

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)

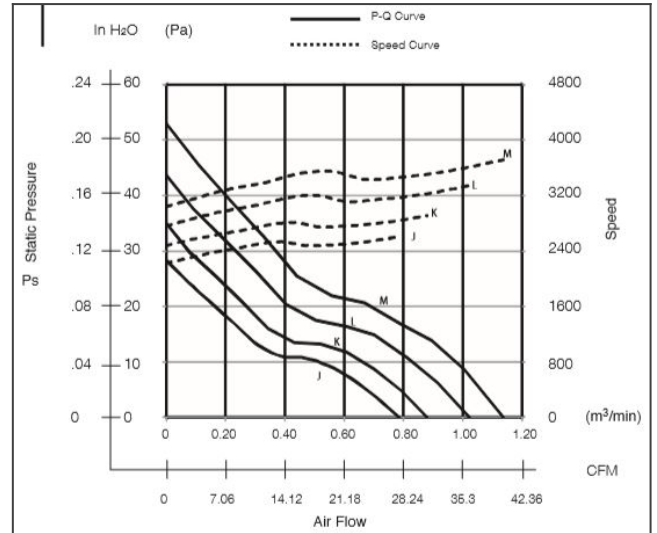
Material

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

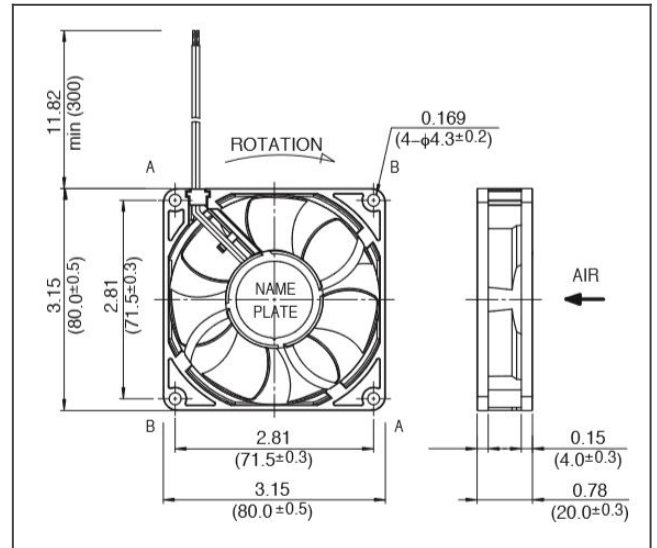
order part 08020SA-12L-AL-00 Ball Bearing Fan DC Fans



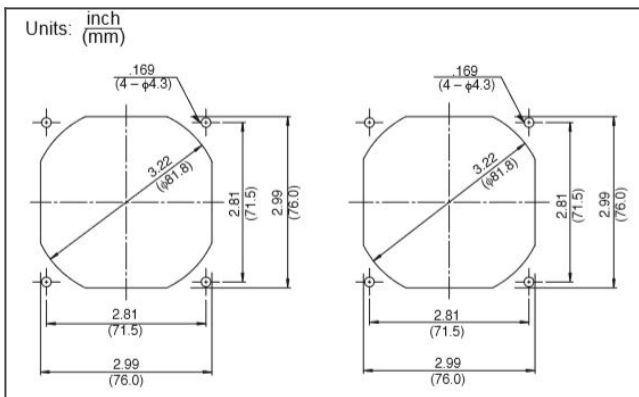
08020SA characteristic curve



08020SA product drawing



08020SA panel cut out



Detailed Specifications

DC Fans

Expected Life:	60 degree C 40,000 Hours (L10)
DC Fan:	Ball Bearing Fan
Nominal Voltage:	12[V]
Operating Voltage Lower:	6[V]
Operating Voltage Upper:	13.8[V]
Current:	0.09[A]
Input Power:	1.1[W]
Speed:	3300[min^{-1}]
Max. Air Flow:	1.02[m^3/min]
Max. Air Flow:	36[CFM]
Max. Static Pressure:	43.6[Pa]
Max. Static Pressure:	0.17[In H ₂ O]
Noise:	34[dB]
Mass:	80[g]
Fan Size:	80[mm]
Fan Width:	20[mm]
Life Expectancy L10:	60 degree C 40,000 Hours (L10)
Series:	08020SA