

40 Series Servo Motor

Product Characteristic

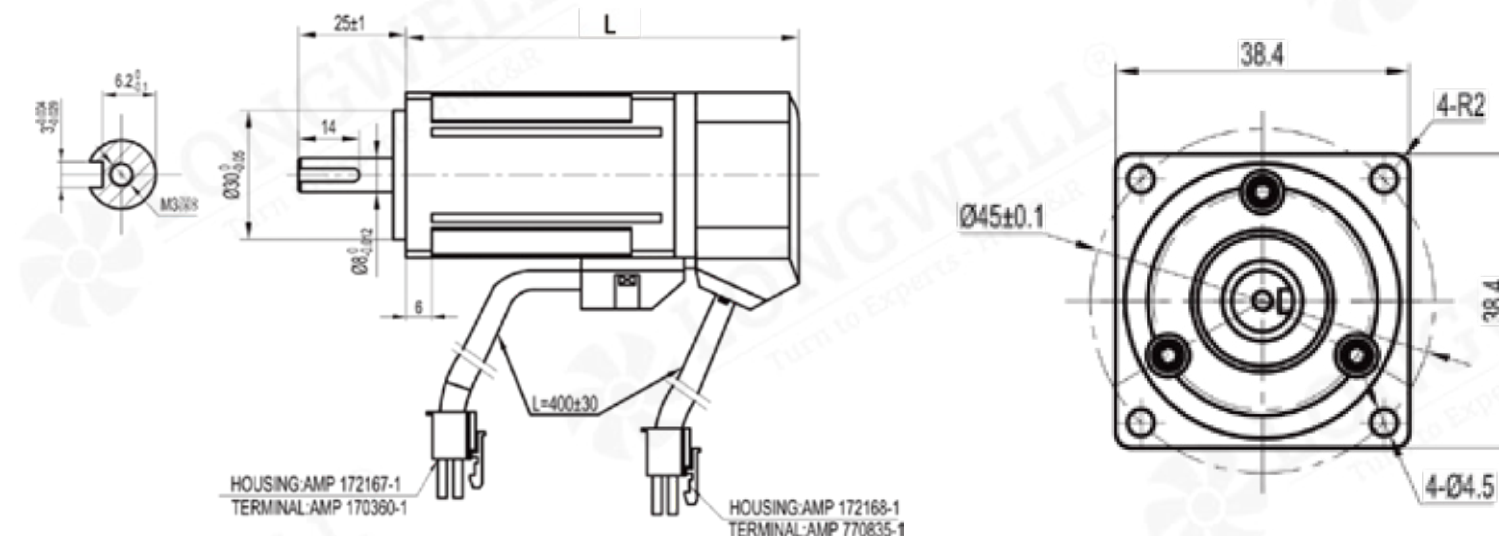
- Insulation Class: F
- Protection Level: IP65
- Environment Requirement: Work: 0 C ~ +55 C
Preserve: 20 C ~ 80 C
Above Sea Level 1000m
Vibration: 5.88/S 2.1-60Hz
Work or Preserve: 90%RH(No Condensation)



