



8025-7

BRUSHLESS DC AXIAL FAN
INTELLIGENT MOTION SERIES

80 x 80 x 25mm

(3.15 x 3.15 x 0.98in)

5V, 12V, 24V, 48V

28.89~57.78 CFM (0.82~1.64 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, 260±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)	(mH ₂ O)		STANDARD	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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