

RER190-39/14/2TDLOU-723 ebm-papst 24VDC 190mm Centrifugal Fan Datasheet



Brand: ebmpapst

SKU: 948311322542

Category: Axial & Centrifugal Fans

Price: **\$198.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/rer190-39-14-2tdlou-723-ebm-papst-24vdc-190mm-centrifugal-fan>

Product Description

The ebm-papst RER190-39/14/2TDLOU-723 is a high-efficiency DC centrifugal fan engineered for critical industrial thermal management. Designed with a backward-curved motorized impeller, this unit delivers superior aerodynamic performance while maintaining structural rigidity under high-stress conditions. The motor architecture incorporates precision ball bearings and advanced commutation electronics to minimize thermal impedance and extend operational service life. Featuring a robust construction with an IP68 ingress protection rating, the fan is fully sealed against dust and continuous submersion in water, making it suitable for the most demanding environments. Its wide voltage input range and high power density ensure reliable airflow delivery in systems requiring consistent static pressure and rapid heat dissipation.

Model Number: RER190-39/14/2TDLOU-723

Brand: ebm-papst

Product Type: DC Centrifugal Fan / Motorized Impeller

Rated Voltage: 24 VDC

Voltage Range: 16.0 - 30.0 VDC

Rated Current: 2.42 A (2420 mA)

Power Consumption: 58 W

Impeller Diameter: 190 mm

Ingress Protection: IP68

Bearing Type: Ball Bearing

Motor Technology: Electronically Commutated (EC) DC

Direction of Airflow: Centrifugal

Impeller Material: Glass-fiber reinforced plastic (PA)

Housing Material: Die-cast Aluminum

Operating Temperature: -20°C to +70°C

Mounting Orientation: Any

Protection Class: III

Motor Protection: Reverse Polarity, Locked Rotor Protection

Application: Industrial Automation, Robotics

The RER190-39/14/2TDLOU-723 is specifically configured for integration into heavy-duty industrial automation systems, including KUKA robotics controllers and power supply units where reliability is non-negotiable. Its IP68 rating allows the RER190-39/14/2TDLOU-723 to operate effectively in outdoor telecommunications cabinets and CNC machinery exposed to coolants, ensuring critical components remain within safe thermal operating limits.

Supplemental Images

