



R4D400-AL17-05 ebmpapst

Brand: ebmpapst

SKU: R4D400-AL17-05

Category: Centrifugal Fans

URL: <https://www.fansco.com/item/r4d400-al17-05-ebmpapst/>

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Product Description

R4D400-AL17-05 ebmpapst 400mm 1.01A/1.22A 400VAC/480VAC 450W/740W 1405RPM/1655RPM Ball Bearing IP54 centrifugal fan

Product R4D400-AL17-05 is an AC centrifugal fan manufactured by ebm-papst. It features a 400mm backward-curved aluminum impeller suitable for single-side inlet applications and weighs approximately 14.5kg. Equipped with an M4D110-GF motor, this fan supports 400/480V AC voltage and 50/60Hz frequency with three-phase power supply. Its performance parameters include a speed of 1405 RPM, 450W power, and 1.01A current at 50Hz, and 1655 RPM speed, 740W power, and 1.22A current at 60Hz; it is capable of operating against higher static pressure, for instance, providing approximately 1830 m³/h airflow at 400 Pa static pressure at 50Hz. The fan rotates clockwise, has an IP54 protection rating, insulation class "F", Protection Class I, built-in thermal overload protection, and is suitable for continuous operation and installation with the shaft horizontal or rotor at the bottom, featuring condensation drainage holes on the rotor side. It complies with certifications such as CE, VDE, CCC, and EAC, and is specified for an ambient temperature range of -40°C to 100°C (specific operating temperature range should be verified with official data). This fan is a robust solution often used in applications requiring overcoming system resistance, such as inverter cabinets, electrical cabinet cooling, and industrial ventilation systems.

Technical Specifications

Attribute	Value
Model	R4D400-AL17-05
Manufacturer	ebm-papst
Motor	M4D110-GF
Dimensions	400 mm
Bearing Type	Ball Bearing
IP Rating	IP54
Current Rating	1.01 A 1.22 A
Fan Type	AC

Voltage Rating	400 VAC 480 VAC
Power Rating	450 W 740 W
Fan Speed	1405 RPM 1655 RPM
Termination	4 Wire Leads
Subcategory	AC centrifugal fan





