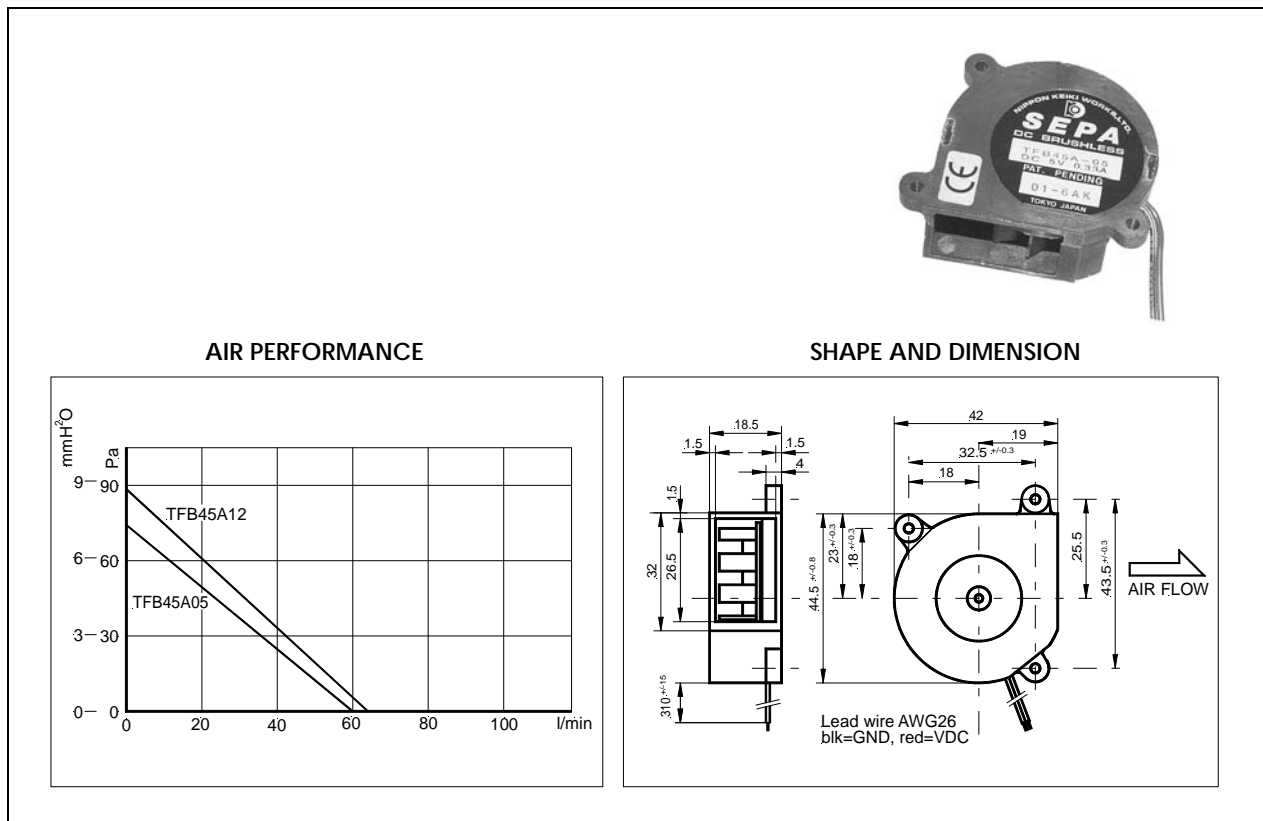


SEPA[®] BRUSHLESS FAN

TFB45A05, TFB45A12



HIGH RELIABILITY FAN



PERFORMANCE

| CE | TFB45A05 | TFB45A12 |
|--|---------------------------------|------------------------|
| Operating Voltage [V] | 4.5 ... 5.0 ... 5.5 | 10.2 ... 12.0 ... 13.8 |
| Operating Current [mA] | 130 | 60 |
| Max. Start Current [mA] | 330 | 170 |
| Max. Air Flow [l/min - m ³ /h] | 62 - 3.7 | 66 - 4.0 |
| Max. Static Pressure [mmH ₂ O - Pa] | 7.6 - 74.6 | 9.0 - 88.3 |
| Typ. Noise @ 1m [dB(A)] | 37 | 40 |
| Operating Temperature Range [°C] | -20 / +70 | |
| Rotor Speed [RPM] | 5800 | 6300 |
| Life Expectancy L ₁₀ /MTBF @ 20°C [h] | 95000 / 280000 | |
| Bearing System | ball bearings ZZ / steel flange | |
| Weight [g] | 25 | |
| Packing Quantity [PCs] | 20 - 40 - 100 - 300 | |

This **SEPA[®]** turbo fan is suitable for industrial use and has a remarkable air flow performance despite its small dimensions. Due to the 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.