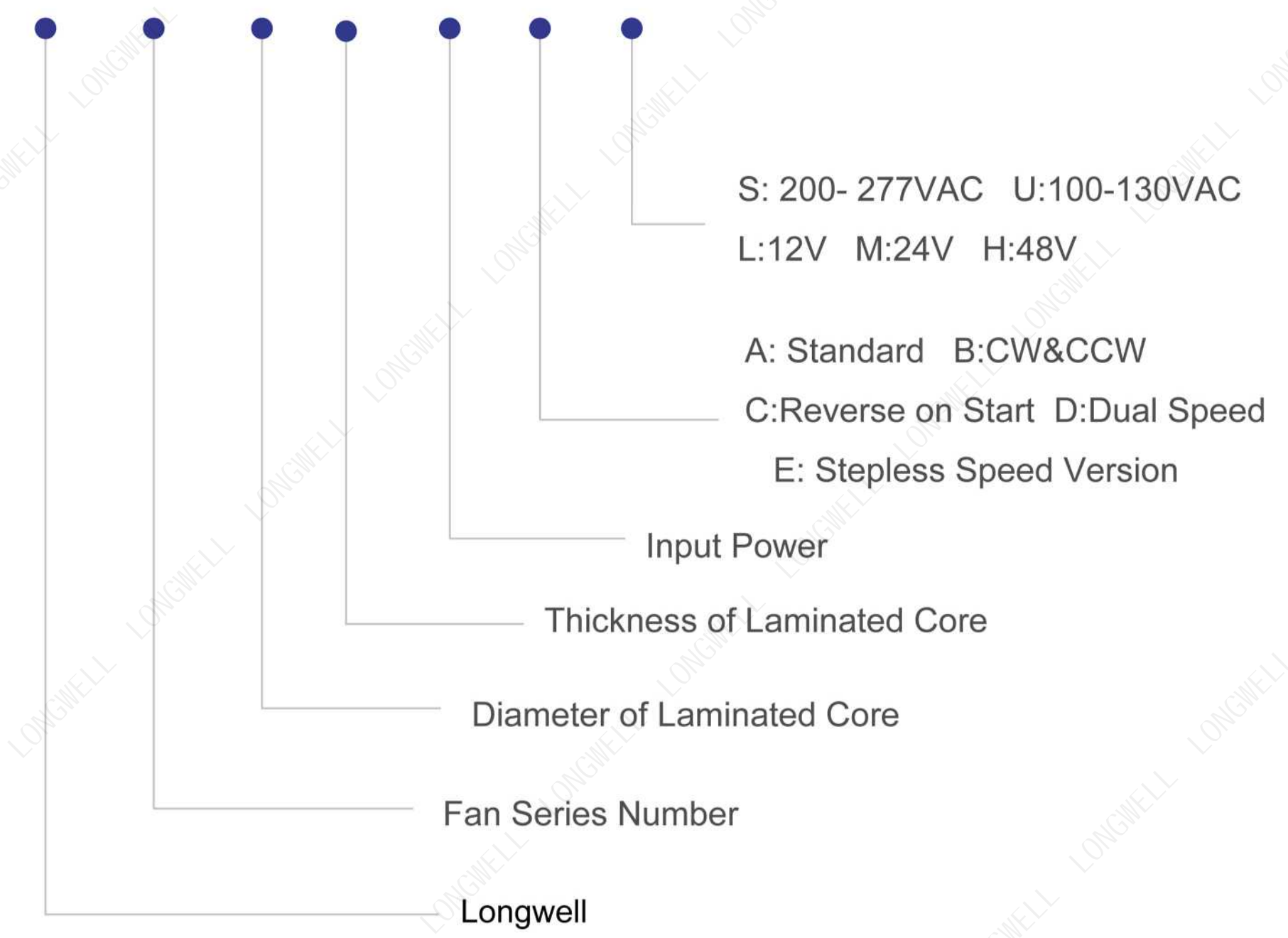




Type Code

LW ECM 71 08 12 B S

