General Specifications

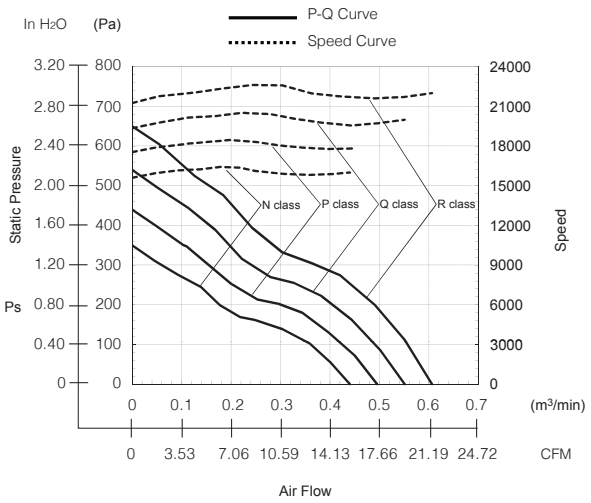
Motor Protection:
Auto Restart/Polarity Protection

Insulation Resistance:
10M Ω or over with a DC500V Megger

Dielectric Withstand Voltage: AC 700V 1s

Allowable Ambient Temperature Range:
-10°C ~ +70°C (Operating)
-40°C ~ +70°C (Storage)
(non-condensing environment)

Characteristic Curves



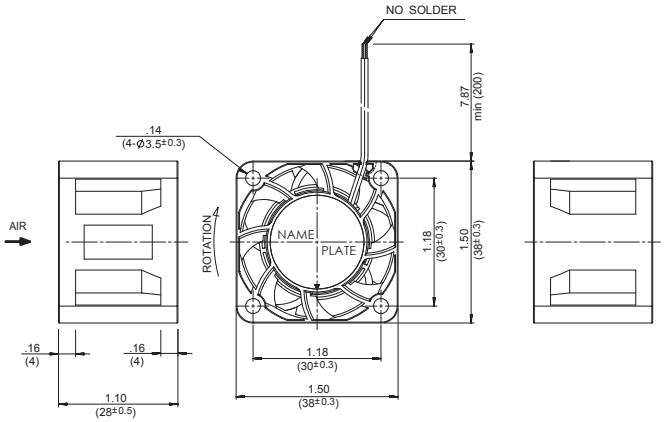
Expected Life

40°C 70,000 Hours (L10)

Material

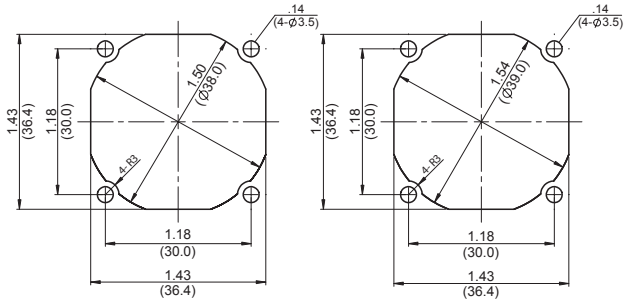
Casing : Plastic (Black) UL94V-0
Impeller : Plastic (Black) UL94V-0
Bearing : Ball Bearing
Lead Wire : UL10368, AWG26, +Red, -Black

Outline



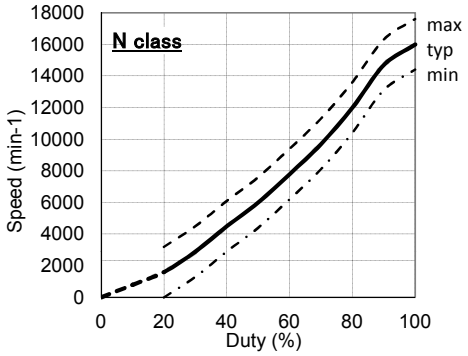
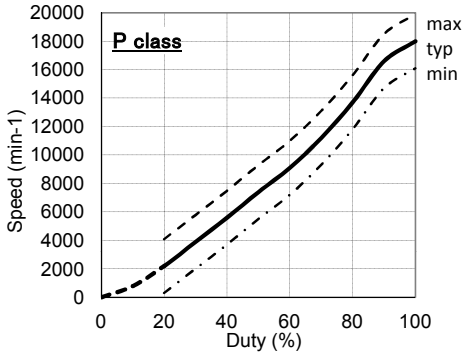
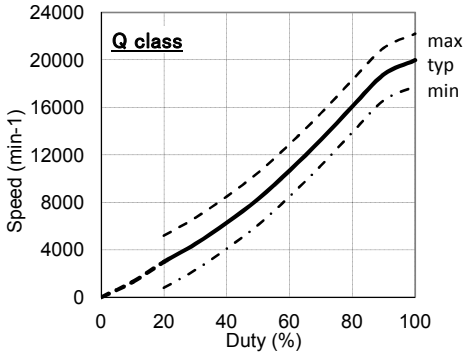
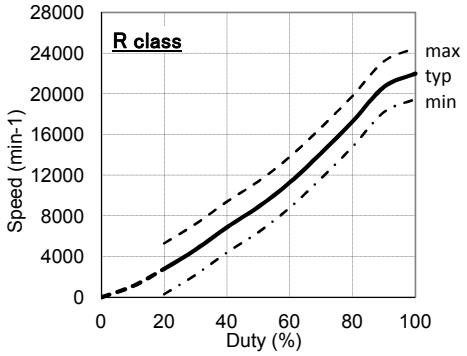
Panel Cut-Outs

Units: inch (mm)



Specifications

MODEL	Rated Voltage	Operating Voltage	Current	Input Power	Speed	Max. Air Flow		Max. Static Pressure		Noise	Mass
	(V)	(V)	(A)*1	(W)*1	(min-1)*1	CFM*1	(m3/min)*1	in H2O	(Pa)*1	(dB)*1	(g)
03828DA-12N-AA-00	12	7.0 ~ 13.2	0.30	3.60	16000	15.54	0.44	1.41	350	49.0	47
03828DA-12P-AA-00	12	7.0 ~ 13.2	0.37	4.44	18000	17.66	0.50	1.77	440	52.0	47
03828DA-12Q-AA-00	12	7.0 ~ 13.2	0.49	5.88	20000	14.42	0.55	2.17	540	55.0	47
03828DA-12R-AA-00	12	7.0 ~ 13.2	0.63	7.56	22000	21.54	0.61	2.61	650	58.0	47
03828DA-12R-AU-00**	12	7.0 ~ 13.2	0.63	7.56	22000	21.54	0.61	2.61	650	58.0	47

Rotation: Clockwise Airflow Outlet: Air Out Over Struts *1: Average Values in Free Air **Note: PWM/Locked Rotor/Tach Available

Reference PWM Duty Vs. Speed Curve