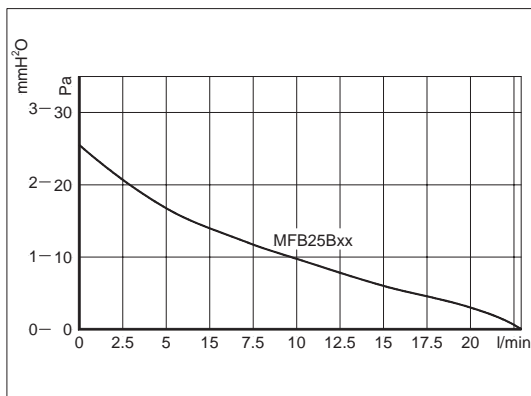


## MFB25B05, MFB25B12

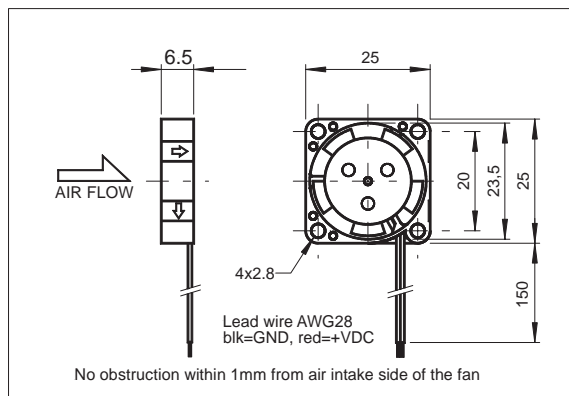
BRUSHLESS, HIGH RELIABILITY FAN



#### AIR PERFORMANCE



#### SHAPE AND DIMENSION



## PERFORMANCE

CE	MFB25B05		MFB25B12	
	Operating Voltage [V]	4.5 ... 5 ... 5.5	9.0 ... 12 ... 13.8	
Operating Current [mA]	60	30		
Max. Start Current [mA]	100	50		
Max. Air Flow [l/min - m <sup>3</sup> /h]	23 - 1.38			
Max. Air Pressure [mmH <sub>2</sub> O - Pa]	2.6 - 25.5			
Typ. Noise @ 1m [dB(A)]	17			
Operating Temperature [°C]	-40...+80 (85)			
Rotor Speed [RPM]	10000			
Life Expectancy L <sub>10</sub> /MTBF [h]	95000/280000@20°C			
Bearing System	ball bearing ZZ			
Weight [g]	5			
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 height of 6.5mm only. Thanks to the extremely low power input 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 bearing with narrow tolerances of special steel, polyester-based PCB (UL E44247) and absolute reliability due to 100% burn-in.

Technical changes without notice • 05/07