

8025-7

BRUSHLESS DC AXIAL FAN

INTELLIGENT MOTION SERIES

80 x **80** x **25**mm (**3.15** x **3.15** x **0.98**in)

5V, 12V, 24V, 48V

28.89~57.78 CFM (0.82~1.64 m^3/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, 260±10mm

Operating Temperature: -10ºC ~ +70ºC

Operating Life: 70,000 hours

Locked Rotor Protection

UL, CE, RoHS

Model Number	Curve	Voltage (V)	Range (VDC)	Label (A)	Current (A)	Power (W)	Speed (RPM)	Airflow (Q) (CFM)	Airflow (Q) (m^3/min)	Pressure (P) (mmAq)	Pressure (P) (inH_2O)	Noise (dBA)	CONTROL FEATURES STANDARD	CONTROL FEATURES OPTIONAL
C8025X12BPLP1b-7	④	12	7~14	0.260	0.200	2.40	3600	47.27	1.34	5.15	0.20	37.85	1b: AS IP51	2a: FG 2b: RD 2c: RDb IP54, IP56, IP67
C8025H12BPLP1b-7	③	12	7~14	0.180	0.148	1.78	3000	39.39	1.12	3.58	0.14	32.11		
C8025M12BPLP1b-7	②	12	7~14	0.140	0.095	1.13	2600	34.14	0.97	2.69	0.11	28.56		
C8025L12BPLP1b-7	①	12	7~14	0.110	0.068	0.82	2200	28.89	0.82	1.92	0.08	23.79		
C8025X24BPLP1b-7	④	24	15~27	0.120	0.116	2.78	3600	47.27	1.34	5.15	0.20	37.85		
C8025H24BPLP1b-7	③	24	15~27	0.080	0.074	1.78	3000	39.39	1.12	3.58	0.14	32.11		
C8025M24BPLP1b-7	②	24	15~27	0.060	0.060	1.44	2600	34.14	0.97	2.69	0.11	28.56		
C8025L24BPLP1b-7	①	24	15~27	0.040	0.040	0.96	2200	28.89	0.82	1.92	0.08	23.79		
R8025X05BPLP1b-7	④	5	4~6	0.920	0.750	3.75	3600	47.27	1.34	5.15	0.20	37.85		
R8025H05BPLP1b-7	③	5	4~6	0.540	0.360	1.80	3000	39.39	1.12	3.58	0.14	32.11		
R8025M05BPLP1b-7	②	5	4~6	0.470	0.269	1.34	2600	34.14	0.97	2.69	0.11	28.56		
R8025L05BPLP1b-7	①	5	4~6	0.260	0.170	0.85	2200	28.89	0.82	1.92	0.08	23.79		
R8025Y12BPLP1b-7	⑤	12	7~14	0.520	0.400	4.80	4400	57.78	1.64	7.69	0.30	40.55		
R8025X12BPLP1b-7	④	12	7~14	0.370	0.200	2.40	3600	47.27	1.34	5.15	0.20	37.85		
R8025H12BPLP1b-7	③	12	7~14	0.260	0.148	1.78	3000	39.39	1.12	3.58	0.14	32.11		
R8025M12BPLP1b-7	②	12	7~14	0.190	0.095	1.14	2600	34.14	0.97	2.69	0.11	28.56		
R8025L12BPLP1b-7	①	12	7~14	0.140	0.068	0.82	2200	28.89	0.82	1.92	0.08	23.79		
R8025Y24BPLP1b-7	⑤	24	15~27	0.340	0.190	4.56	4400	57.78	1.64	7.69	0.30	40.55		
R8025X24BPLP1b-7	④	24	15~27	0.250	0.116	2.78	3600	47.27	1.34	5.15	0.20	37.85		
R8025H24BPLP1b-7	③	24	15~27	0.160	0.074	1.78	3000	39.39	1.12	3.58	0.14	32.11		
R8025M24BPLP1b-7	②	24	15~27	0.120	0.060	1.44	2600	34.14	0.97	2.69	0.11	28.56		
R8025L24BPLP1b-7	①	24	15~27	0.090	0.040	0.96	2200	28.89	0.82	1.92	0.08	23.79		
D8025X12BPLP1b-7	④	12	7~14	0.260	0.185	2.22	3600	47.27	1.34	5.15	0.20	37.85	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
D8025H12BPLP1b-7	③	12	7~14	0.180	0.125	1.50	3000	39.39	1.12	3.58	0.14	32.11		
D8025M12BPLP1b-7	②	12	7~14	0.140	0.095	1.14	2600	34.14	0.97	2.69	0.11	28.56		
D8025L12BPLP1b-7	①	12	7~14	0.110	0.065	0.78	2200	28.89	0.82	1.92	0.08	23.79		
D8025X24BPLP1b-7	④	24	15~27	0.120	0.100	2.40	3600	47.27	1.34	5.15	0.20	37.85		
D8025H24BPLP1b-7	③	24	15~27	0.080	0.060	1.44	3000	39.39	1.12	3.58	0.14	32.11		
D8025M24BPLP1b-7	②	24	15~27	0.060	0.050	1.20	2600	34.14	0.97	2.69	0.11	28.56		
D8025L24BPLP1b-7	①	24	15~27	0.040	0.035	0.84	2200	28.89	0.82	1.92	0.08	23.79		
D8025Y48BPLP1b-7	⑤	48	36~57	0.100	0.090	4.32	4400	57.78	1.64	7.69	0.30	40.55		
D8025X48BPLP1b-7	④	48	36~57	0.070	0.060	2.88	3600	47.27	1.34	5.15	0.20	37.85		
D8025H48BPLP1b-7	③	48	36~57	0.050	0.050	2.40	3000	39.39	1.12	3.58	0.14	32.11		
D8025M48BPLP1b-7	②	48	36~57	0.040	0.040	1.92	2600	34.14	0.97	2.69	0.11	28.56		
D8025L48BPLP1b-7	①	48	36~57	0.030	0.030	1.44	2200	28.89	0.82	1.92	0.08	23.79		



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