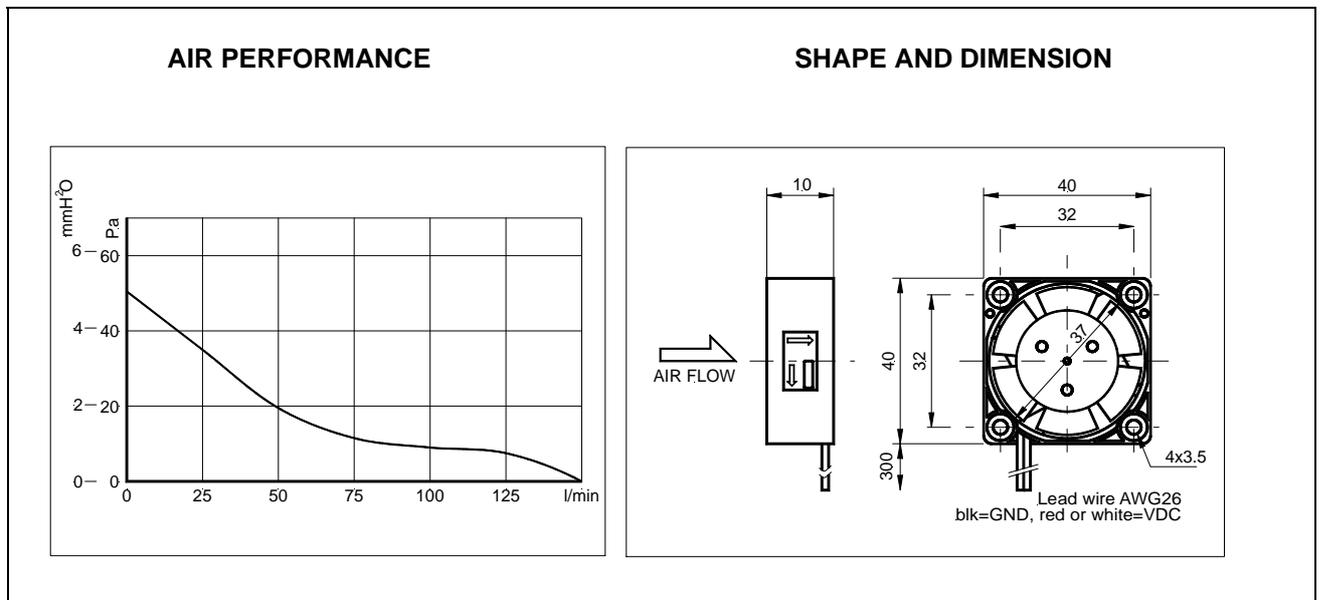


# SEPA<sup>®</sup> BRUSHLESS FAN

MFB40C12H, MFB40C24H



## HIGH RELIABILITY FAN



## PERFORMANCE

CE	MFB40C12H	MFB40C24H
Operating Voltage [V]	10.2 ... 12.0 ... 13.8	20.4 ... 24.0 ... 27.6
Operating Current [mA]	80	40
Max. Start Current [mA]	250	130
Max. Air Flow [l/min - m <sup>3</sup> /h]	150 - 9.0	150 - 9.0
Max. Air Pressure [mmH <sub>2</sub> O - Pa]	5.3 - 52.0	5.3 - 52.0
Typ. Noise @ 1m [dB(A)]	24	24
Operating Temperature [°C]	-10/+70	
Rotor Speed [RPM]	7700	7700
Life Expectancy L <sub>10</sub> /MTBF [h]	95000/280000	
Bearing System	ball bearings in steel flange	
Weight [g]	30	
Packing Quantity [PCs]	50 - 100 - 500	

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. Due to a nearly linear air performance characteristic, the fan is applicable for different uses. 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 100% burn-in.