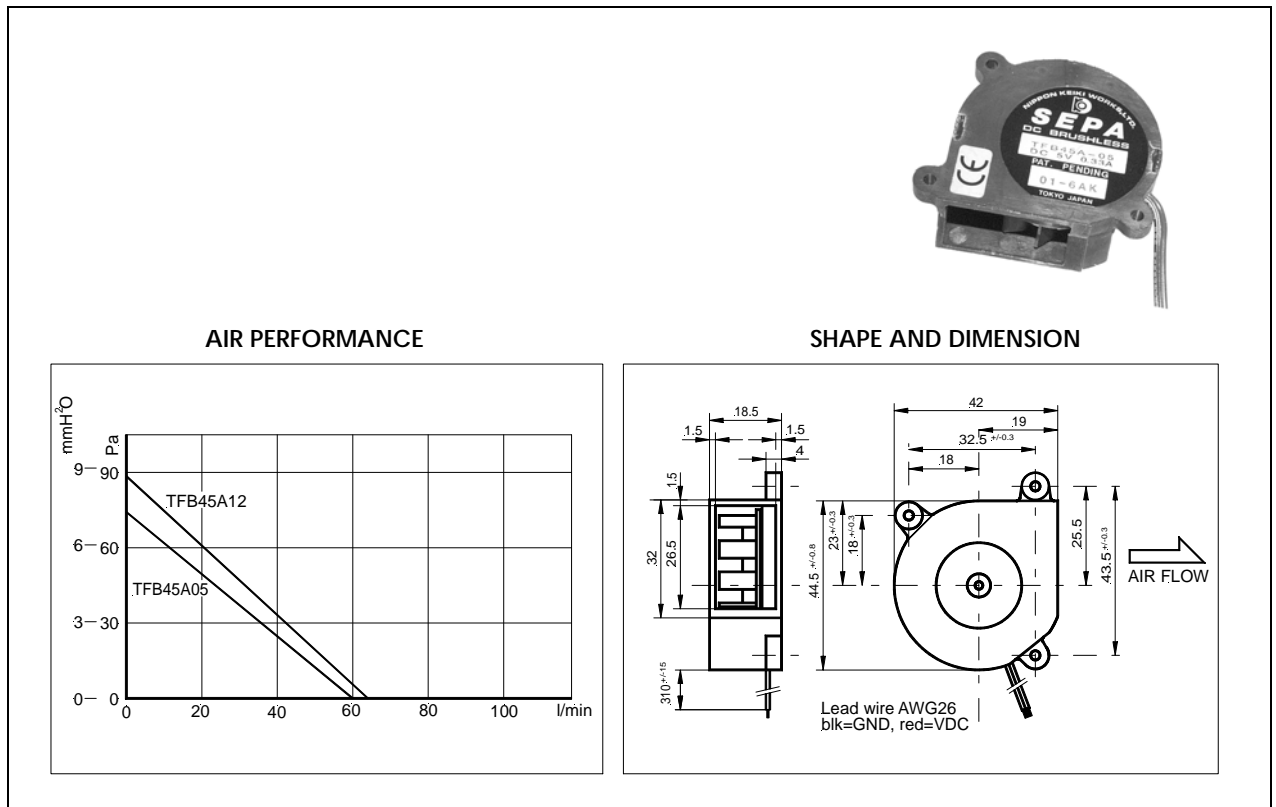


TFB45A05, TFB45A12



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.