



1238-7

BRUSHLESS DC AXIAL FAN
INTELLIGENT MOTION SERIES

120 x 120 x 38mm (4.72 x 4.72 x 1.50in)

5V, 12V, 24V, 48V

104.46~231.53 CFM (2.96~6.56 m³/min)

Dual Ball Bearings

Frame: Thermoplastic PBT + 30% GF, UL94-V0

Impeller: Thermoplastic PBT + 15% GF, UL94-V0

Lead Wires: UL1007 (+) Red; (-) Black, AWG 24, 240±10mm

Operating Temperature: -10°C ~ +70°C

Operating Life: 70,000 hours

Locked Rotor Protection

UL, CE, RoHS

CONTROL FEATURES

Model Number	Curve	Voltage (V)	Range (VDC)	Label (A)	Current (A)	Power (W)	Speed (RPM)	Airflow (Q)		Pressure (P)		Noise (dBA)	CONTROL FEATURES	
								(CFM)	(m ³ /min)	(mmAq)	(inH ₂ O)		STANDARD	OPTIONAL
R1238H05BPLB1b-7	③	5	4~6	2.220	1.600	8.00	3250	130.45	3.69	11.14	0.44	46.13	1b: AS IP51	2a: FG 2b: RD 2c: RDb 6: CL IP54, IP56, IP67
R1238M05BPLB1b-7	②	5	4~6	1.610	1.300	6.50	2900	115.24	3.26	8.81	0.35	42.96		
R1238L05BPLB1b-7	①	5	4~6	1.200	0.961	4.81	2600	104.46	2.96	7.26	0.29	39.83		
R1238Y12BPLB1b-7	⑤	12	7~14	1.770	1.267	15.20	4200	167.66	4.75	17.92	0.71	52.99		
R1238X12BPLB1b-7	④	12	7~14	1.440	0.822	9.86	3750	150.71	4.27	15.17	0.60	50.32		
R1238H12BPLB1b-7	③	12	7~14	0.860	0.510	6.12	3250	130.45	3.69	11.14	0.44	46.13		
R1238M12BPLB1b-7	②	12	7~14	0.640	0.400	4.80	2900	115.24	3.26	8.81	0.35	42.96		
R1238L12BPLB1b-7	①	12	7~14	0.410	0.300	3.60	2600	104.46	2.96	7.26	0.29	39.83		
R1238Y24BPLB1b-7	⑤	24	15~27	0.850	0.580	13.92	4200	167.66	4.75	17.92	0.71	52.99		
R1238X24BPLB1b-7	④	24	15~27	0.630	0.460	11.04	3750	150.71	4.27	15.17	0.60	50.32		
R1238H24BPLB1b-7	③	24	15~27	0.370	0.300	7.20	3250	130.45	3.69	11.14	0.44	46.13		
R1238M24BPLB1b-7	②	24	15~27	0.290	0.238	5.71	2900	115.24	3.26	8.81	0.35	42.96		
R1238L24BPLB1b-7	①	24	15~27	0.180	0.160	3.84	2600	104.46	2.96	7.26	0.29	39.83		
R1238Y48BPLB1b-7	⑤	48	36~57	0.540	0.350	16.80	4200	167.66	4.75	17.92	0.71	52.99		
R1238X48BPLB1b-7	④	48	36~57	0.300	0.220	10.56	3750	150.71	4.27	15.17	0.60	50.32		
R1238H48BPLB1b-7	③	48	36~57	0.180	0.150	7.20	3250	130.45	3.69	11.14	0.44	46.13		
R1238M48BPLB1b-7	②	48	36~57	0.140	0.110	5.28	2900	115.24	3.26	8.81	0.35	42.96		
R1238L48BPLB1b-7	①	48	36~57	0.120	0.080	3.84	2600	104.46	2.96	7.26	0.29	39.83		
G1238Y12BPLB1b-7	⑤	12	7~14	1.770	1.150	13.80	4200	167.66	4.75	17.92	0.71	52.99	1b: AS IP51	2a: FG 2b: RD 2c: RDb 6: CL IP54, IP56, IP67
G1238X12BPLB1b-7	④	12	7~14	1.440	0.750	9.00	3750	150.71	4.27	15.17	0.60	50.32		
G1238H12BPLB1b-7	③	12	7~14	0.860	0.500	6.00	3250	130.45	3.69	11.14	0.44	46.13		
G1238M12BPLB1b-7	②	12	7~14	0.640	0.380	4.56	2900	115.24	3.26	8.81	0.35	42.96		
G1238L12BPLB1b-7	①	12	7~14	0.410	0.290	3.48	2600	104.46	2.96	7.26	0.29	39.83		
G1238Y24BPLB1b-7	⑤	24	15~27	0.850	0.500	12.00	4200	167.66	4.75	17.92	0.71	52.99		
G1238X24BPLB1b-7	④	24	15~27	0.630	0.420	10.08	3750	150.71	4.27	15.17	0.60	50.32		
G1238H24BPLB1b-7	③	24	15~27	0.370	0.290	6.96	3250	130.45	3.69	11.14	0.44	46.13		
G1238M24BPLB1b-7	②	24	15~27	0.290	0.200	4.80	2900	115.24	3.26	8.81	0.35	42.96		
G1238L24BPLB1b-7	①	24	15~27	0.180	0.150	3.60	2600	104.46	2.96	7.26	0.29	39.83		
G1238Y48BPLB1b-7	⑤	48	36~57	0.540	0.260	12.48	4200	167.66	4.75	17.92	0.71	52.99		
G1238X48BPLB1b-7	④	48	36~57	0.300	0.210	10.08	3750	150.71	4.27	15.17	0.60	50.32		
G1238H48BPLB1b-7	③	48	36~57	0.180	0.135	6.48	3250	130.45	3.69	11.14	0.44	46.13		
G1238M48BPLB1b-7	②	48	36~57	0.140	0.105	5.04	2900	115.24	3.26	8.81	0.35	42.96		
G1238L48BPLB1b-7	①	48	36~57	0.120	0.077	3.70	2600	104.46	2.96	7.26	0.29	39.83		

