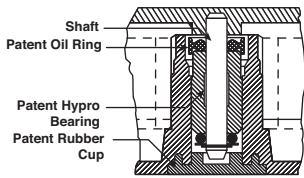
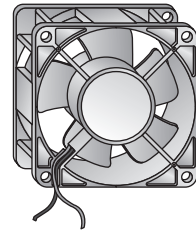
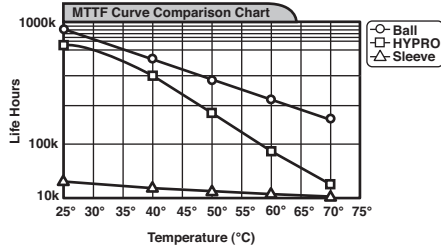


# ADDA DC and AC Brushless Fans



ADDA's patented hypro bearing (hyp) solves the friction problem normally found in sleeve axial bearings. Traditionally the thrust plate floats on a film of oil which rapidly depletes. Sintered alloy bearings draw oil from the cavities to extend the thrust float. ADDA's hypro goes beyond this by actually developing a hypro wave in the I.D. bearing center where a recess oil reservoir is located. This center point actually runs cooler than the outer surface of the bearing and promotes cold to hot flow circulation. ADDA's oil recirculation method and lubricant seal greatly extends the life of the fan.

RoHS Compliant This product is RoHS compliant.



## ADDA DC BRUSHLESS FANS WITH HYPRO BEARING

### Specifications:

- Frame housing and impeller: Black PBT per UL94V-0, glass-filled
- Operating temperature: -10°C ~ 70°C
- Lead wire termination

### Features:

- ADDA's patented Hypro bearing uses oil recirculation to extend the life of the fan by more than 50,000 hours versus ball bearing fans
- All products are tested to stringent 6-Sigma quality in addition to statistical process control
- ADDA performs periodic audits on each product to ensure the best quality control

