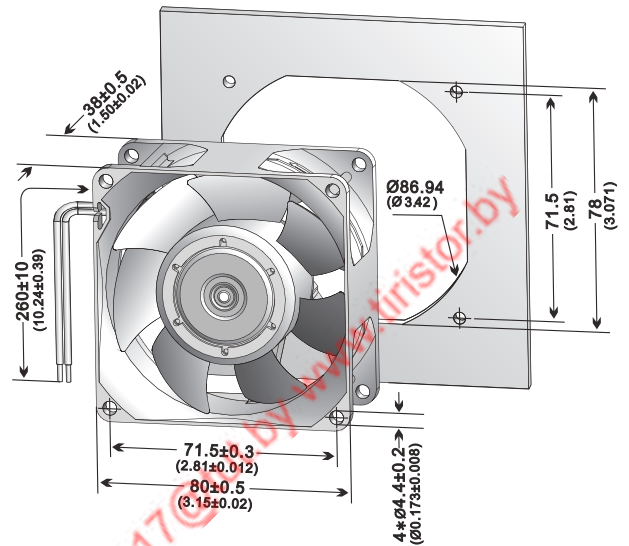


# K-SERIES

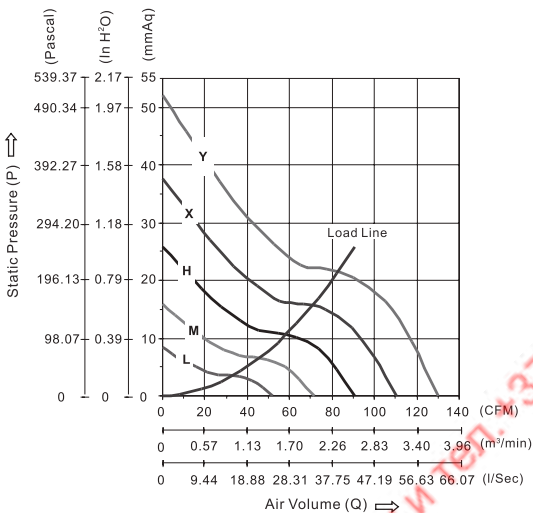


## 80 x 80 x 38 mm Series

Frame: Thermoplastic PBT (GF 30%), UL94-V0  
 Impeller: Thermoplastic PBT (GF 15%), UL94-V0  
 Bearing System: Ball Bearing  
 Lead Wire: UL 1007, AWG 24 / 260 mm, Red (+), Black (-)  
 Protection: Locked rotor protected for minimum 72 hours



### PQ GRAPH (AT RATED VOLTAGE)



### AVAILABLE FUNCTIONS

1a. IR	1b. AS	1c. MS	2a. FG	2b. RD	2c. RD <sub>b</sub>	2d. LD	3. SG/PWM
●	●		●	●	●	●	●
4. OV	5a. TPWM	5b. RPWM	6. CL	7. CS	8a. VPWM	8b. IPWM	8c. PPWM
	●	●	●	●	●	●	●

Part Number	Voltage (VDC)	Current (Amp.)	Power (Watts)	Speed (RPM)	Air Flow (Q)		Pressure (P)		Noise (dBA)	Unit Weight (g/TY/CTN)
					(CFM)	(m³/min)	(mmAq)	(In H <sub>2</sub> O)		
K8038X12BPLBx-7	12 (07-14)	1.650	19.80	8000	103.92	2.944	29.55	1.163	60.60	198g (60pcs)
K8038H12BPLBx-7		1.100	13.20	7000	90.93	2.576	22.63	0.891	57.10	
K8038M12BPLBx-7		0.550	6.60	5500	71.44	2.020	13.97	0.550	50.80	
K8038L12BPLBx-7		0.250	3.00	4000	51.96	1.470	7.39	0.291	42.50	
K8038Y24BPLBx-7	24 (15-27)	1.350	32.40	10000	129.89	3.680	46.17	1.818	66.40	198g (60pcs)
K8038X24BPLBx-7		0.920	22.08	8500	110.40	3.127	33.66	1.325	62.20	
K8038H24BPLBx-7		0.500	12.00	7000	90.93	2.576	22.63	0.891	57.10	
K8038M24BPLBx-7		0.260	6.24	5500	71.44	2.020	13.97	0.550	50.80	
K8038L24BPLBx-7	0.130	3.12	4000	51.96	1.470	7.39	0.291	42.50		
K8038Y48BPLBx-7	48 (30-57)	0.650	31.20	10000	129.89	3.680	46.17	1.818	66.40	198g (60pcs)
K8038X48BPLBx-7		0.410	19.68	8500	110.40	3.127	33.66	1.325	62.20	
K8038H48BPLBx-7		0.250	12.00	7000	90.93	2.576	22.63	0.891	57.10	
K8038M48BPLBx-7		0.150	7.20	5500	71.44	2.020	13.97	0.550	50.80	
K8038L48BPLBx-7	0.080	3.84	4000	51.96	1.470	7.39	0.291	42.50		

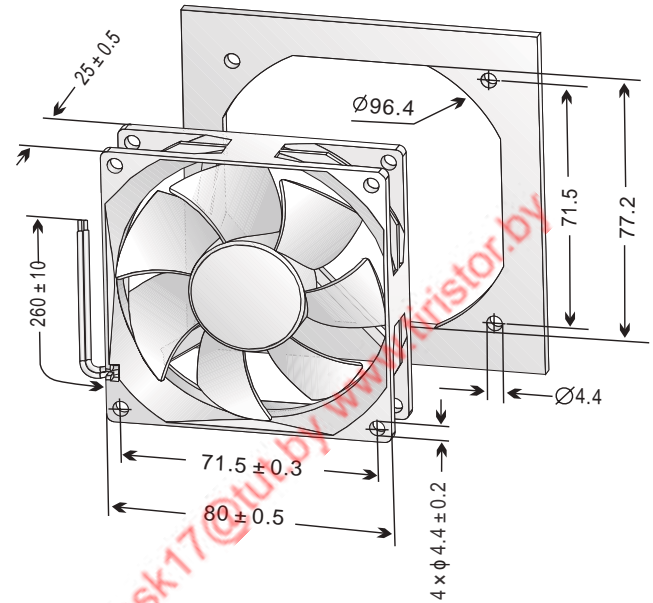
- All MICRONEL fans listed here refer to double ball bearing types; Sleeve bearing types may consume about 10% more power for the same speed.
- Noise Measurements are taken with background noise of 16.8 dBA.
- Please see «Function Legend» for explanation of each function.
- Specifications are subject to change without notice.

