

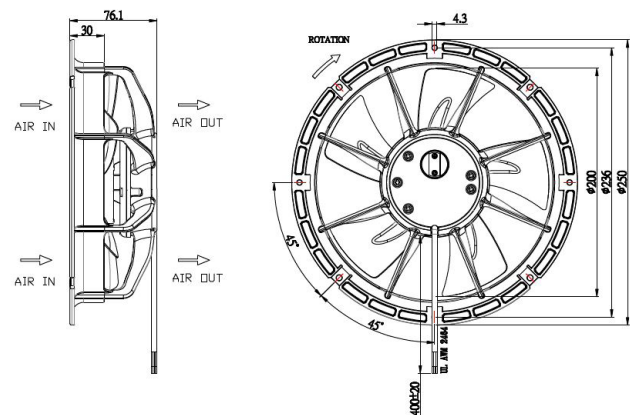


Datasheet

RS PRO AC AXIAL FAN 250×76mm, EC DUAL SPEED MOTOR

Stock number: 175-9838

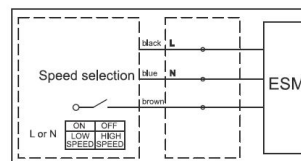
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Frame	PBT UL94V-0 Plastic	<u>Operating Temperature</u> Ball Bearing -25C ~ +50C (non-condensing) Storage Temp -40C ~ +80C	<p>Performance Curves</p> <p>The graph shows two curves: 1 (50 Hz) and 2 (60 Hz). Curve 1 starts at approximately 0.45 inHg at 0 CFM and drops to 0 at 450 CFM. Curve 2 starts at approximately 0.35 inHg at 0 CFM and drops to 0 at 450 CFM.</p>
Impeller	Metal		
Connection	3x Lead wires Black (line), Blue (neutral), Brown (speed)	<u>Life Expectancy</u> Ball Bearing 60,000 hours (L10 at 40C)	
Motor	Brushless EC motor, electronically protected	IP55 Rated	
Bearing System	Dual ball bearing	Weight: ~ 0.998 Kgs (2.2 lbs)	
Insulation Resistance	>100M ohm between lead-wire and frame (500VDC)		
Dielectric Strength	1 min at 1500 VAC, 50/60Hz		

Model Number	175-9838
Nominal Voltage	230 VAC
Rated Power	8.5 / 27
Rated Speed (RPM)	1400 / 2200
Airflow - CFM	290 / 460
Noise Level - (dB)	44 / 55
Max. Static Pressure	0.28" / 0.46" H ₂ O

MOTOR WIRING DIAGRAMS



* Note: Speed (RPM) can be factory programmed. Noise, power, and static pressure values will change per requirement