\*Wire is at 12 o'clock position

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ADDA Part No.	Dimensions (mm)	Voltage (VDC)	Power (W)	Air Flow (CFM)	Noise (dBA)	Speed (RPM)	Price Each			
								1	10	25	50
664-D2006LX-5VLF	AD2005LX-K70-LF	20x6	5	0.50	0.60	19.5	10500	17.83	17.44	16.67	15.50
664-D2006LX-12VLF	AD2012LX-K70-LF	20x6	12	0.72	0.60	19.5	10500	15.48	15.15	14.47	13.46
664-D2005LX-5VLF	AD2005LX-G70-LF	20x10	5	0.40	0.60	20.0	9000	19.61	19.18	18.33	17.05
664-D2010LX-12VLF	AD2012LX-G70-LF	20x10	12	0.72	0.60	20.0	9000	14.14	13.47	12.79	12.49
664-AD0205DX-K50	AD0205DX-K50-LF	25x6	5	0.28	1.20	13.0	7000	11.25	10.65	10.00	9.75
664-D2506LX-12VLF	AD0212LX-K50-LF	25x6	12	0.72	1.66	20.5	9000	15.48	15.15	14.47	13.46
664-D2510MX-5VLF	AD0205MX-G50GL-LF	25x10	5	0.60	2.20	23.1	10000	17.83	17.44	16.67	15.50
664-D2510LX-12VLF	AD0212LX-G50-LF	25x10	12	0.84	1.80	15.6	8000	15.48	15.01	14.47	13.46
664-D3006LX-5V-LF	AD0305LX-K70-LF	30x6	5	0.45	2.55	20.0	7500	15.04	14.63	14.13	12.93
664-D3006LX-12VLF	AD0312LX-K70-LF	30x6	12	0.72	2.55	20.0	7500	12.50	11.99	11.50	10.75
664-D3010LX-5VLF	AD0305LX-G50-LF	30x10	5	0.60	3.21	20.2	8000	15.46	14.98	14.45	13.44
664-D4006HX-5VLF	AD0405HX-K90-LF	40x6	5	0.60	5.90	27.0	6300	11.95	11.45	10.92	10.40
664-D4006MX12V-LF	AD0412MX-K90-LF	40x6	12	0.96	5.16	23.8	5500	8.58	8.21	7.83	7.46
664-AD0405DX-G70-LF	AD0405DX-G70-LF	40x10	5	0.35	3.80	14.5	3300	12.88	11.76	11.20	10.64
664-D04010MX-5VLF	AD0405MX-K70-LF	40x10	5	0.55	5.70	20.0	4800	11.26	11.02	10.79	10.32
664-D4010HX-5VLF	AD0405HX-G70-LF	40x10	5	0.95	6.70	25.0	6000	11.26	11.02	10.79	10.32
664-AD0412LX-G76LF	AD0412LX-G76-LF	40x10	12	0.80	6.99	25.0	6200	18.50	17.02	15.66	14.41
664-D4010MX-12VLF	AD0412MX-G70-LF	40x10	12	0.96	5.70	20.0	4800	8.82	8.63	8.45	8.08
664-D4010HX-12VLF	AD0412HX-G70-LF	40x10	12	1.20	6.70	25.0	6000	8.10	7.50	7.11	6.75
664-D4010HX-24VLF	AD0424HX-G70-LF	40x10	24	2.16	6.80	25.0	6000	7.59	7.03	6.66	6.32
664-D4020MX-5VLF	AD0405MX-C50-LF	40x20	5	0.80	7.80	26.3	6300	10.70	9.68	8.66	8.41
664-AD0412DX-C50LF	AD0412DX-C50-LF	40x20	12	0.60	4.70	10.0	3700	11.50	10.50	10.00	9.50
664-D4506MX-5VLF	AD4505MX-K90-LF	45x6	5	0.60	7.10	25.5	5000	11.61	11.36	11.11	10.10
664-D4505HX-5VLF	AD4505HX-K90-LF	45x6	5	0.70	9.20	32.6	6000	13.11	12.54	11.97	11.40
664-D4505MX-G70-LF	AD4505MX-G70-LF	45x10	5	0.50	6.90	21.6	4200	5.89	5.41	5.04	4.90
664-AD4512MX-G76LF	AD4512MX-G76-LF	45x10	12	0.84	7.50	22.0	4500	12.65	11.82	10.40	9.87
664-D4510HX-12VLF	AD4512HX-G70-LF	45x10	12	1.08	8.30	26.1	5000	10.08	9.34	8.85	8.40
664-AD0512MX-G70LF	AD0512MX-G70-LF	50x10	12	1.44	9.00	24.0	4300	8.60	7.74	7.31	6.88
664-AD5012MX-D71LF	AD5012MX-D71-LF	50x15	12	1.20	12.60	29.0	4300	12.00	10.80	9.60	8.64
664-D5215HX1-12VLF	AD5012HX-D71-LF	50x15	12	1.26	15.10	31.4	5000	11.44	10.68	9.92	9.15
664-D5012UX-D70-LF	AD5012UX-D70-LF	50x15	12	1.26	15.10	31.4	5000	17.37	13.90	12.16	11.12
* 664-AD0612MX-G76T-LF	AD0612MX-G76(T)-LF	60x10	12	1.32	12.00	28.0	4200	14.91	14.00	13.30	12.60
664-AD0605MX-D71LF	AD0605MX-D71GL-LF	60x15	5	1.32	14.08	31.2	3900	15.29	14.63	13.97	13.30
664-D6020HX-12VLF	AD0612HX-C70GL-LF	60x20	12	1.92	16.31	31.0	4500	9.62	9.29	8.96	8.29
664-D6020HX-24VLF	AD0624HX-C70GL-LF	60x20	24	2.16	16.31	31.0	4500	11.09	10.71	10.33	9.57
664-D6025MX-12VLF	AD0612MX-A70GL-LF	60x25	12	1.68	18.00	27.1	3500	10.09	9.87	9.65	8.77
664-D6025HX-24LF	AD0624HX-A70GL-LF	60x25	24	3.60	23.98	33.9	4500	10.23	10.01	9.80	8.90
664-AD0805MX-D71-LF	AD0805MX-D71-LF	80x15	5	1.20	22.40	26.0	2440	14.86	14.21	13.57	12.92
664-D0812LX-D70LF	AD0812LX-D70GL-LF	80x15	12	0.72	20.00	19.6	2000	12.00	11.40	10.80	10.20
664-D8015MX1-12VLF	AD0812MX-D71-LF	80x15	12	1.80	22.40	26.0	2440	10.73	10.20	9.66	9.12
664-D8015HX1-12VLF	AD0812HX-D71-LF	80x15	12	2.28	29.90	33.4	3200	10.73	10.20	9.66	9.12
664-AD0824HX-D71LF	AD0824HX-D71-LF	80x15	24	3.36	29.90	33.4	3200	13.45	12.25	11.66	11.08
664-D8025MX-12VLF	AD0812MX-A70GL-LF	80x25	12	1.80	30.87	28.3	2500	8.57	6.71	6.52	6.15
664-D8025HX-12VLF	AD0812HX-A70GL-LF	80x25	12	3.00	38.99	34.4	3100	8.57	6.71	6.52	6.15
664-D8025MX-24LF	AD0824MX-A70GL-LF	80x25	24	2.40	30.87	28.3	2500	10.71	8.38	8.15	7.68
664-AD0912LXA76GLLF	AD0912LX-A76GL-LF	92x25	12	1.56	32.40	23.5	2000	13.85	13.00	12.35	11.70
664-D9225HX-12VLF	AD0912HX-A70GL-LF	92x25	12	3.00	49.30	35.0	2900	8.97	8.08	7.90	7.67
664-D9225UX-12V-LF	AD0912UX-A7BGL-LF	92x25	12	3.24	60.00	39.0	3300	30.75	21.49	18.45	15.38
664-D9225MX-24VLF	AD0924MX-A70GL-LF	92x25	24	2.88	41.49	31.0	2400	10.97	9.87	9.65	8.78
664-D9225HX2-24VLF	AD0924HX-A72GL-LF	92x25	24	3.60	50.00	33.7	2700	10.56	9.78	9.26	8.80
664-D12025HX1-12VLF	AD1212HX-A71GL-LF	120x25	12	4.44	88.11	39.1	2200	14.92	14.25	12.96	11.93
664-AD1224UXA73GL	AD1224UX-A73GL-LF	120x25	24	4.56	98.60	43.3	2500	14.91	14.00	13.30	12.60