Technical Specifications

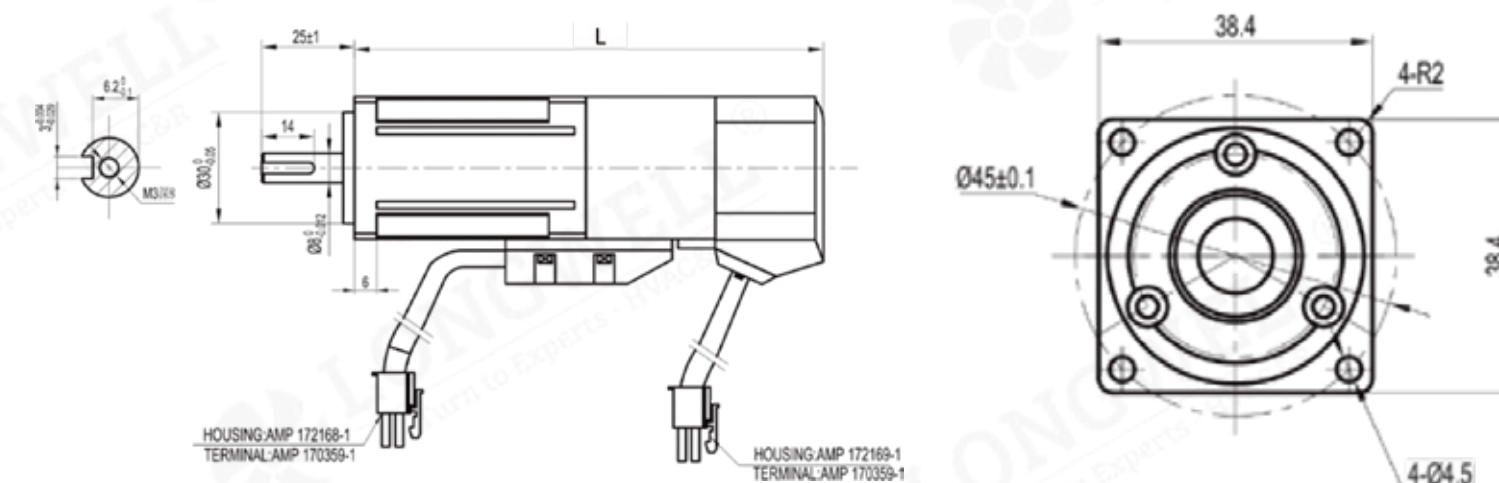
Model	LWES4004A-10D30A1 LWES4004A-10D30N1 LWES4004A-10D30A2	LWES4004A-10D30N2-001 LWES4004A-10D30L1 LWES4004A-10D30L2	LWES4005A-05S30N1-001 LWES4005A-05S30N2-001	Low Voltage Servo LWES40004K-10D30L3
Rated Power (Watts)	100	100	50	100
Rated Voltage (V)	310	310	310	24
Rated Current (Amps)	1.2	1.2	0.56	5.6
Rated Speed (RPM)	3000	3000	3000	3000
Rated Torque (N.M)	0.32	0.32	0.16	0.32
Peak Torque (N.M)	0.96	0.96	0.48	0.9
Back EMF Constant (V/kRPM)	16	16	16	6
Torque Coefficient (N.M/Amps)	0.265	0.265	0.265	0.057
Rotor Inertia (Kg.cm²)	0.045	0.045	0.03	0.045
Line-line Resistance(Ω)	11	11	23	0.6
Line-line Inductance(mH)	8	8	16	0.86
Mechanical Time-constant(Ms)	0.86	0.86	0.86	1.08

40 Serie(Without Brake Series)



Type	Power (W)	L(mm)				Weight(Kg)			
		A	B	L	N	A	B	L	N
40	50	/	/	/	65	/	/	/	0.34
40	100	91.5	/	97	85	0.48	/	0.52	0.45

40 Serie(With Brake Series)



Type	Power (W)	L(mm)				Weight(Kg)			
		A	B	L	N	A	B	L	N
40	50	/	/	/	95	/	/	/	0.58
40	100	127	/	127	115	0.72	/	0.72	0.76

