

Model Information



MD175SAP



MD180FAP



MD254GAN



MD280GAN

General description:

- Motor: Microprocessor programmable cpu controlled brushless DC, auto restart, polarity protected
- Frame: Aluminum die cast, black color cosmetics or natural aluminum treatment
- Impeller: Steel metal fan blades integrantly spot welded into rotor for high efficiency
- Bearing System: Two high precision permanently lubricated ball bearings
- Operating Temp: Ambient non-condensing acceptable range -30C~+80C
- L10 Life: Normally 80k hours at 25C, 40k hours at 65C
- Dielectric Strength: Over 1 sec. at 500VAC, maximum leakage 500 micro Amp
- Connection: Wire leads or push-in terminal pin connecting for option

MD 175S AP - 48 H W B 7 (F)

Series Name
MD-Metal blades

Frame Size(mm)
 173 : 172x150x38/6x1.5" (270~130CFM)
 175S : 172x150x51/6x2" (325~150CFM)
 175R : Dia.172x51/6.8x2" (325~145CFM)
 175E : 172x150x55/6x2.2" (325~155CFM)
 180F : 180x180x65/7x2.5" (480~220CFM)
 180G : 176x176x89/7x3.5" (485~235CFM)
 200R : Dia.200x70/7.8x2.8" (510~300CFM)
 254 : Dia.254x89/10x3.5" (820~330CFM)
 254G : Dia.254x89/10x3.5" (1030~680CFM)
 280G : 280x280x89/11x3.5" (1200~780CFM)

Frame
 AN-Aluminum Natural Treatment
 AP-Aluminum Black
 ZN-Zinc Natural Treatment
 ZP-Zinc Black

Voltage(VDC)
 12-12V
 24-24V
 48-48V

Conncting
 W-Wire leads
 T-Terminal
 Push-in pins
 or Terminal
 block

Speed
 SH-Super High
 HH-Extra High
 H-High
 M-Medium
 L-Low

Bearing
 B-Two Ball
 Bearings
 S-Sleeve
 Bearings

Function
 F-F/G Tachometer
 R-R/D Alarm

Speed Controls
 C-S/C Thermal Speed
 Control
 P-PWM,Pulse Width
 Modulation
 V-S/V Control Voltage
 Speed setting

**Numbers of
Blades**
 Blank space-5 blades
 3-3 blades
 7-7 blades
 9-9 blades
 42-42 blades