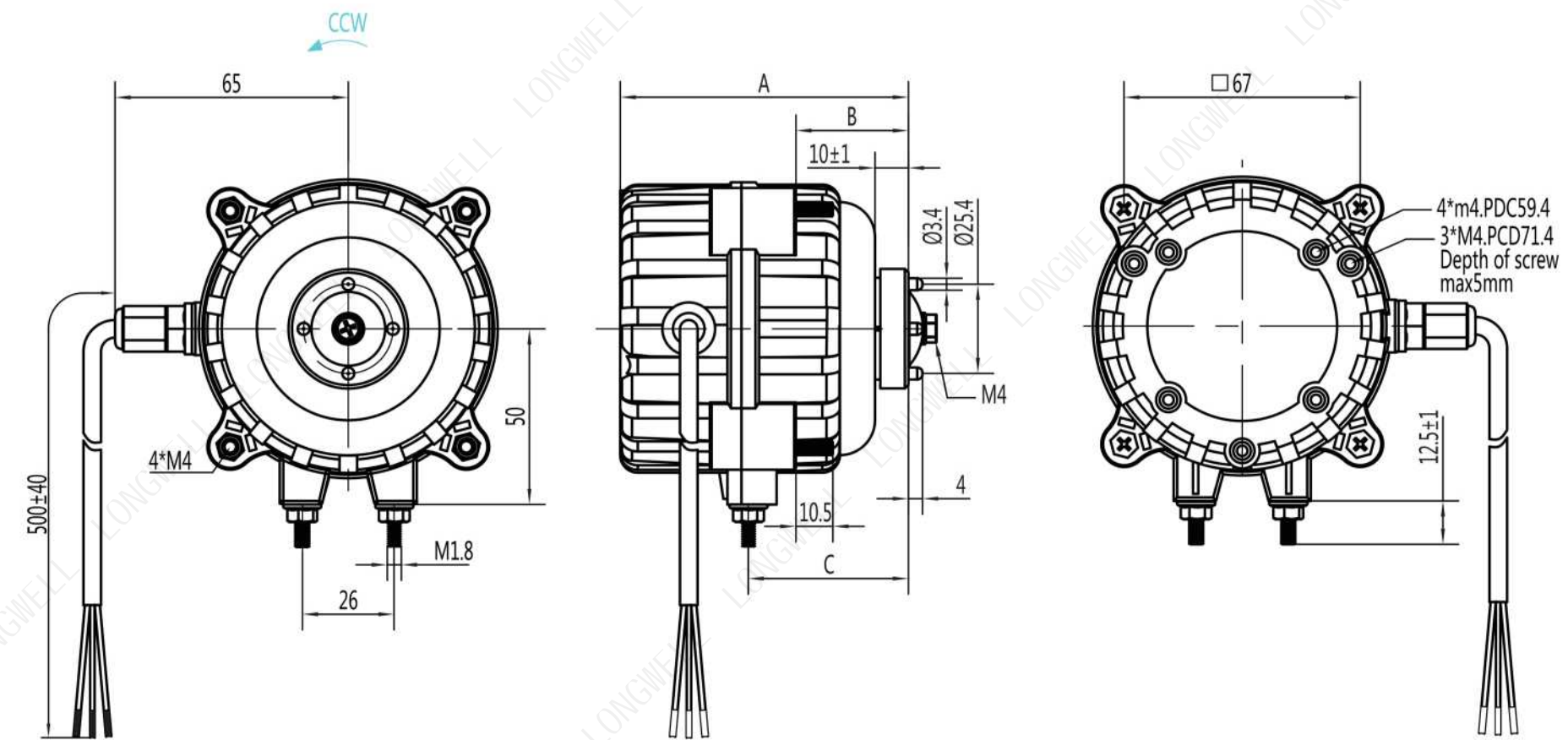
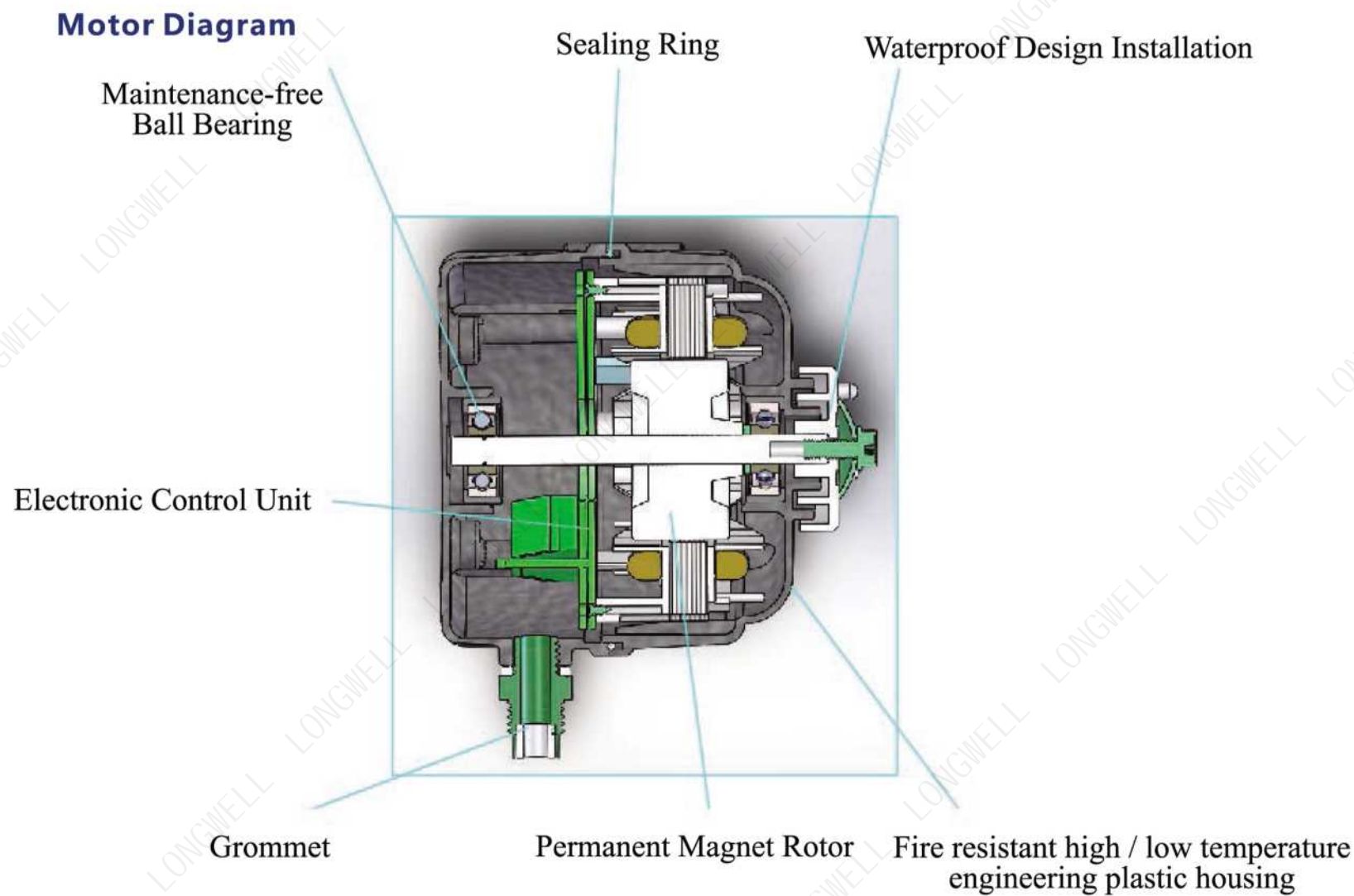