60 Series Servo Motor

Product Characteristic

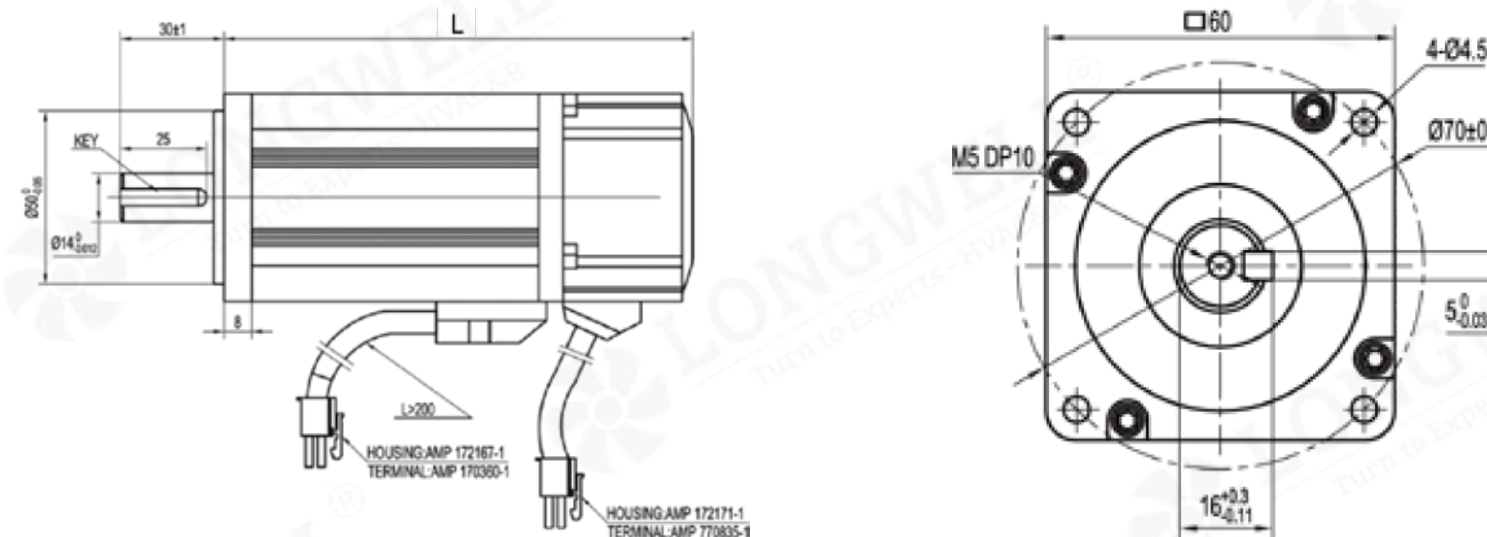
- Insulation Class: F
- Protection Level: IP65
- Environment Requirement: Work: 0 C ~ +55 C
Preserve: 20 C ~ 80 C
Above Sea Level 1000m
Vibration: 5.88/S 2.1-60Hz
Work or Preserve: 90%RH(No Condensation)



Technical Specifications

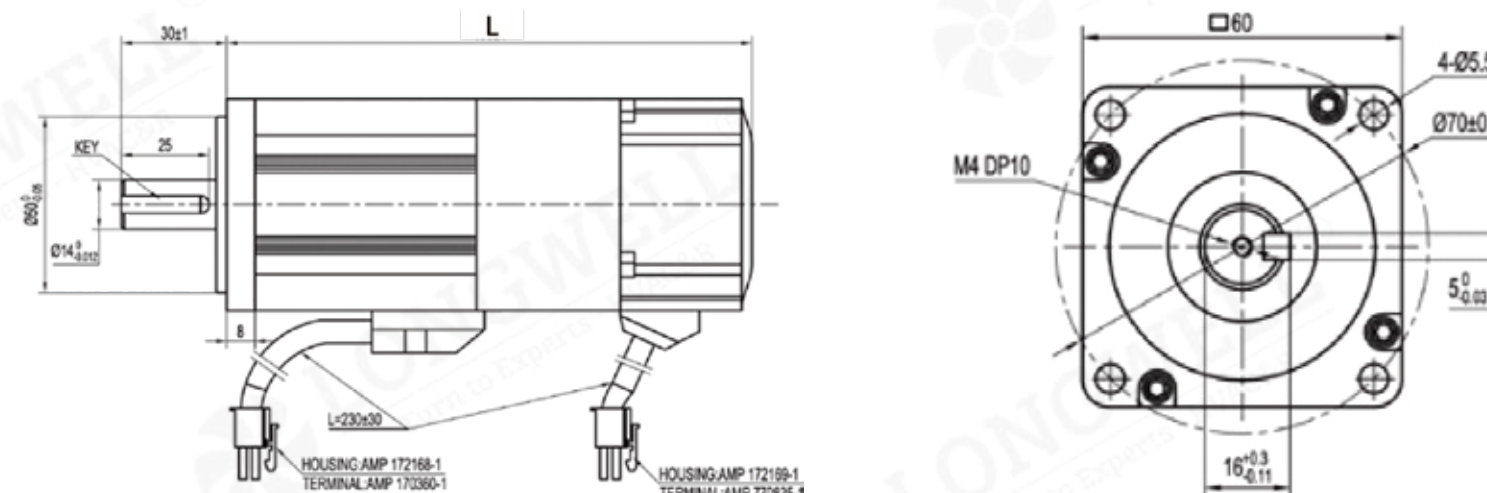
Model	LWES6004A-40S30B1 LWES6004A-40S30B2	LWES6005A-40D30A2 LWES6005A-40D30L1	LWES6005A-40D30L2 LWES6005A-40D30A1	LWES6005A-20S30N1-T LWES6005A-20S30N2-T	LWES6005A-20D30L1 LWES6005A-20D30A2	LWES6005A-20D30L2 LWES6005A-20D30A1	Low Voltage Servo ES6004H-20S30B1 ES6004G-40S30B1
Rated Power (Watts)	400	400	400	200	200	200	200/400
Rated Voltage (V)	310	310	310	310	310	310	36/48
Rated Current (Amps)	2.65	2.65	2.65	1.6	1.6	1.6	9/12
Rated Speed (RPM)	3000	3000	3000	3000	3000	3000	3000
Rated Torque (N.M)	1.27	1.27	1.27	0.64	0.64	0.64	0.64/1.27
Peak Torque (N.M)	3.81	3.81	3.81	1.91	1.91	1.91	1.92/3.81
Back EMF Constant (V/kRPM)	32	32	32	32	32	32	/
Torque Coefficient (N.M/Amps)	0.48	0.48	0.48	0.45	0.45	0.45	/
Rotor Inertia (Kg.cm²)	0.67	0.67	0.67	0.42	0.42	0.42	0.32/0.45
Line-line Resistance(Ω)	3.5	3.7	3.7	8.8	8.8	8.8	0.25/0.29
Line-line Inductance(mH)	8	12	12	24	24	24	0.5/0.65
Mechanical Time-constant(Ms)	1.3	1.3	1.3	1.3	1.3	1.3	1.3

