

AAP-CF-5E Alemlube Automotive Premium High Volume Low Speed Workshop Ceiling 5.5m Industrial & Commercial Fan



July 2023

SPECIFICATIONS, FEATURES & BENEFITS

Fan Blade

- High strength aircraft aluminium alloy: AA6063T6511, PVFD processed on surface
- Patented airfoil design with special reinforcing rib support system increases the strength of the fan blades & avoids the fantail from sagging and fatigue of connecting components

Driving Device

- Imported German 'NORD' coaxial bevel wheel decelerator with 40mm diameter axle to decrease radial force
- Imported German 'Simrit' double oil seal design resulting in increased durability & reliability
- 'Shell' brand 'Omala' S4 lubrication oil, resulting in over 20,000 hours of zero maintenance
- IE2 high efficient motor with imported 'SKF-VL' bearing, saving up to 5 to 10% more than IE1
- PMSM (Permanent Magnet Synchronous Motor) technology with high efficiency & long service time
- Compact & light design with no space limitation and easy to install.
- Direct drive without gear & lubrication oil replacement, essentially silent and maintenance free

Hub

- Innovative double chassis design, increased durability & steadiness
- Imported aeronautic aluminium alloy (Aa7075)
- Forged by 1000T machine with 570Mpa extension strength
- T6 heat processing

- HVLS - High volume low speed - distributes high volume air at a slow speed
- Distribute large amounts of air to cool the work environment & employees over large areas
- Displace fumes & workshop odours to maintain a comfortable and healthy work area using a low operating cost and safe cooling device
- 6 blades for increased airflow 10,500m³/min
- 5.5m blade diameter
- 20 to 63rpm
- Maximum noise output of 43dBA
- 1.5kw motor power, Weight of 110kg
- 1,050sqm application area
- Compliant with Australian Standards
- Manufactured to stringent European CE Standards
- Installed in spaces higher than 4m ceiling height



Manufacturing Facilities



Workshops