# C-SERIES

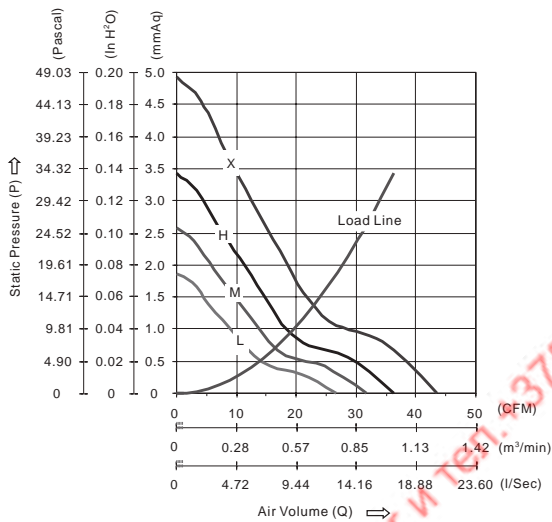


## 80 x 80 x 25 mm

Frame: Thermoplastic PBT (GF 30%), UL94-V0  
 Impeller: Thermoplastic PBT (GF 15%), UL94-V0  
 Bearing System: Ball Bearing or Sleeve Bearing  
 Lead Wire: UL 1007, AWG 24 / 260 mm, Red (+), Black (-)  
 Protection: Locked rotor protected for minimum 72 hours



### PQ GRAPH (AT RATED VOLTAGE)



### AVAILABLE FUNCTIONS

1a. IR	1b. AS	1c. MS	2a. FG	2b. RD	2c. RDb	2d. LD	3. SG/PWM
	●		●	●	●		
4. OV	5a. TPWM	5b. RPWM	6. CL	7. CS	8a. VPWM	8b. IPWM	8c. PPWM

Part Number	Voltage (VDC)	Current (Amp.)	Power (Watts)	Speed (RPM)	Air Flow (Q) (CFM) (m³/min)	Pressure (P) (mmAq) (in H <sub>2</sub> O)	Noise (dBA)	Unit Weight (g/TY/CTN)	
C8025X12BPLBx-7	12 (07-14)	0.202	2.42	3600	43.49	1.232	4.94	0.195	83 g (135 pcs)
* C8025H12BPLBx-7		0.129	1.55	3000	36.26	1.027	3.46	0.136	
C8025M12BPLBx-7		0.098	1.18	2600	31.64	0.896	2.61	0.103	
C8025L12BPLBx-7		0.070	0.84	2200	26.63	0.754	1.87	0.074	
C8025X24BPLBx-7	24 (15-27)	0.105	2.53	3600	43.49	1.232	4.94	0.195	83 g (135 pcs)
* C8025H24BPLBx-7		0.067	1.60	3000	36.26	1.027	3.46	0.136	
C8025M24BPLBx-7		0.055	1.32	2600	31.64	0.896	2.61	0.103	
C8025L24BPLBx-7		0.042	1.01	2200	26.63	0.754	1.87	0.074	

\* small quantities available ex stock

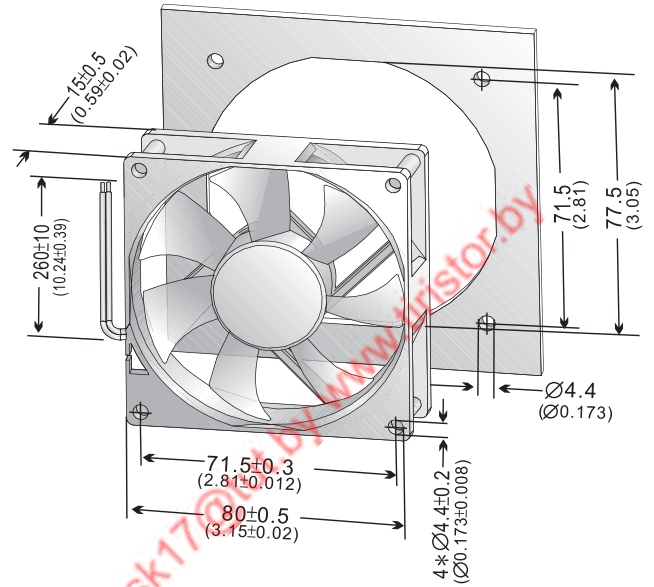
- All MICRONEL fans listed here refer to double ball bearing types; Sleeve bearing types may consume about 10% more power for the same speed.
- Noise Measurements are taken with background noise of 16.8 dBA.
- Please see «Function Legend» for explanation of each function.
- Specifications are subject to change without notice.

