General Specifications

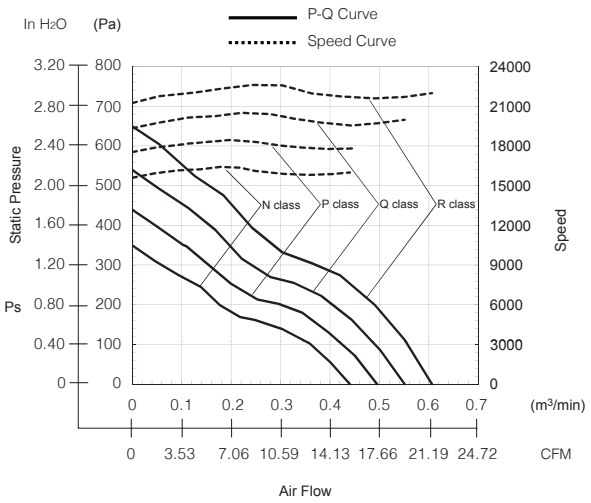
Motor Protection:
Auto Restart/Polarity Protection

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



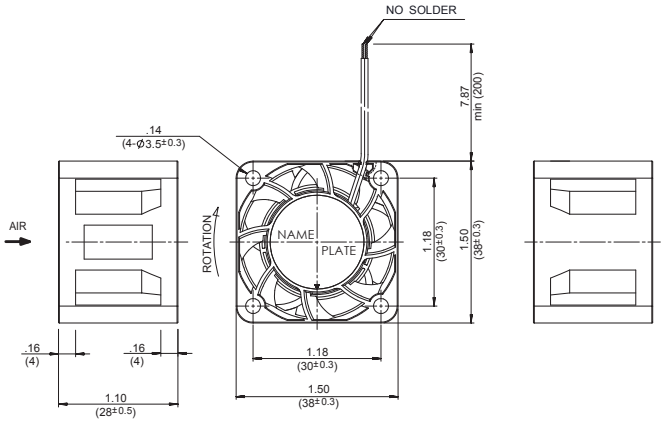
Expected Life

40°C	70,000 Hours (L10)

Material

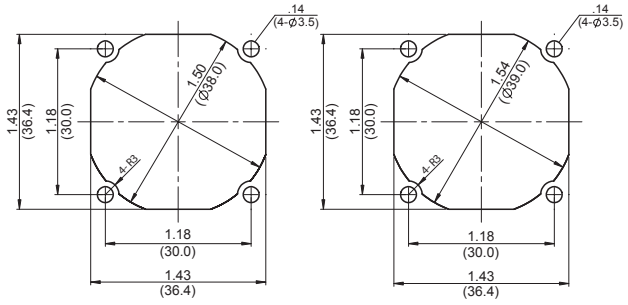
Casing : Plastic (Black) UL94V-0
Impeller : Plastic (Black) UL94V-0
Bearing : Ball Bearing
Lead Wire : UL10368, AWG26, +Red, -Black

Outline



Panel Cut-Outs

Units: inch (mm)

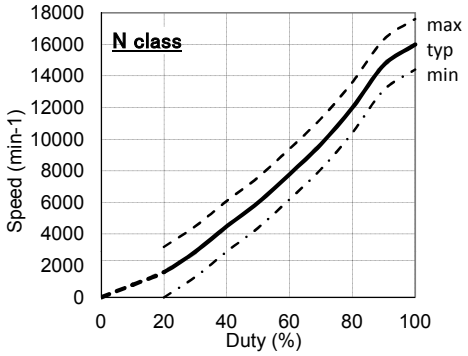


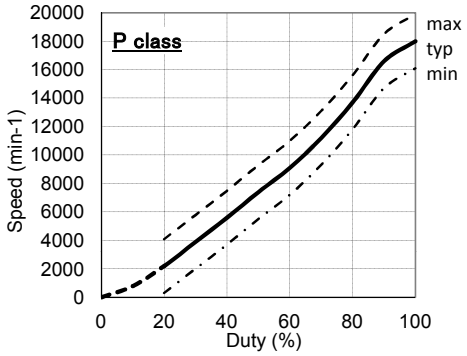
Specifications

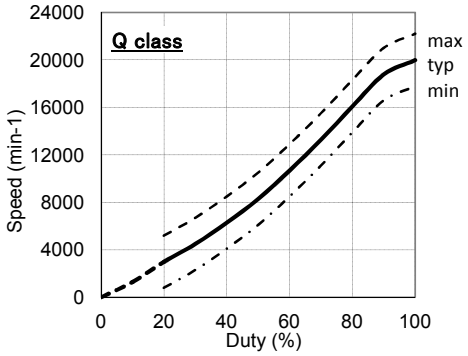
MODEL	Rated Voltage	Operating Voltage	Current	Input Power	Speed	Max. Air Flow		Max. Static Pressure		Noise	Mass
	(V)	(V)	(A)*1	(W)*1	(min-1)*1	CFM*1	(m3/min)*1	in H2O	(Pa)*1	(dB)*1	(g)
03828DA-12N-AA-00	12	7.0 ~ 13.2	0.30	3.60	16000	15.54	0.44	1.41	350	49.0	47
03828DA-12P-AA-00	12	7.0 ~ 13.2	0.37	4.44	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	19.42	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

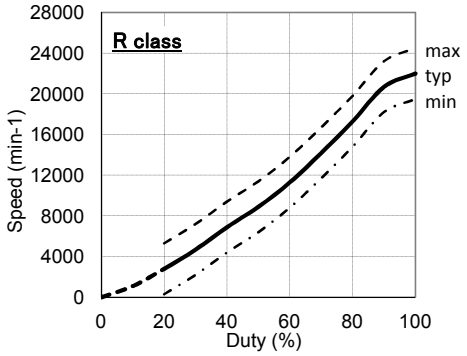
Rotation: Clockwise Airflow Outlet: Air Out Over Struts *1: Average Values in Free Air **Note: PWM/Locked Rotor/Tach Available

Reference PWM Duty Vs. Speed Curve









Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

NMB Technologies:

04020VA-24N-AA-00 09225PB-A1L-EA-00 12038VE-24R-GT-E0 R200A4-051-D0550 07530GA-12K-AA-00 11938MB-B3L-EA-00 R172H1-051-D0760 09225SA-24M-EA-D0 DDRI1438HHRA5P24LY121 03828DA-12R-AU-00 06020SA-24L-AA-00 07530GA-24M-AA-00 08025VE-12P-GT-D0 11938MB-B0N-EA-00 06025DE-12R-CU-06 11925PB-B3L-EA-00 11938MA-24P-GA-00 15050VA-24N-EA-00 04020VA-24P-AL-00 06025SA-24T-AA-D0 17250VE-24R-GT-00 17250VE-48R-GT-00 DDLF-1260ZZP24LY121 DDRIF814ZZMTRA5P24LY121 06025VG-12Q-ZT-A0 06030PB-A1L-AA-00 DDL-310HA1P25LO1 08028GS-12N-AA-00 06076EA-12S-E6-0C 11938FB-A1N-EA-00