Emphasizing on energy saving, environmental protection and high efficiency, EC shaded-pole motor (ECQ67 and ECM71 series) are designed with advanced electronic control unit. The electronic control technology increase the motor efficiency greatly, while it maintains the similar external dimensions as the original YZF Shaded-pole motor. The accessories such as grid, fan blades, flange and bracket are the same as original YZF series', therefore EC motor could completely replace YZF series without any changes. Compare with previous products, EC motor could be 70% more efficient, reduce the electric consumption greatly. Meanwhile, with help from electric control technology, the heating of EC motor itself is very low, it could help the entire refrigeration system works more efficient and stable.

Mounting Dimensions :	100% Replacement of traditional shaded-pole motors
Voltage :	AC100V-120V;AC110V-220V;AC160V-250V;DC24V;DC48V
Output Power :	7W;12W; 25W
Rotation direction :	Single Rotation CCW & Reverse on start & Reverse on demand
Speed :	1 speed,2 speeds, 3 speeds.
Insulation class :	B/F
Working ambient temperature :	-40°C ~50°C
Mounting Option :	Grid,Flange,Bracket
Operating mode :	S1
Type of Protection :	IP65
Bearings :	Maintenance-free ball bearing
Motor protection :	Via electronics
Service life :	50000 hours



Nominal data		Voltage	Frequency	Speed	Output Power	Dimensions		
Type	Features	V	Hz	r/min	W	A	B	C
LW-ECM7108	Standard,CW/CCw,2 Speeds Stepless-speed	AC110/220	50/60	1300-2200	7	83	32.5	43.5
	Stepless-speed	DC24	/	1300-2200	7			
LW-ECM7112	Standard,CW/CCw,2 Speeds Stepless-speed	AC110/220	50/60	1300-2200	12	87	32.5	43.5
	Stepless-speed	DC24	/	1300-2200	12			
LW-ECM7120	Standard,CW/CCw,2 Speeds Stepless-speed	AC110/220	50/60	1300-2200	25	95	32.5	43.5
	Stepless-speed	DC24	/	1300-2200	25			

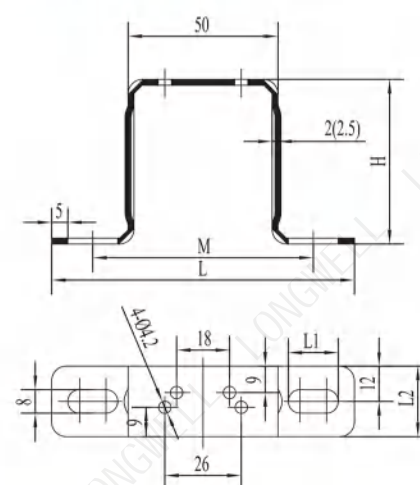


Model	Rated Voltage	Voltage	Frequency	Speed	Input Power	OutPut Power	Current	Operating Temp	Blade Size	Angle of Blade
	V	VAC	Hz	RPM	W	W	A	°C	mm	
LW-ECM7108	230	160-250	50/60	1300	3.6	2	0.04	-40°C~+50°C	154	28°
	230	160-250	50/60	1300	4.4	2.8	0.05	-40°C~+50°C	154	34°
	230	160-250	50/60	1300	3.7	2.4	0.04	-40°C~+50°C	172	25°
	230	160-250	50/60	1300	4.2	2.7	0.04	-40°C~+50°C	172	28°
	230	160-250	50/60	1300	5.9	3.8	0.05	-40°C~+50°C	173	34°
	230	160-250	50/60	1300	5.9	3.8	0.05	-40°C~+50°C	200	25°
	230	160-250	50/60	1300	6.6	4.2	0.05	-40°C~+50°C	200	28°
	230	160-250	50/60	1300	9.1	5.9	0.06	-40°C~+50°C	200	34°
	230	160-250	50/60	1450	3.9	2.4	0.04	-40°C~+50°C	154	28°
