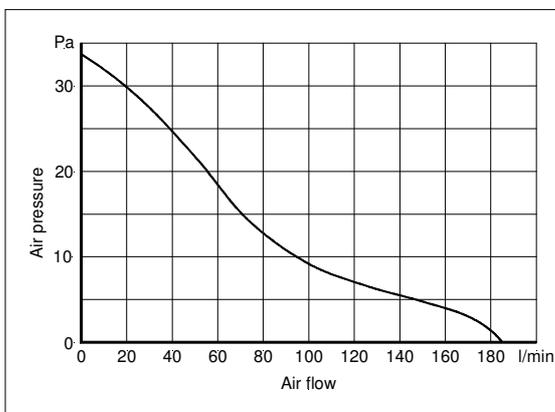


MFB40H24

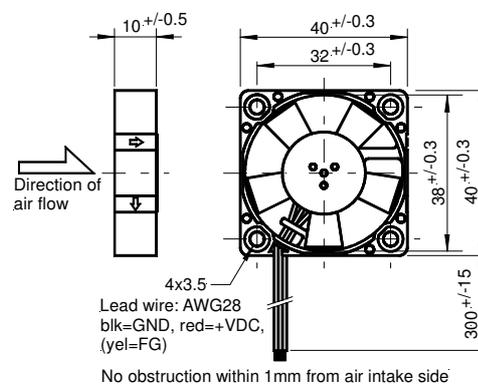
HIGH PERFORMANCE FAN



AIR PERFORMANCE



SHAPE AND DIMENSION



PERFORMANCE

CE		MFB40H24 MFB40H24A
Operating voltage	[VDC]	15 ... 24 ... 26.5
Typ. operating current	[mA]	50
Max. start current	[mA]	110
Max. air flow	[l/min-m ³ /h]	118 – 7.1
Max. air pressure	[Pa-mmH ² O]	33 – 3.4
Typ. noise (1m dist. from air intake side)	[dB(A)]	30
Typ. rotor speed	[RPM]	5800
FG (...A)	[PPR]	2
Operating temperature	[°C]	-10 ... +70
Life expectancy L10/MTBF@ 40°C	[h]	70000/350000
Bearing system		2 ball bearings ZZ
Weight	[g]	13
Standard packing quantity	[Pcs.]	50-100-500

This **SEPA**[®] 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, 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 stiff plastic housing of PBT, ball bearings with narrow tolerances, of special steel, polyester-based PCB and absolute reliability due to a 100% burn-in.

Technical changes without notice • 04/15

MFB40H24

HIGH PERFORMANCE FAN



• ALARM SIGNAL (Optional)

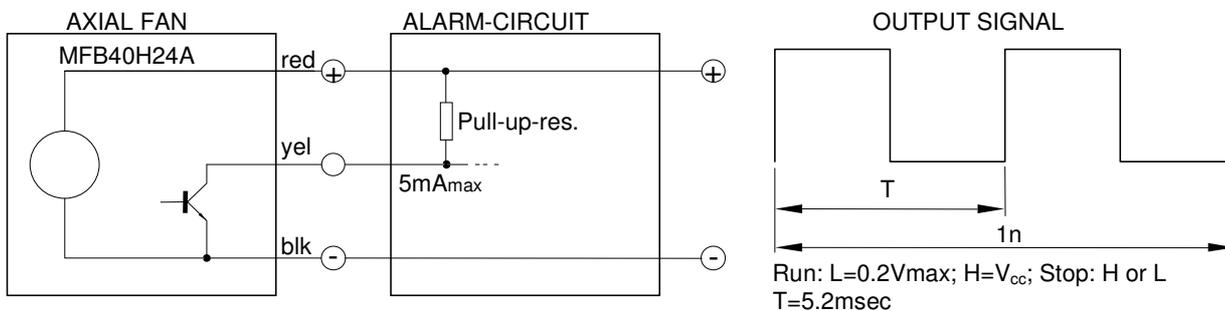
The **SEPA**® fans MFB40H24A include a pulse output, which allows monitoring the correct function of the fan.

The pulse is like a rectangular wave, the frequency correlates to 2x rotor speed. The amplitude appears periodically. At blocked rotor the output signal could be L ($\leq 0,2V$) or H (V_{cc}).

IMPORTANT: The pulse output is not protected against short circuit and must not connect to GND or V_{cc} without pre-resistor. A pull-up-resistor is needed. Do not connect not used pulse output (insolate).

The fans MFB40H24x have tinned lead wire ends (without connector).

Do not touch the rotor! Please note the handling specification!



• ACCESSORIES:

Connector: on request

• ORDER INFORMATION (Delivery time on request)

MFB40H24	SEPA ® Axial fan, 40x40x10mm, 24VDC, Ball bearings, CE ,	514083000
MFB40H24A	SEPA ® Axial fan, 40x40x10mm, 24VDC, Ball bearings, FG, CE ,	514083010

SEPA® is the brand name for fans and CPU-cooler, made by Nippon Keiki Works LTD., Tokyo