/min - m <sup>3</sup> /h]	22 - 1.3		37 - 2.2
Max. Air Pressure [mmH <sub>2</sub> O - Pa]	1.0 - 9.6		1.8 - 18
Typ. Noise @ 1m [dB(A)]	11		18
Rotor Speed [RPM]	7700 ±30%		10500 ±30%
Operating Temperature (non blocking rotor) [°C]	-10...+80		
Life Expectancy L <sub>10</sub> /MTBF [h]	50000/140000@20°C		
Bearing System	Sleeve Bearing		
Weight [g]	3		
Packing Quantity [PCs]	50 - 100 - 500 - 1000		

This **SEPA**<sup>®</sup> high-tech miniature fan is suitable for industrial or automotive use and has a remarkable air flow performance despite its small dimensions. Thanks to the extremely low power input of a mere 0.3 W, this fan is highly suitable for battery-operated devices. It is permanently protected electrically against reverse polarity, blocking and thermal overloading. Due to the low rotor weight and precision balancing, it is virtually vibration-free. It is also insensitive to shock.

Further features of this fan are its extremely robust and torsionally rigid plastic housing of PBT (UL E54695), ball bearings with narrow tolerances of special steel, polyester-based PCB (UL E44247) and absolute reliability due to a 48 hour-duty 100% burn-in.

Technical changes without notice • 05/07