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Operating Temperature: -10°C ~ +70°C

Operating Life: 70,000 hours

Locked Rotor Protection

UL, CE, RoHS

CONTROL FEATURES

STANDARD	OPTIONAL
1b: AS IP51	1a: IR 2a: FG 2b: RD 2c: RDb 2d: LD 3a: VPWM 3b: IPWM 3c: PPWM 5a: TPWM 5b: RPWM 6: CL 7: CS IP54, IP56, IP67

Model Number	Curve	Voltage (V)	Range (VDC)	Label (A)	Current (A)	Power (W)	Speed (RPM)	Airflow (Q) (CFM)	Airflow (Q) (m³/min)	Pressure (P) (mmAq)	Pressure (P) (inH₂O)	Noise (dBA)
P1238Y12BPLB1b-7	⑤	12	8~14	1.770	0.970	11.64	4200	167.66	4.75	17.92	0.71	52.99
P1238X12BPLB1b-7	④	12	8~14	1.440	0.730	8.76	3750	150.71	4.27	15.17	0.60	50.32
P1238H12BPLB1b-7	③	12	8~14	0.860	0.500	6.00	3250	130.45	3.69	11.14	0.44	46.13
P1238M12BPLB1b-7	②	12	8~14	0.640	0.370	4.44	2900	115.24	3.26	8.81	0.35	42.96
P1238L12BPLB1b-7	①	12	8~14	0.410	0.275	3.30	2600	104.46	2.96	7.26	0.29	39.83
P1238Y24BPLB1b-7	⑤	24	15~27	0.850	0.480	11.52	4200	167.66	4.75	17.92	0.71	52.99
P1238X24BPLB1b-7	④	24	15~27	0.630	0.410	9.84	3750	150.71	4.27	15.17	0.60	50.32
P1238H24BPLB1b-7	③	24	15~27	0.370	0.280	6.72	3250	130.45	3.69	11.14	0.44	46.13
P1238M24BPLB1b-7	②	24	15~27	0.290	0.195	4.68	2900	115.24	3.26	8.81	0.35	42.96
P1238L24BPLB1b-7	①	24	15~27	0.180	0.143	3.43	2600	104.46	2.96	7.26	0.29	39.83
P1238Y48BPLB1b-7	⑤	48	36~57	0.540	0.250	12.00	4200	167.66	4.75	17.92	0.71	52.99
P1238X48BPLB1b-7	④	48	36~57	0.300	0.200	9.60	3750	150.71	4.27	15.17	0.60	50.32
P1238H48BPLB1b-7	③	48	36~57	0.180	0.130	6.24	3250	130.45	3.69	11.14	0.44	46.13
P1238M48BPLB1b-7	②	48	36~57	0.140	0.100	4.80	2900	115.24	3.26	8.81	0.35	42.96
P1238L48BPLB1b-7	①	48	36~57	0.120	0.072	3.46	2600	104.46	2.96	7.26	0.29	39.83
K1238X12BPLB1b-7	⑦	12	8~14	2.544	2.100	25.20	5200	208.98	5.92	29.16	1.15	61.89
K1238H12BPLB1b-7	⑥	12	8~14	1.950	1.625	19.50	4700	188.64	5.34	23.30	0.92	57.78
K1238Y24BPLB1b-7	⑧	24	15~27	1.766	1.472	35.33	5800	231.53	6.56	34.17	1.35	65.02
K1238X24BPLB1b-7	⑦	24	15~27	1.207	0.960	23.04	5200	208.98	5.92	29.16	1.15	61.89
K1238H24BPLB1b-7	⑥	24	15~27	0.960	0.640	15.36	4700	188.64	5.34	23.30	0.92	57.78
K1238Y48BPLB1b-7	⑧	48	36~57	0.886	0.750	36.00	5800	231.53	6.56	34.17	1.35	65.02
K1238X48BPLB1b-7	⑦	48	36~57	0.878	0.502	24.10	5200	208.98	5.92	29.16	1.15	61.89
K1238H48BPLB1b-7	⑥	48	36~57	0.509	0.400	19.20	4700	188.64	5.34	23.30	0.92	57.78