60 Serie(Without Brake Series)



Type	Power (W)	A	B	L(mm)	N	A	B	L	N
60	200	101	/	116	81	0.98	/	1.05	0.86
60	400	121	136	136	/	1.28	1.35	1.42	/

60 Serie(With Brake Series)



Type	Power (W)	A	B	L(mm)	N	A	B	L	N
60	200	135	/	150	113	1.46	/	1.47	1.23
60	400	155	169	170	/	1.85	1.8	1.86	/

80 Series Servo Motor

Product Characteristic

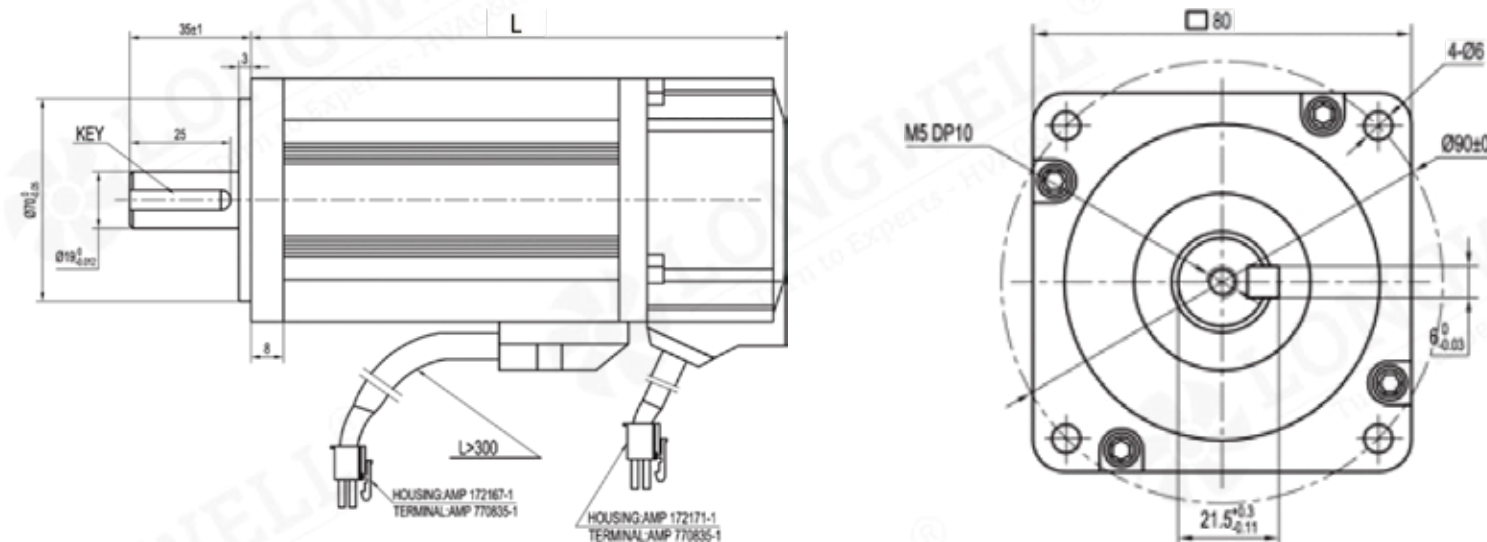
- Insulation Class: F
- Protection Level: IP65
- Environment Requirement: Work: 0 C ~ +55 C
Preserve: 20 C ~ 80 C
Above Sea Level 1000m
Vibration: 5.88/S 2.1-60Hz
Work or Preserve: 90%RH(No Condensation)



