



DV5214N ebmpapst

Brand: ebmpapst

SKU: DV5214N

Category: Diagonal compact fans

URL: <https://www.fansco.com/item/dv5214n-ebmpapst/>

Contact: sales@fansco.com

Product Description

DV5214N ebmpapst DC24V 0.85A 20.4W 5000RPM 127×127×38mm 270m³/h 16~30V 2-Wire Leads diagonal compact fan

The DV5214N is a DC diagonal compact fan from ebm-papst (S-series with sickle-shaped blade design), designed for high-airflow heat dissipation scenarios. Its electrical parameters include a 24VDC nominal voltage (16–30VDC wide voltage range), 5000rpm speed, 20.4W power consumption, and an operating temperature range of -20°C to 65°C, delivering 270m³/h air flow with a sound power level of 6.4B and sound pressure level of 56dB(A). With dimensions of 127x127x38mm and a weight of 0.415kg, it features a glass-fiber reinforced PBT plastic housing and glass-fiber reinforced PA plastic impeller, with airflow directed as exhaust over struts and a counterclockwise rotation (when viewed toward the rotor). Equipped with ball bearings, it offers L10 service life of 70,000 hours at 40°C and 40,000 hours at maximum temperature. The fan comes with AWG22 stripped and tin-plated leads, supports reverse polarity and blocked rotor protection (with electronic overload protection), and is certified by VDE, CSA, UL, CE, etc., with an optional speed signal function. Suitable for industrial equipment and compact spaces requiring high heat dissipation.

Technical Specifications

| Attribute | Value |
|----------------------------|-------------------------|
| Part Number | DV5214N |
| Manufacturer | ebm-papst |
| Fan Speed | 5000 RPM |
| Air Flow | 158.9 CFM |
| Voltage Range | 16~30V |
| Fan Type | DC |
| Air Flow (m ³) | 4.45m ³ /min |
| Series | DV5200 |
| Voltage Rating | 24 VDC |
| Bearing Type | Ball Bearing |
| Power Rating | 20.4 W |
| Termination | 2 Wire Leads |