# C-SERIES

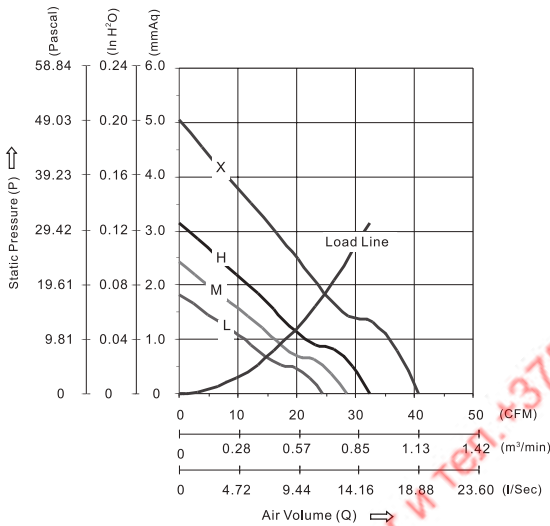


## 80 x 80 x 15 mm

Frame: Thermoplastic PBT (GF 30%), UL94-V0  
 Impeller: Thermoplastic PBT (GF 15%), UL94-V0  
 Bearing System: Ball Bearing or Sleeve Bearing  
 Lead Wire: UL 1007, AWG 24 / 260 mm, Red (+), Black (-)  
 Protection: Locked rotor protected for minimum 72 hours



### PQ GRAPH (AT RATED VOLTAGE)



### AVAILABLE FUNCTIONS

1a. IR	1b. AS	1c. MS	2a. FG	2b. RD	2c. RDb	2d. LD	3. SG/PWM
	●		●	●	●		
4. OV	5a. TPWM	5b. RPWM	6. CL	7. CS	8a. VPWM	8b. IPWM	8c. PPWM

Part Number	Voltage (VDC)	Current (Amp.)	Power (Watts)	Speed (RPM)	Air Flow (Q)		Pressure (P)		Noise (dBA)	Unit Weight (g/CTN)
					(CFM)	(m³/min)	(mmAq)	(In H <sub>2</sub> O)		
C8015X12BPLPx-7	12 (07-14)	0.308	3.69	4000	40.69	1.152	5.04	0.198	40.14	55 g (240 pcs)
* C8015H12BPLPx-7		0.172	2.06	3200	32.32	0.915	3.15	0.124	34.38	
C8015M12BPLPx-7		0.127	1.52	2800	28.44	0.805	2.43	0.096	31.00	
C8015L12BPLPx-7		0.092	1.11	2400	24.45	0.692	1.84	0.072	27.23	
C8015X24BPLPx-7	24 (15-27)	0.143	3.44	4000	40.69	1.152	5.04	0.198	40.14	55 g (240 pcs)
* C8015H24BPLPx-7		0.087	2.08	3200	32.32	0.915	3.15	0.124	34.38	
C8015M24BPLPx-7		0.070	1.69	2800	28.44	0.805	2.43	0.096	31.00	
C8015L24BPLPx-7		0.049	1.17	2400	24.45	0.692	1.84	0.072	27.23	

\* small quantities available ex stock

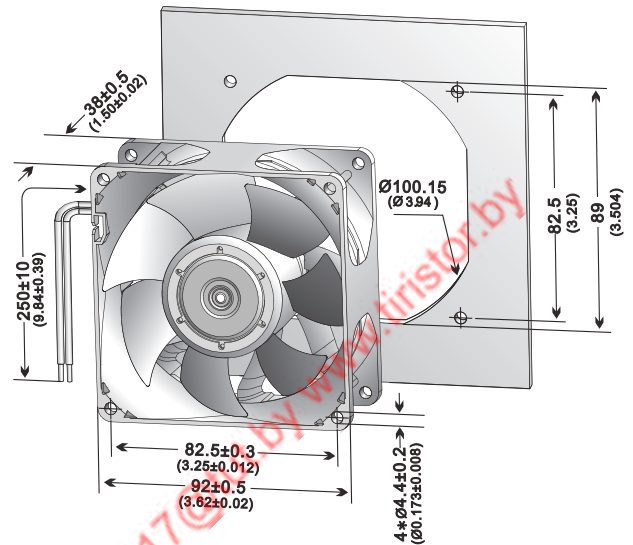
- All MICRONEL fans listed here refer to double ball bearing types; Sleeve bearing types may consume about 10% more power for the same speed.
- Noise Measurements are taken with background noise of 16.8 dBA.
- Please see «Function Legend» for explanation of each function.
- Specifications are subject to change without notice.

# K-SERIES

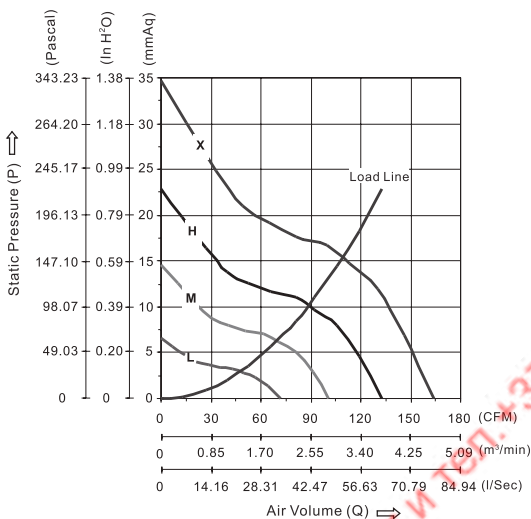


## 92 x 92 x 38 mm

Frame: Thermoplastic PBT (GF 30%), UL94-V0  
 Impeller: Thermoplastic PBT (GF 15%), UL94-V0  
 Bearing System: Ball Bearing  
 Lead Wire: UL 1007, AWG 24 / 250 mm, Red (+), Black (-)  
 Protection: Locked rotor protected for minimum 72 hours



### PQ GRAPH (AT RATED VOLTAGE)



### AVAILABLE FUNCTIONS

1a. IR	1b. AS	1c. MS	2a. FG	2b. RD	2c. RD <sub>b</sub>	2d. LD	3. SG/PWM
●	●		●	●	●	●	●
4. OV	5a. TPWM	5b. RPWM	6. CL	7. CS	8a. VPWM	8b. IPWM	8c. PPWM
	●	●	●	●	●	●	●