	230	160-250	50/60	1450	6.4	4.1	0.05	-40°C~+50°C	154	34°
	230	160-250	50/60	1450	4.1	2.6	0.04	-40°C~+50°C	172	25°
	230	160-250	50/60	1450	4.8	3.1	0.04	-40°C~+50°C	172	28°
	230	160-250	50/60	1450	7.1	4.6	0.05	-40°C~+50°C	173	34°
	230	160-250	50/60	1450	6.5	4.2	0.05	-40°C~+50°C	200	25°
	230	160-250	50/60	1450	6.8	4.4	0.05	-40°C~+50°C	200	28°
	230	160-250	50/60	1450	11.2	7.2	0.11	-40°C~+50°C	200	34°
	230	160-250	50/60	1550	4.8	3.1	0.04	-40°C~+50°C	154	28°
	230	160-250	50/60	1550	6.7	4.3	0.05	-40°C~+50°C	154	34°
	230	160-250	50/60	1550	5.2	3.3	0.04	-40°C~+50°C	172	25°
	230	160-250	50/60	1550	5.5	3.5	0.04	-40°C~+50°C	172	28°
	230	160-250	50/60	1550	7.5	4.8	0.06	-40°C~+50°C	173	34°
	230	160-250	50/60	1550	7.2	4.6	0.06	-40°C~+50°C	200	25°
	230	160-250	50/60	1550	7.3	4.7	0.06	-40°C~+50°C	200	28°
	230	160-250	50/60	1800	5.3	3.4	0.05	-40°C~+50°C	154	28°
	230	160-250	50/60	1800	6.4	4.1	0.05	-40°C~+50°C	154	34°
	230	160-250	50/60	1800	6.7	4.3	0.06	-40°C~+50°C	172	25°
	230	160-250	50/60	1800	8.1	5.2	0.08	-40°C~+50°C	172	28°
	230	160-250	50/60	1800	98	6.6	0.09	-40°C~+50°C	173	34°
	230	160-250	50/60	1800	8.3	5.6	0.08	-40°C~+50°C	200	25°
	230	160-250	50/60	2000	5.8	3.7	0.09	-40°C~+50°C	154	28°
230	160-250	50/60	1800	7.4	4.8	0.08	-40°C~+50°C	172	25°	
LW-ECM7112	230	160-250	50/60	1300	6.2	4.1	0.07	-40°C~+50°C	200	28°
	230	160-250	50/60	1300	9.1	5.6	0.09	-40°C~+50°C	230	25°
	230	160-250	50/60	1300	11.4	7.4	0.11	-40°C~+50°C	230	28°
	230	160-250	50/60	1300	10.5	6.8	0.1	-40°C~+50°C	250	22°
	230	160-250	50/60	1300	14	9.1	0.12	-40°C~+50°C	250	25°
	230	160-250	50/60	1300	16.5	10.7	0.13	-40°C~+50°C	250	28°
	230	160-250	50/60	1450	6.5	4.2	0.07	-40°C~+50°C	200	28°
	230	160-250	50/60	1450	11.3	7.3	0.11	-40°C~+50°C	230	25°
	230	160-250	50/60	1450	13.9	9	0.12	-40°C~+50°C	230	28°
	230	160-250	50/60	1450	11.9	7.5	0.11	-40°C~+50°C	250	22°
	230	160-250	50/60	1450	14.2	9.2	0.12	-40°C~+50°C	250	25°
	230	160-250	50/60	1450	17.5	11.4	0.15	-40°C~+50°C	250	28°
	230	160-250	50/60	1550	8.4	5.5	0.08	-40°C~+50°C	200	28°
	230	160-250	50/60	1550	14.3	9.3	0.12	-40°C~+50°C	230	25°
	230	160-250	50/60	1550	14.5	9.4	0.12	-40°C~+50°C	230	28°
	230	160-250	50/60	1550	17.2	11.2	0.15	-40°C~+50°C	250	22°
	230	160-250	50/60	1800	12.4	8.1	0.12	-40°C~+50°C	200	28°
	230	160-250	50/60	1800	17.9	11.6	0.15	-40°C~+50°C	230	22°
	230	160-250	50/60	1800	18.2	11.8	0.16	-40°C~+50°C	230	25°
	230	160-250	50/60	1800	19.5	12.6	0.18	-40°C~+50°C	230	28°
230	160-250	50/60	2000	7.3	4.7	0.06	-40°C~+50°C	200	22°	
230	160-250	50/60	2000	17.5	11.4	0.15	-40°C~+50°C	200	25°	