Technical Specifications

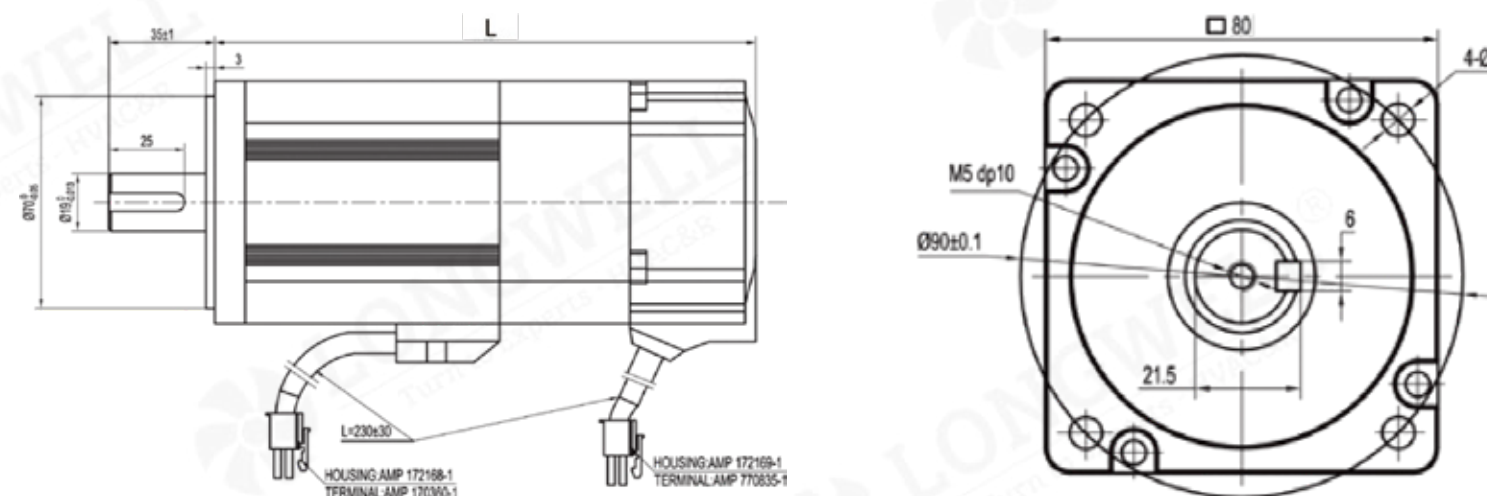
Model	LWES8004A-75S30B1 LWES8005A-75D30L2	LWES8005A-75D30A1 LWES8005A-75D30A2	LWES8005A-75D30B2 LWES8005A-75D30L1	Low Voltage Servo LWES8004G-75S30B1
Rated Power (Watts)	750	750	750	750
Rated Voltage (V)	310	310	310	48
Rated Current (Amps)	4	4	4	20
Rated Speed (RPM)	3000	3000	3000	3000
Rated Torque (N.M)	2.4	2.4	2.4	2.38
Peak Torque (N.M)	7.2	7.2	7.2	7.2
Back EMF Constant (V/kRPM)	39	39	39	8
Torque Coefficient (N.M/Amps)	0.6	0.6	0.6	0.132
Rotor Inertia (Kg.cm²)	1.51	1.51	1.51	1.51
Line-line Resistance(Ω)	1.4/1.5	1.5	1.5	0.15
Line-line Inductance(mH)	9/11	11	11	0.5

