

General Specifications

Motor Protection: Auto Restart / Polarity Protection
Insulation Resistance: 10M Ohm or over with a DC500V Megger
Dielectric Withstand Voltage: AC 700V 1st
Allowable Ambient Temperature Range:
-10 degree C ~ +70 degree C (Operating)
-40 degree C ~ +70 degree C (Storage)
(non-condensing environment)

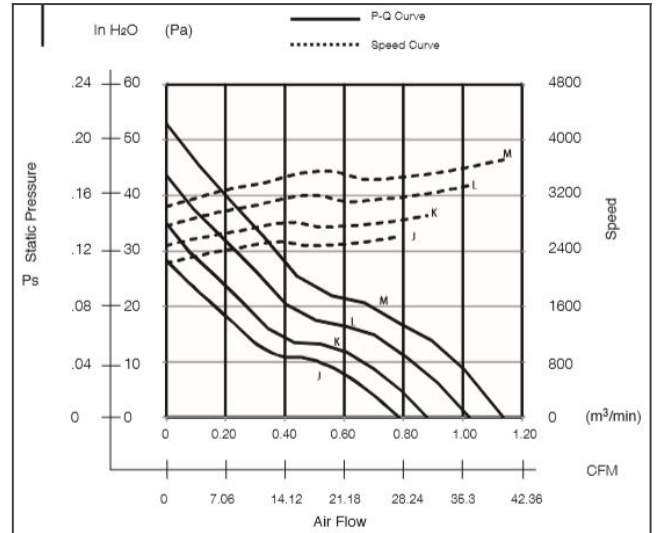
Material

Casing: Plastic (Black) UL94V-0
Impeller: Plastic (Black) UL94V-0
Lead Wire: UL3385, AWG26, +Red, -Black

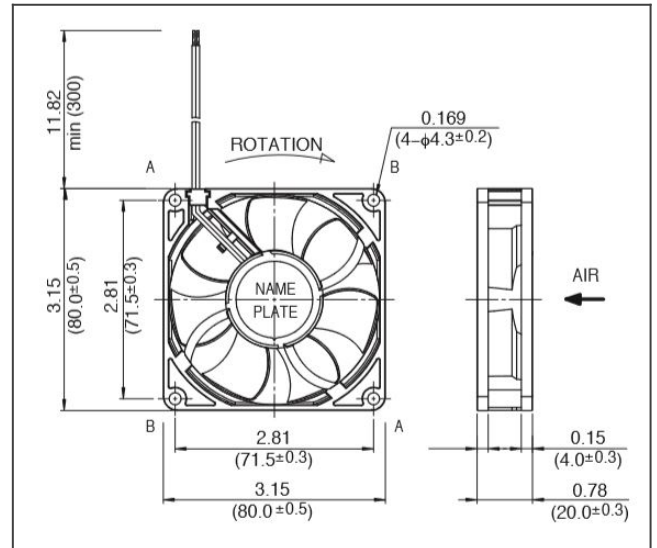
order part 08020SA-12J-AL-00 Ball Bearing Fan DC Fans



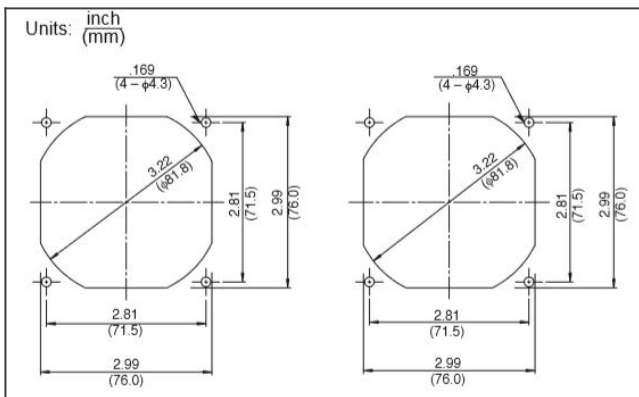
08020SA characteristic curve



08020SA product drawing



08020SA panel cut out



Detailed Specifications

Expected Life:	60 degree C 40,000 Hours (L10)
Nominal Voltage:	12[V]
Operating Voltage Lower:	6[V]
Operating Voltage Upper:	13.8[V]
Current:	0.05[A]
Input Power:	0.6[W]
Speed:	2600[min^{-1}]
Max. Air Flow:	0.78[m ³ /min]
Max. Air Flow:	27.5[CFM]
Max. Static Pressure:	28.3[Pa]
Max. Static Pressure:	0.11[In H ₂ O]
Noise:	27[dB]
Mass:	80[g]
Fan Size:	80[mm]
Fan Width:	20[mm]
Life Expectancy L10:	60 degree C 40,000 Hours (L10)
DC Fan:	Ball Bearing Fan
Series:	08020SA

DC Fans