



R4E355-AK05-06 ebmpapst

Brand: ebmpapst

SKU: R4E355-AK05-06

Category: AC Fans

URL: <https://www.fansco.com/item/r4e355-ak05-06-ebmpapst/>

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Product Description

R4E355-AK05-06 ebmpapst 230VAC 360x167mm Ball 260W 1600RPM 6 Wire Leads with Splice Terminals Motorized Impellers Capacitor, Thermal Overload Protector (TOP) AC Fan

The R4E355-AK05-06 is a single-phase AC centrifugal fan with backward-curved blades and a single-intake design, featuring the motor model M4E074-EI. It operates at a nominal voltage of 230 VAC with frequencies of 50 Hz (1400 rpm, 180 W power consumption, 0.8 A current draw, 1.95 A starting current) and 60 Hz (1600 rpm, 260 W power consumption, 1.14 A current draw, 1.8 A starting current), both using a 6 µF capacitor rated for 450 VDB. The fan has a minimum back pressure of 0 Pa (0 inH₂O), with ambient temperature ranges of -25°C to 55°C (for 50 Hz) and -25°C to 40°C (for 60 Hz). Physically, it weighs 4.7 kg with a 355 mm fan size, a black-painted rotor surface, a sheet aluminum impeller with 6 blades, and a clockwise rotation when viewed toward the rotor. It features an IP00 degree of protection, "B" insulation class, F5 moisture/environmental protection class, and can withstand motor storage temperatures from -40°C to +80°C. Designed for horizontal shaft or rotor-down installation (rotor-up on request) with no condensation drainage holes, it operates in S1 continuous duty mode using ball bearings, has a touch current below 0.75 mA (IEC 60990, TN system), and includes a thermal overload protector (TOP) with basic insulation. Class I protected (requiring customer protective earth connection), it complies with EN 60335-1 standards.

Technical Specifications

Attribute	Value
Part Number	R4E355-AK05-06
Manufacturer	ebm-papst
Series	R4E355
Fan Type	AC
Voltage Rating	230 VAC
Dimensions	360x167 mm
Bearing Type	Ball Bearing
Subcategory	Motorized Impellers

Features	Capacitor, Thermal Overload Protector (TOP)
Power Rating	260 W
Fan Speed	1600 RPM
Termination	6 Wire Leads with Splice Terminals
Operating Temperature	-13 ~ 104°F (-25 ~ 40°C)
Approval Agency	CCC