Part Number	Voltage (VDC)	Current (Amp.)	Power (Watts)	Speed (RPM)	Air Flow (Q)		Pressure (P)		Noise (dBA)	Unit Weight (g/TY/CTN)
					(CFM)	(m³/min)	(mmAq)	(In H <sub>2</sub> O)		
K9238H12BPLBx-7	12 (07-14)	1.420	17.04	6500	132.94	3.766	22.88	0.900	59.10	223g (60pcs)
K9238M12BPLBx-7		0.630	7.56	5000	102.26	2.897	13.54	0.533	52.20	
K9238L12BPLBx-7		0.250	3.00	3500	71.58	2.030	6.63	0.261	43.00	
K9238X24BPLBx-7	24 (15-27)	1.200	28.80	8000	163.61	4.635	34.65	1.364	64.50	223g (60pcs)
K9238H24BPLBx-7		0.620	14.88	6500	132.94	3.766	22.88	0.900	59.10	
K9238M24BPLBx-7		0.330	7.92	5000	102.26	2.897	13.54	0.533	52.20	
K9238L24BPLBx-7		0.130	3.12	3500	71.58	2.030	6.63	0.261	43.00	
K9238X48BPLBx-7	48 (30-57)	0.600	28.80	8000	163.61	4.635	34.65	1.364	64.50	223g (60pcs)
K9238H48BPLBx-7		0.300	14.40	6500	132.94	3.766	22.88	0.900	59.10	
K9238M48BPLBx-7		0.150	7.20	5000	102.26	2.897	13.54	0.533	52.20	
K9238L48BPLBx-7		0.080	3.84	3500	71.58	2.030	6.63	0.261	43.00	

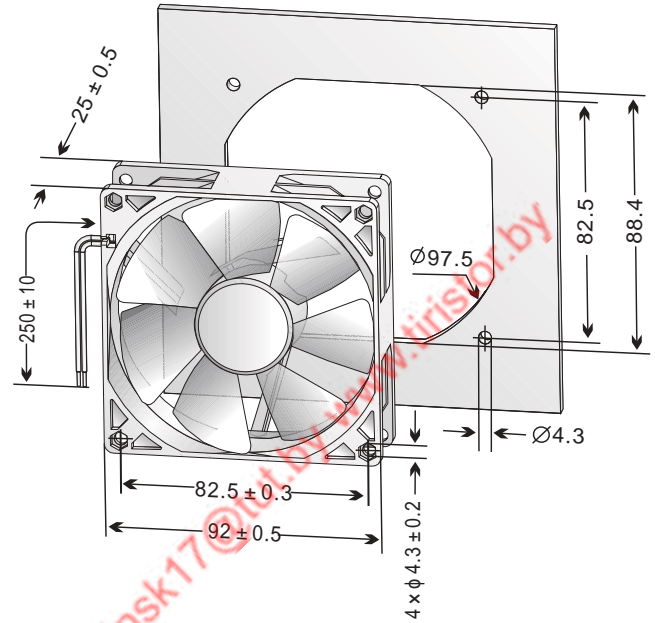
- All MICRONEL fans listed here refer to double ball bearing types; Sleeve bearing types may consume about 10% more power for the same speed.
- Noise Measurements are taken with background noise of 16.8 dBA.
- Please see «Function Legend» for explanation of each function.
- Specifications are subject to change without notice.

# C-SERIES

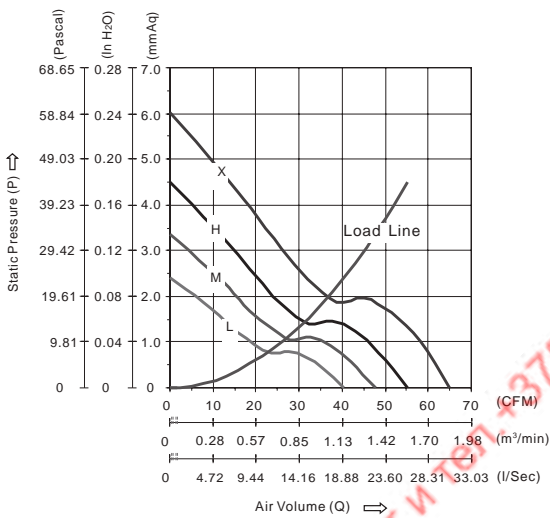


## 92 x 92 x 25 mm

Frame: Thermoplastic PBT (GF 30%), UL94-V0  
 Impeller: Thermoplastic PBT (GF 15%), UL94-V0  
 Bearing System: Ball Bearing or Sleeve Bearing  
 Lead Wire: UL 1007, AWG 24 / 250 mm, Red (+), Black (-)  
 Protection: Locked rotor protected for minimum 72 hours



### PQ GRAPH (AT RATED VOLTAGE)



### AVAILABLE FUNCTIONS

1a. IR	1b. AS	1c. MS	2a. FG	2b. RD	2c. RDb	2d. LD	3. SG/PWM
	●		●	●	●		
4. OV	5a. TPWM	5b. RPWM	6. CL	7. CS	8a. VPWM	8b. IPWM	8c. PPWM

Part Number	Voltage (VDC)	Current (Amp.)	Power (Watts)	Speed (RPM)	Air Flow (Q)		Pressure (P)		Noise (dBA)	Unit Weight (g/CTN)
					(CFM)	(m³/min)	(mmAq)	(in H <sub>2</sub> O)		
C9225X12BPLBx-7	12 (07-14)	0.370	4.44	3600	64.87	1.837	6.02	0.237	41.16	106.5 g (135 pcs)
* C9225H12BPLBx-7		0.223	2.67	3000	55.19	1.563	4.51	0.177	35.73	
C9225M12BPLBx-7		0.145	1.74	2600	47.69	1.350	3.36	0.132	31.99	
C9225L12BPLBx-7		0.100	1.20	2200	40.44	1.145	2.42	0.095	27.56	
C9225X24BPLBx-7	24 (15-27)	0.170	4.09	3600	64.87	1.837	6.02	0.237	41.16	106.5 g (135 pcs)
* C9225H24BPLBx-7		0.120	2.88	3000	55.19	1.563	4.51	0.177	35.73	
C9225M24BPLBx-7		0.075	1.81	2600	47.69	1.350	3.36	0.132	31.99	
C9225L24BPLBx-7		0.079	1.89	2200	40.44	1.145	2.42	0.095	27.56	

\* small quantities available ex stock

- All MICRONEL fans listed here refer to double ball bearing types; Sleeve bearing types may consume about 10% more power for the same speed.
- Noise Measurements are taken with background noise of 16.8 dBA.
- Please see «Function Legend» for explanation of each function.
- Specifications are subject to change without notice.

