



RER190-39/14/2TDMO ebmpapst

Brand: ebmpapst

SKU: RER190-39/14/2TDMO

Category: Centrifugal compact fans

URL: <https://www.fansco.com/item/rer190-39-14-2tdmo-ebmpapst/>

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Product Description

RER190-39/14/2TDMO ebmpapst DC 24VDC 3900RPM 860m3/h 16~36V 110W centrifugal compact fan
9595420202

The RER 190-39/14/2TDMO is a DC centrifugal fan by ebm-papst, engineered for high-airflow heat dissipation scenarios. It features a 24VDC nominal voltage (16-36VDC wide voltage range), 3900rpm speed, 110W power consumption, and an operating temperature range of -20°C to 65°C, delivering 860m³/h air flow with a sound power level of 7.9B. Mechanically, it has a $\phi 190 \times 69$ mm size and weighs 0.87kg, with a glass-fiber reinforced plastic impeller, axial intake/radial discharge airflow, and clockwise rotation (when viewed toward the rotor). Equipped with ball bearings, it offers L10 service life of 52,500 hours at 40°C and 30,000 hours at maximum temperature. Cables support AWG 18/20/22 specifications with speed signal and control input lines. Technically, it uses a three-phase fan drive and backward-curved Radial impeller for smooth, high-efficiency operation, suitable for industrial equipment and ventilation systems requiring high pressure and large flow rates.

Technical Specifications

Attribute	Value
Part Number	RER190-39/14/2TDMO
Manufacturer	ebm-papst
Fan Speed	3900 RPM
Air Flow	506 CFM
Voltage Range	16~36V
Fan Type	DC
Air Flow (m3)	14.17m³/min
Series	RER190TD, SForce
Dimensions	190x69 mm
Voltage Rating	24 VDC
Bearing Type	Ball Bearing
Features	PWM Control, Speed Sensor (Tach)

Power Rating	110 W
Termination	4 Wire Leads
Operating Temperature	-4 ~ 149°F (-20 ~ 65°C)
Weight	1.9 lbs (900.0 g)
Subcategory	Motorized Impellers
Material - Blade	Plastic, Fiberglass Reinforced
RoHS Status	ROHS3 Compliant
REACH Status	REACH Unaffected
Approval Agency	CCC CE CSA EAC UL VDE