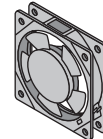
## ADDA AC BRUSHLESS FANS

### Specifications:

- Frame: aluminum with black PBT (UL94V-0) glass-filled impeller
- Operating temperature: -10°C ~ -70°C
- Termination:
  - "AT" terminals
  - "AW" lead wires

### Features:

- All products are tested to stringent 6-Sigma quality in addition to statistical process control
- ADDA also performs periodic audits on each product to ensure the best quality control



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ADDA Part No.	Dimensions (mm)	Voltage (VAC)	Power (W)	Air Flow (CFM)	Noise (dBA)	Speed (RPM)	Price Each			
								1	10	25	50
<b>Hypro Bearing</b>											
664-A8038MX-T230LF	AA8382MX-AT-LF	80x38	230	6.80	24.30	25.3	2300	13.46	12.79	12.12	11.78
<b>Ball Bearing Type</b>											
664-A8038MBT-110LF	AA8381MB-AT-LF	80x38	115	5.42	24.30	25.3	2300	14.08	13.38	12.67	12.32
664-AA8381HB-ATLF	AA8381HB-AT-LF	80x38	115	8.98	24.00	25.3	2300	14.08	13.38	12.67	12.32
664-AA8382HB-ATLF	AA8382HB-AT-LF	80x38	230	8.80	24.00	25.3	2300	15.48	14.71	13.93	13.55
664-A9225MBT-230LF	AA9252MB-AT-LF	92x25	230	16.10	27.50	21.1	1900	14.08	13.38	12.67	12.32
664-A12038MBT-110LF	AA1281MB-AT-LF	120x38	115	15.80	80.00	40.0	2500	14.08	13.38	12.67	12.32
664-A12038HBT-110LF	AA1281HB-AT-LF	120x38	115	16.30	86.30	42.2	2600	14.08	13.38	12.67	12.32
664-AA1281HB-AWLF	AA1281HB-AW-LF	120x38	115	16.30	92.60	43.5	2400	11.86	11.27	10.67	10.37
664-A12038UBT-110LF	AA1281UB-AT-LF	120x38	115	28.66	97.00	46.4	2500	14.08	13.38	12.67	12.32
664-A12038UBW-110-LF	AA1281UB-AW-LF	120x38	115	25.82	100.20	45.8	2500	11.86	11.27	10.67	10.37
664-A12038HBT-230LF	AA1282HB-AT-LF	120x38	230	16.00	86.30	42.2	2600	15.48	14.71	13.93	13.55
<b>Sleeve Bearing Type</b>											
664-AA1281US-AT	AA1281US-AT-LF	120x38	115	27.60	107.00	48.1	2600	12.03	11.30	11.02	10.45
664-AA1282HS-AT-LF	AA1282HS-AT-LF	120x38	230	16.30	102.00	48.4	3100	17.89	15.08	14.38	13.67