80 Serie(Without Brake Series)



Type	Power (W)	A	B	L(mm)	N	A	B	L	N
80	750	125	141	141	/	2.42	2.43	2.43	/

80 Serie(With Brake Series)



Type	Power (W)	A	B	L(mm)	N	A	B	L	N
80	750	125.5	179	179	/	3.47	2.45	3.49	/

130 Series Servo Motor

Product Characteristic

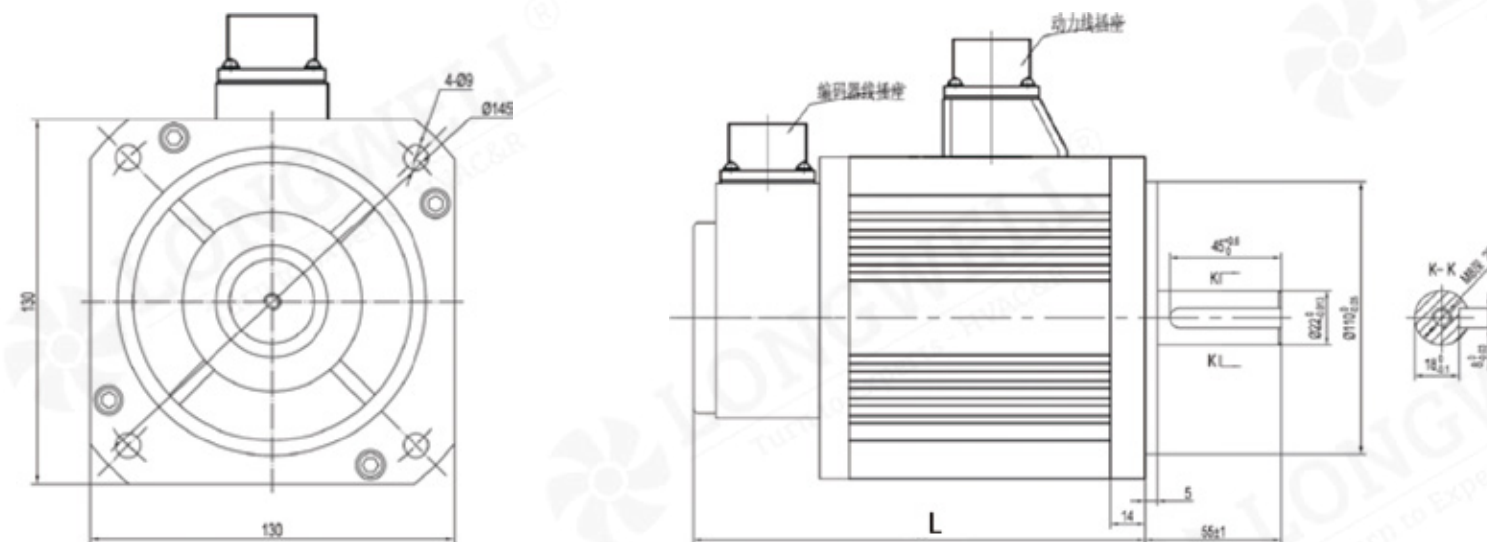
- Insulation Class: F
- Protection Level: IP65
- Environment Requirement: Work: 0 C ~ +55 C
Preserve: 20 C ~ 80 C
Above Sea Level 1000m
Vibration: 5.88/S 2.1-60Hz
Work or Preserve: 90%RH(No Condensation)