Model	Rated Voltage	Voltage Range	Frequency	Speed	Input Power	Output Power	Current	Operating Temp	Blade Size	Angle of Blade
	V	V	Hz	RPM	W	W	A	°C	mm	
LW-ECM7120	230	160-250	50/60	1300	9.8	6.3	0.09	-40°C~+50°C	230	28°
	230	160-250	50/60	1300	12.5	8.1	0.12	-40°C~+50°C	250	22°
	230	160-250	50/60	1300	13.7	8.9	0.13	-40°C~+50°C	250	25°
	230	160-250	50/60	1300	15.8	10.3	0.15	-40°C~+50°C	250	28°
	230	160-250	50/60	1300	19.2	11.9	0.18	-40°C~+50°C	250	34°
	230	160-250	50/60	1300	16.2	10.5	0.17	-40°C~+50°C	300	22°
	230	160-250	50/60	1300	18.9	12.3	0.18	-40°C~+50°C	300	25°
	230	160-250	50/60	1300	26.7	18.2	0.21	-40°C~+50°C	300	28°
	230	160-250	50/60	1450	12.3	7.9	0.12	-40°C~+50°C	230	28°
	230	160-250	50/60	1450	11.9	7.7	0.12	-40°C~+50°C	250	22°
	230	160-250	50/60	1450	12.8	8.3	0.12	-40°C~+50°C	250	25°
	230	160-250	50/60	1450	15.1	9.8	0.15	-40°C~+50°C	250	28°
	230	160-250	50/60	1450	25.3	17.2	0.20	-40°C~+50°C	250	34°
	230	160-250	50/60	1450	18.2	11.8	0.18	-40°C~+50°C	300	22°
	230	160-250	50/60	1450	21.2	13.7	0.19	-40°C~+50°C	300	25°
	230	160-250	50/60	1450	29	19.7	0.22	-40°C~+50°C	300	28°
	230	160-250	50/60	1550	14.5	9.4	0.13	-40°C~+50°C	230	28°
	230	160-250	50/60	1550	15.9	10.3	0.14	-40°C~+50°C	250	22°
	230	160-250	50/60	1550	20.8	13.5	0.19	-40°C~+50°C	250	25°
	230	160-250	50/60	1550	25.3	17.2	0.20	-40°C~+50°C	250	28°
	230	160-250	50/60	1550	29	19.7	0.22	-40°C~+50°C	250	34°
	230	160-250	50/60	1550	22.2	15.1	0.19	-40°C~+50°C	300	22°
	230	160-250	50/60	1550	23.2	15.8	0.19	-40°C~+50°C	300	25°
	230	160-250	50/60	1800	22.4	14.6	0.19	-40°C~+50°C	230	28°
	230	160-250	50/60	1800	18.5	12.1	0.18	-40°C~+50°C	250	22°
	230	160-250	50/60	1800	24.2	16.5	0.20	-40°C~+50°C	250	25°
	230	160-250	50/60	1800	29.3	19.1	0.22	-40°C~+50°C	250	28°
	230	160-250	50/60	1800	29.3	19.1	0.22	-40°C~+50°C	300	22°
	230	160-250	50/60	2000	24.8	16.1	0.20	-40°C~+50°C	230	25°
	230	160-250	50/60	2000	20.5	13.3	0.19	-40°C~+50°C	254	22°
230	160-250	50/60	2000	26.8	17.4	0.21	-40°C~+50°C	254	25°	