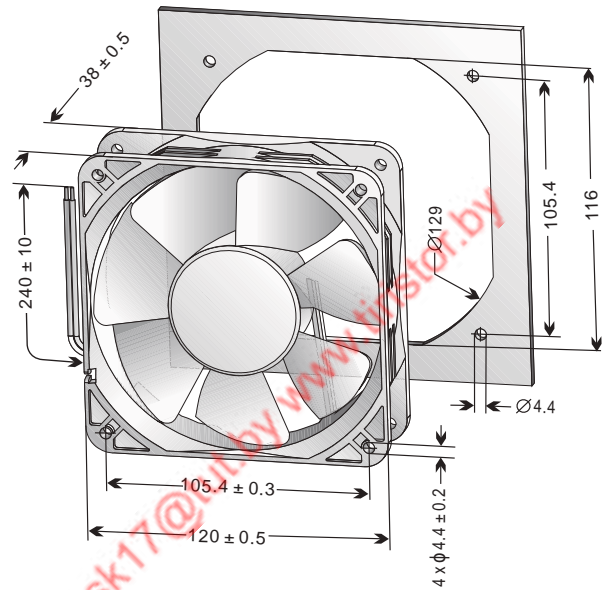


# R-SERIES

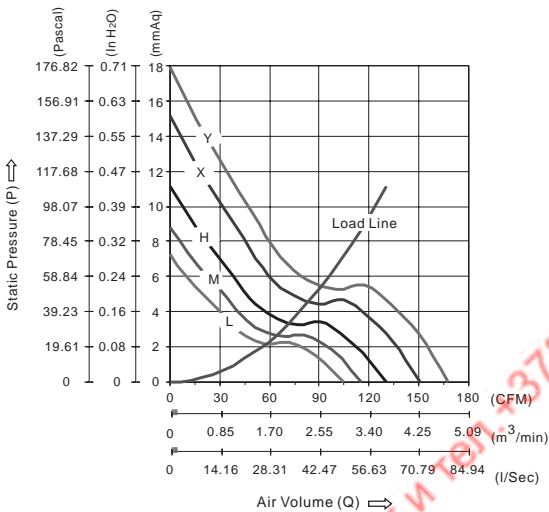


## 120 x 120 x 38 mm

Frame: Thermoplastic PBT (GF 30%), UL94-V0  
 Impeller: Thermoplastic PBT (GF 15%), UL94-V0  
 Bearing System: Ball Bearing or Sleeve Bearing  
 Lead Wire: UL 1007, AWG 24 / 240 mm, Red (+), Black (-)  
 Protection: Locked rotor protected for minimum 72 hours



### PQ GRAPH (AT RATED VOLTAGE)



### AVAILABLE FUNCTIONS

1a. IR	1b. AS	1c. MS	2a. FG	2b. RD	2c. RDb	2d. LD	3. SG/PWM
●	●		●	●	●	●	
4. OV	5a. TPWM	5b. RPWM	6. CL	7. CS	8a. VPWM	8b. IPWM	8c. PPWM
●	●	●	●	●	●	●	●

Part Number	Voltage (VDC)	Current (Amp.)	Power (Watts)	Speed (RPM)	Air Flow (Q)		Pressure (P)		Noise (dBA)	Unit Weight (QTY/CTN)
					(CFM)	(m <sup>3</sup> /min)	(mmAq)	(In H <sub>2</sub> O)		
R1238H05BPLBx-7	05 [04-06]	1.650	8.25	3250	130.45	3.694	11.14	0.439	46.13	315 g (40 pcs)
R1238M05BPLBx-7		1.187	5.93	2900	115.24	3.263	8.81	0.347	42.96	
R1238L05BPLBx-7		0.801	4.00	2600	104.46	2.958	7.26	0.286	39.83	
* R1238Y12BPLBx-7	12 [07-14]	1.600	19.20	4200	167.66	4.748	17.92	0.706	52.99	315 g (40 pcs)
R1238X12BPLBx-7		0.910	10.92	3750	150.71	4.268	15.17	0.597	50.32	
R1238H12BPLBx-7		0.600	7.20	3250	130.45	3.694	11.14	0.439	46.13	
R1238M12BPLBx-7		0.410	4.92	2900	115.24	3.263	8.81	0.347	42.96	
R1238L12BPLBx-7		0.290	3.48	2600	104.46	2.958	7.26	0.286	39.83	
* R1238Y24BPLBx-7	24 [15-27]	0.614	14.73	4200	167.66	4.748	17.92	0.706	52.99	315 g (40 pcs)
R1238X24BPLBx-7		0.460	11.04	3750	150.71	4.268	15.17	0.597	50.32	
R1238H24BPLBx-7		0.299	7.18	3250	130.45	3.694	11.14	0.439	46.13	
R1238M24BPLBx-7		0.249	5.97	2900	115.24	3.263	8.81	0.347	42.96	
R1238L24BPLBx-7		0.159	3.82	2600	104.46	2.958	7.26	0.286	39.83	
R1238Y48BPLBx-7	48 [30-57]	0.360	17.28	4200	167.66	4.748	17.92	0.706	52.99	315 g (40 pcs)
R1238X48BPLBx-7		0.226	10.86	3750	150.71	4.268	15.17	0.597	50.32	
R1238H48BPLBx-7		0.148	7.09	3250	130.45	3.694	11.14	0.439	46.13	
R1238M48BPLBx-7		0.130	6.24	2900	115.24	3.263	8.81	0.347	42.96	
R1238L48BPLBx-7		0.082	3.93	2600	104.46	2.958	7.26	0.286	39.83	