Technical Specifications

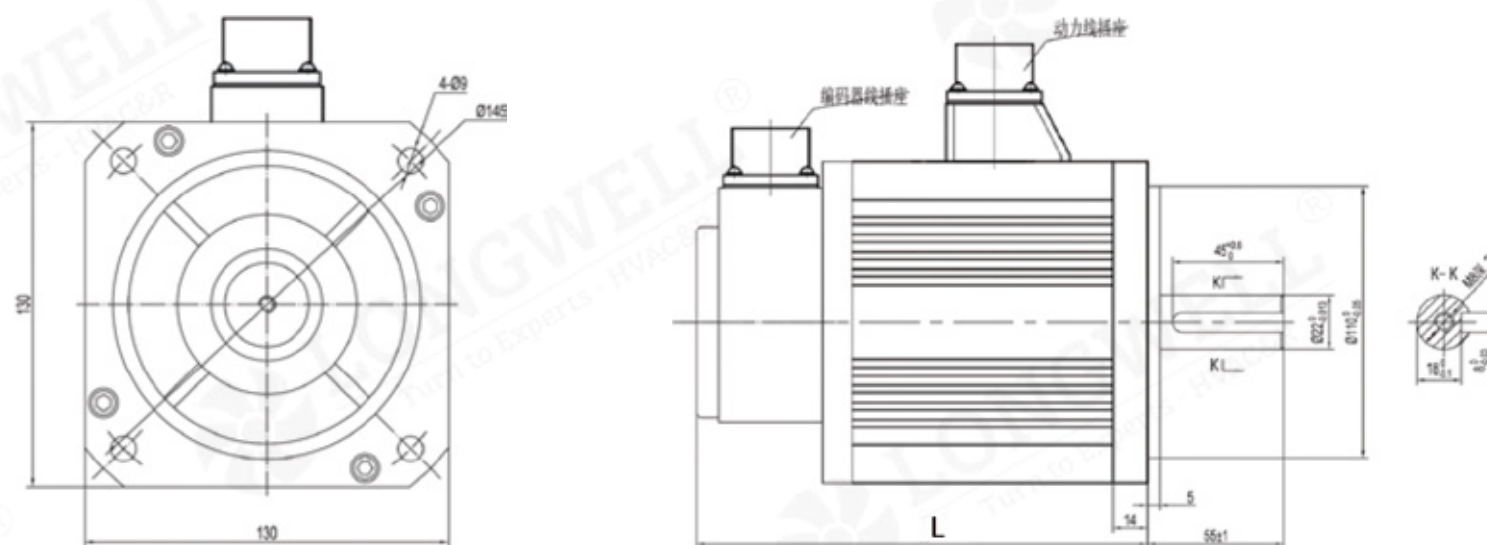
Model	LWES13005A-100D20L1 LWES13005A-100D20L2	LWES13005A-150D20L1 LWES13005A-150D20L2	LWES13005A-200D20L1 LWES13005A-200D20L2	LWES13005A-400D10L1 LWES13005A-400D10L2
Rated Power (Watts)	1000	1500	2000	2000
Rated Voltage (V)	310	310	310	310
Rated Current (Amps)	5.5	8.8	12	9.5
Rated Speed (RPM)	2000	2000	2000	1000
Rated Torque (N.M)	4.7	7.2	9.55	20
Peak Torque (N.M)	14.7	21.6	28.65	40
Back EMF Constant (V/kRPM)	55	62	80/55	153
Torque Coefficient (N.M/Amps)	0.6	0.6	0.79/0.6	1.5
Rotor Inertia (Kg.cm²)	4.5	6.7	8.9	17.8
Line-line Resistance(Ω)	1.2	0.8	0.5/0.46	1.1
Line-line Inductance(mH)	12	8.4	5.4/6.5	13.7

130 Serise(Without Brake Series)



Type	Power (W)	L(mm)				Weight(Kg)			
		A	B	L	N	A	B	L	N
130	1000	/	/	143.5	/	/	/	5	/
130	1500	/	/	157	/	/	/	6.09	/
130	2000	/	/	171	/	/	/	7.2	/
130	4000	/	/	226	/	/	/	11.4	/

130 Serise(With Brake Series)



Type	Power (W)	L(mm)				Weight(Kg)			
		A	B	L	N	A	B	L	N
130	1000	/	/	182.5	/	/	/	7.26	/
130	1500	/	/	196	/	/	/	8.34	/
130	2000	/	/	210	/	/	/	9.47	/
130	4000	/	/	262	/	/	/	13.6	/