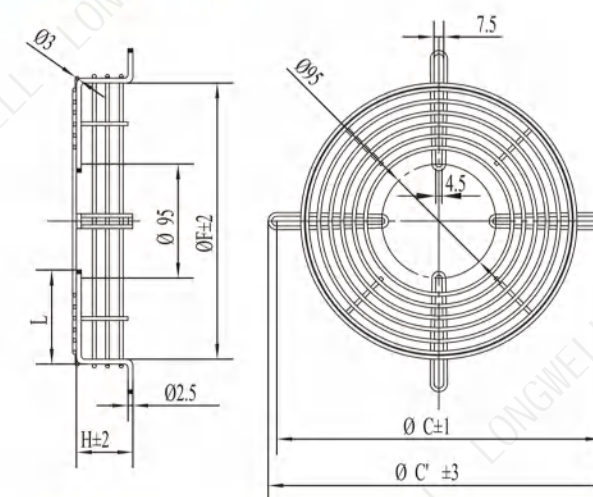
Accessories and Components

• 支架/BACKET



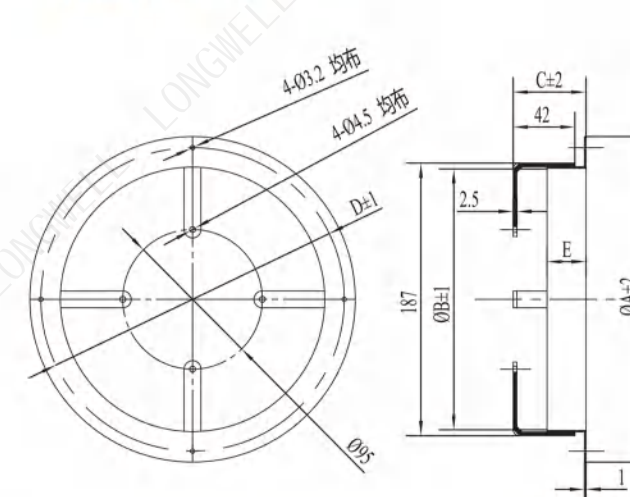
MODEL	H	L	L1	L2	M
H56	56	105	17	24	75
H72	72	105	13	24	75
H84	84	105	20	24	75
H84	84	166	18	25	126
H90	90	110	17	24	80
H110	110	106	14	42	83
H110	110	106	14	50	83

• 网罩/GRID



MODEL	C'	C	F	H	L
Φ 230	56	105	17	24	75
Φ 270	72	105	13	24	75
Φ 280	84	105	20	24	75
Φ 320	84	166	18	25	126

• 法兰/FLANGE



FAN TYPE	Φ A	Φ B	C	Φ D	E
Φ 172	223	180	49	208	25
Φ 200	246	208	49	236	25
Φ 230	278	238	49	266	25
Φ 254	300	262	49	290	25
Φ 300	378	308	49	365	30