\* small quantities available ex stock

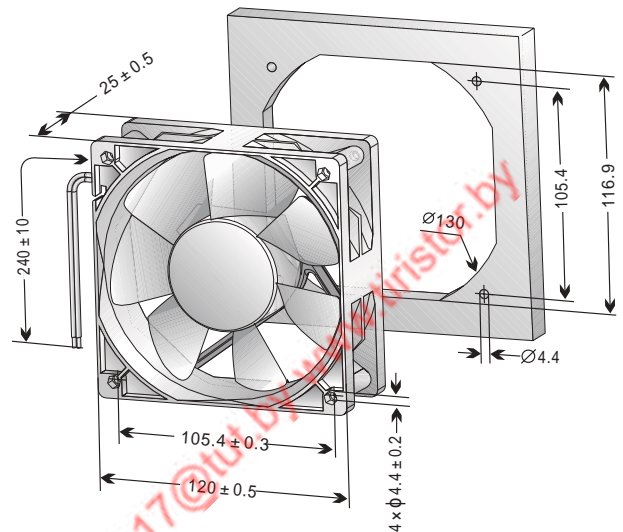
- All MICRONEL fans listed here refer to double ball bearing types; Sleeve bearing types may consume about 10% more power for the same speed.
- Noise Measurements are taken with background noise of 16.8 dBA.
- Please see «Function Legend» for explanation of each function.
- Specifications are subject to change without notice.

# R-SERIES

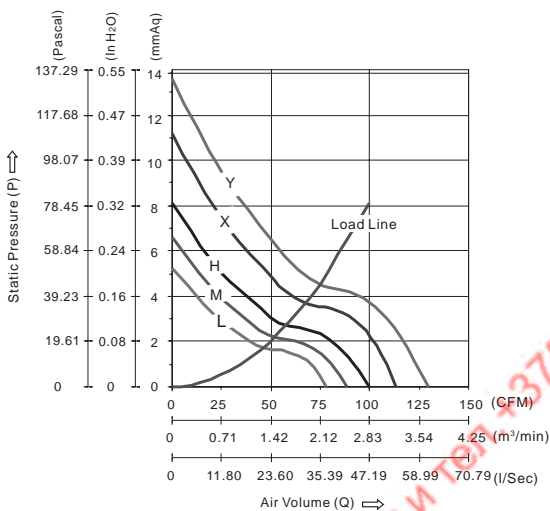


## 120 x 120 x 25 mm

Frame: Thermoplastic PBT (GF 30%), UL94-V0  
 Impeller: Thermoplastic PBT (GF 15%), UL94-V0  
 Bearing System: Ball Bearing or Sleeve Bearing  
 Lead Wire: UL 1007, AWG 24 / 240 mm, Red (+), Black (-)  
 Protection: Locked rotor protected for minimum 72 hours



### PQ GRAPH (AT RATED VOLTAGE)



### AVAILABLE FUNCTIONS

1a. IR	1b. AS	1c. MS	2a. FG	2b. RD	2c. RDb	2d. LD	3. SG/PWM
●	●		●	●	●	●	
4. OV	5a. TPWM	5b. RPWM	6. CL	7. CS	8a. VPWM	8b. IPWM	8c. PPWM
●	●	●	●	●	●	●	●

Part Number	Voltage (VDC)	Current (Amp.)	Power (Watts)	Speed (RPM)	Air Flow (Q)		Pressure (P)		Noise (dBA)	Unit Weight (QTY/CTN)
					(CFM)	(m³/min)	(mmAq)	(In H <sub>2</sub> O)		
R1225H05BPLBx-7	05 (04-06)	0.760	3.80	3250	99.47	2.817	8.11	0.319	43.02	212 g (40 pcs)
R1225M05BPLBx-7		0.603	3.02	2900	88.15	2.496	6.59	0.259	40.09	
R1225L05BPLBx-7		0.360	1.80	2600	78.16	2.213	5.25	0.207	37.19	
* R1225Y12BPLBx-7	12 (07-14)	0.720	8.64	4200	129.41	3.664	13.58	0.534	50.97	212 g (40 pcs)
R1225X12BPLBx-7		0.542	6.50	3750	113.47	3.213	11.17	0.440	48.45	
R1225H12BPLBx-7		0.340	4.08	3250	99.47	2.817	8.11	0.319	43.02	
R1225M12BPLBx-7		0.250	3.00	2900	88.15	2.496	6.59	0.259	40.09	
R1225L12BPLBx-7		0.181	2.17	2600	78.16	2.213	5.25	0.207	37.19	
* R1225Y24BPLBx-7	24 (15-27)	0.330	7.92	4200	129.41	3.664	13.58	0.534	50.97	212 g (40 pcs)
R1225X24BPLBx-7		0.260	6.24	3750	113.47	3.213	11.17	0.440	48.45	
R1225H24BPLBx-7		0.160	3.84	3250	99.47	2.817	8.11	0.319	43.02	
R1225M24BPLBx-7		0.125	2.99	2900	88.15	2.496	6.59	0.259	40.09	
R1225L24BPLBx-7		0.100	2.40	2600	78.16	2.213	5.25	0.207	37.19	
R1225Y48BPLBx-7	48 (30-57)	0.190	9.12	4200	129.41	3.664	13.58	0.534	50.97	212 g (40 pcs)
R1225X48BPLBx-7		0.130	6.24	3750	113.47	3.213	11.17	0.440	48.45	
R1225H48BPLBx-7		0.120	5.76	3250	99.47	2.817	8.11	0.319	43.02	
R1225M48BPLBx-7		0.085	4.08	2900	88.15	2.496	6.59	0.259	40.09	
R1225L48BPLBx-7		0.059	2.81	2600	78.16	2.213	5.25	0.207	37.19	

\* small quantities available ex stock

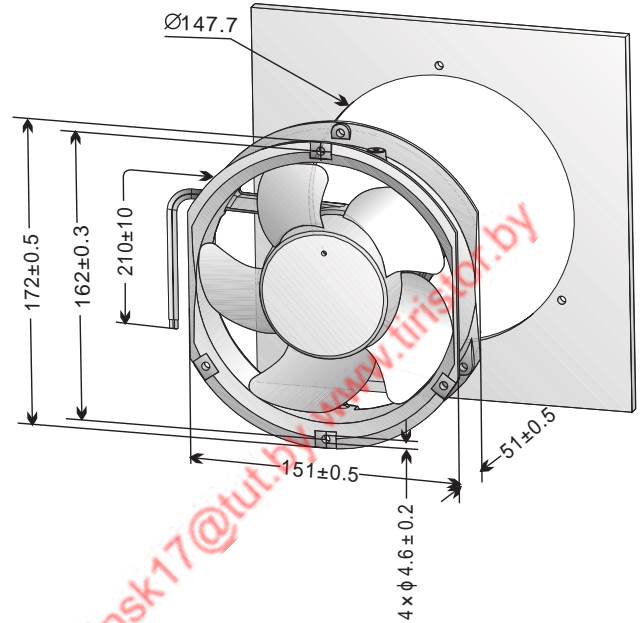
- All MICRONEL fans listed here refer to double ball bearing types; Sleeve bearing types may consume about 10% more power for the same speed.
- Noise Measurements are taken with background noise of 16.8 dBA.
- Please see «Function Legend» for explanation of each function.
- Specifications are subject to change without notice.

# G-SERIES

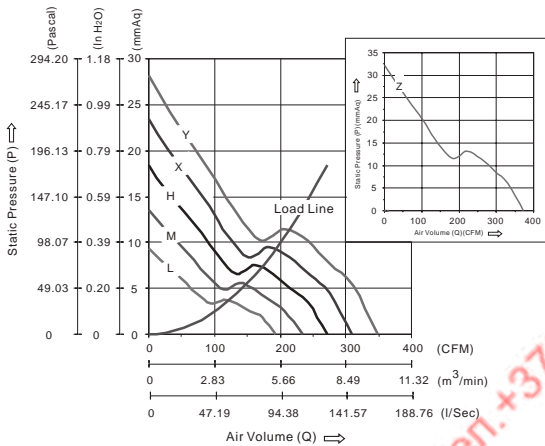


## 172 x 150 x 51 mm -5

Frame: Thermoplastic PBT (GF 30%), UL94-V0  
 Impeller: Thermoplastic PBT (GF 15%), UL94-V0  
 Bearing System: Ball Bearing or Sleeve Bearing  
 Lead Wire: UL 1007, AWG 24 / 210 mm, Red (+), Black (-)  
 Protection: Locked rotor protected for minimum 72 hours



### PQ GRAPH (AT RATED VOLTAGE)



### AVAILABLE FUNCTIONS

1a. IR	1b. AS	1c. MS	2a. FG	2b. RD	2c. RD <sub>b</sub>	2d. LD	3. SG/PWM
●	●		●	●	●	●	
4. OV	5a. TPWM	5b. RPWM	6. CL	7. CS	8a. VPWM	8b. IPWM	8c. PPWM
●			●	●			

Part Number	Voltage (VDC)	Current (Amp.)	Power (Watts)	Speed (RPM)	Air Flow (Q)		Pressure (P)		Noise (dBA)	Unit Weight (g/TY/CTN)
					(CFM)	(m <sup>3</sup> /min)	(mmAq)	(In H <sub>2</sub> O)		
G1751H12BALBx-5	12 (07-14)	1.508	18.09	3500	271.76	7.695	18.41	0.725	56.15	748 g (24 pcs)
G1751M12BALBx-5		0.949	11.39	3000	233.78	6.620	13.56	0.534	52.24	
G1751L12BALBx-5		0.554	6.65	2500	194.05	5.495	9.39	0.370	47.44	
G1751Z24BALBx-5	24 (15-27)	1.776	42.62	4800	372.75	10.555	32.30	1.272	65.63	748 g (24 pcs)
G1751Y24BALBx-5		1.493	35.82	4500	349.41	9.894	28.18	1.109	63.18	
G1751X24BALBx-5		1.034	24.82	4000	309.69	8.770	23.42	0.922	60.52	
G1751H24BALBx-5		0.712	17.08	3500	271.76	7.695	18.41	0.725	56.15	
G1751M24BALBx-5		0.448	10.76	3000	233.78	6.620	13.56	0.534	52.24	
G1751L24BALBx-5		0.259	6.22	2500	194.05	5.495	9.39	0.370	47.44	
G1751Z48BALBx-5	48 (30-57)	0.966	46.36	4800	372.75	10.555	32.30	1.272	65.63	748 g (24 pcs)
G1751Y48BALBx-5		0.743	35.67	4500	349.41	9.894	28.18	1.109	63.18	
G1751X48BALBx-5		0.526	25.25	4000	309.69	8.770	23.42	0.922	60.52	
G1751H48BALBx-5		0.389	18.67	3500	271.76	7.695	18.41	0.725	56.15	
G1751M48BALBx-5		0.244	11.73	3000	233.78	6.620	13.56	0.534	52.24	
G1751L48BALBx-5		0.142	6.79	2500	194.05	5.795	9.39	0.370	47.44	

- All MICRONEL fans listed here refer to double ball bearing types; Sleeve bearing types may consume about 10% more power for the same speed.
- Noise Measurements are taken with background noise of 16.8 dBA.
- Please see «Function Legend» for explanation of each function.
- Specifications are subject to change without notice.



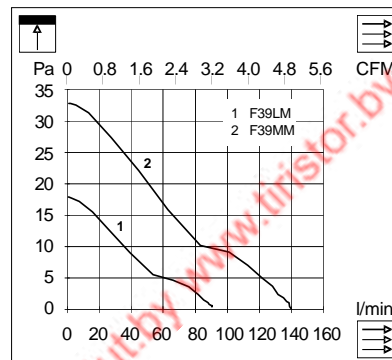


Flachlüfter  
Ultra Slim Fans  
Ventilateurs Ultra Plats

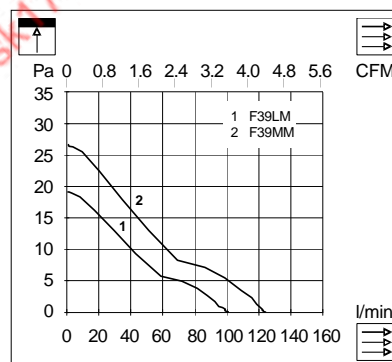
Long life / low noise



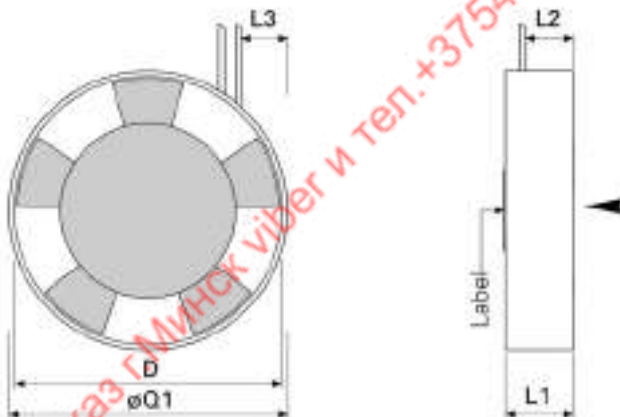
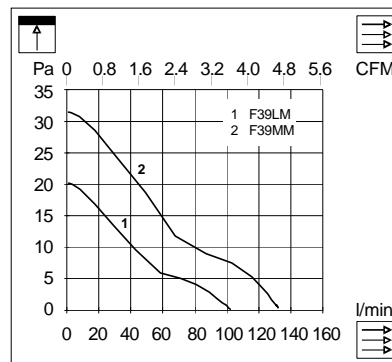
F39LM/MM 5 V DC



F39LM/MM 12 V DC



F39LM/MM 24 V DC



Заказ ГМинск вибер и тел. +375447584780 email: minsk@pulsby.com www.pulsby.com

F39	mm	inch
D	39	1.535
L1	12 <sup>+0.5</sup> / <sub>0.0</sub>	0.472
L2	9	0.354
L3	8	0.315
Q1	41 <sup>0.0</sup> / <sub>-0.1</sub>	1.614

F39

## Technische Daten

## Technical data

## Caractéristiques techniques

### Non-operating Signal (NOS):

Dieses Signal dient zur Funktionsüberwachung des Lüfters. Bei einer Betriebsstörung ändert sich der Signalpegel von Low auf High. Die Auswertung kann optisch, akustisch oder elektronisch erfolgen.

### Non-operating signal (NOS)

This signal is used for the operational control of the fan. On failure the signal level switches from "low" to "high". The signal can be used for optical, acoustical, or electronic alarm.

### Signal de défaut (NOS)

Ce signal sert à la surveillance des fonctions du ventilateur. En cas de dérangement du fonctionnement, le signal passe de low à high.

			F39 LM / F39 MM		F39 LM / F39 MM		F39 LM / F39 MM	
			5		12		24	
<b>U</b>	$U_N$	V						
	U	V	4.25-5.75	4.25-5.75	8.4-13.8	8.4-13.8	16.8-27.6	16.8-27.6
<b>I</b>	$I_N$	mA	89	113	42	63	31	36
	$I_{max}$	mA	100	140	60	80	50	55
<b>O</b>	$I_{block}$	mA	130	160	60	80	50	55
<b>P</b>	$P_N$	W	0.445	0.565	0.504	0.756	0.744	0.864
rpm	n	min <sup>-1</sup>	4100	5400	4200	5000	4300	5400
	$\dot{V}$	l/min	95	140	100	125	105	140
	p	Pa	18	32	19	26	20	32
	LpA	dB(A)	13	20	14	18	15	20
<b>MTTF</b>	MTTF	hr	40000					
	T	°C/°F	-20 ... +75 / -4 ... +167					
	m	gr/oz.	20 / 0.8					
	M	mm/inch	290 / 11.417 (AWG 26)					
	PPO	UL-94V-1	Standard		Standard		Standard	
	Option		Standard		Standard		Standard	
	Option							
	Option/"NOS"		LP	MP	LP	MP	LP	MP
	Accessoires		No		No		No	
	Accessoires		No		No		No	
	Accessoires		No		No		No	

### Standards

- CE-Zulassung für alle Lüfter
- Motorwicklung nach Isolationsklasse E
- Schutz bei blockiertem Rotor
- Isolationswiderstand min. 10 MΩ bei 500 V DC
- Kriechstromfestigkeit max. 1 mA bei 500 V AC
- Basis  $\Delta\rho$ ,  $\dot{V}=1.2 \text{ kg/m}^3$

### Standards

- CE Conformity
- Coils to insulation class E
- Locked rotor protection
- Insulation resistance min. 10 MΩ at 500 V DC
- Dielectric strength max. 1 mA bei 500 V AC
- Basis  $\Delta\rho$ ,  $\dot{V}=1.2 \text{ kg/m}^3$

### Standards

- Certificat CE pour tous les ventilateurs
- Bobinage selon la classe d'isolation E
- Protection en cas de blocage du rotor
- Résistance d'isolement min. 10 MΩ sous 500 V DC
- Résistance au courant de fuite: max. 1 mA sous 500 V AC
- Basis  $\Delta\rho$ ,  $\dot{V}=1.2 \text{ kg/m}^3$

Bitte nachfragen

Please ask

Demander s.v.p.

«NOS Anschluss-Schema und Funktionslogik»  
 «Connection and Function Diagram»  
 «Schéma de connexion NOS et logique de fonction»

