CCL Motors

For Mobility & Healthcare Product

Driving Excellence in Motion Solutions

CHIAPHUA COMPONENTS

Driving the future

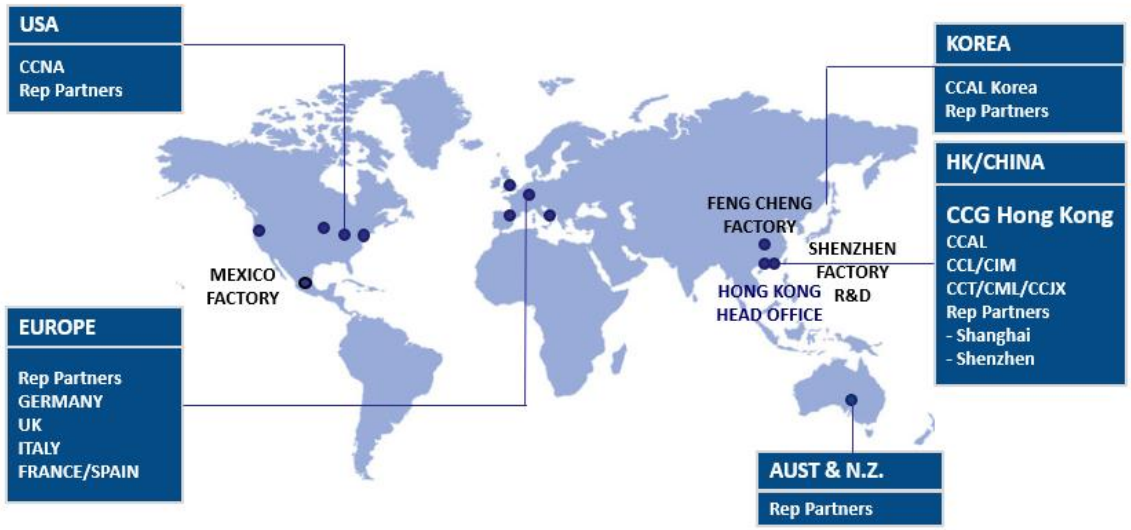
of High-Performance Electric Motors Worldwide

Chiaphua Components Group (CCG) specializes in innovative motor solutions, including **PMDC, induction motors, gear motors transaxles, hub drive motors, linear actuators and more**, delivering exceptional quality and reliability to mobility & healthcare products.

At CCG, we craft innovative, high-performance motor solutions that power progress across industries. Discover our legacy, advanced capabilities, and unwavering commitment to excellence.

Our dedication to quality, sustainability, and customer satisfaction underpins everything we do.

GLOBAL PRESENCE AT A GLANCE



PMDC Motors for Mobility & Healthcare Product

	Motor Series	Voltage	Rated Speed	Rated Torque	Rated Input Power	Insulation Class	Motor Diameter	MIS Catalogue
	PMDC	V	rpm	kg-cm / lb-in	W		mm/ Inch	Page No.
	DB	3-36V DC	3000-20000	0.3/ 0.26	20-200	A,B	35.8/ 1.41	4
	DC	100-250V DC	3000-13000	0.75-1.20/ 0.65-1.04	40-300	A,E,B	51.7/ 2.04	6
	DS	12-24V DC	3000-6000	0.10-0.60/ 0.09-0.52	2-80	A,E	40.0/ 1.57	11
	PM18R	12-48V DC / 100-250V DC	2000-6000	0.12-0.54/ 0.10-0.47	10-130	A,E,B	45.3/ 1.78	13
	PM20R	12-230V DC	1900-8500	0.28-1.67/ 0.24-1.45	10-140	A,E,B	52.4/ 2.06	14
	PM25R	12-230V DC	800-5600	0.81-2.75/ 0.70-2.39	10-400	A,E,B	65.0/ 2.56	16

Induction Motor for Mobility & Healthcare Product

	Motor Series	Voltage	Rated Speed	Rated Torque	Rated Output Power	Insulation Class	Motor Diameter	MIS Catalogue
	Induction Motor	V	rpm	kg-cm / lb-in	W		mm/ Inch	Page No.
	IB 2/4 pole	100-240V AC (50/60Hz)	1400-3000	1.0-7.5/ 0.87-6.53	24-131	A,E,B,F	82.4 / 3.24	43

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Custom frames available on request.

Gear Motors for Mobility & Healthcare Product

	Motor Series	Voltage	Rated Speed	Rated Torque	Rated Output Power	Gear Ratio	Motor Dia (mm/inch)	MIS Catalogue
	Gear Motor	V	rpm	kg-cm / lb-in	W		mm/ Inch	Page No.
	GD33D-01/02	12-36V DC	100-280	133.4-268.8/ 116.7-233.3	200-400	16:1, 32:1	83.5/ 3.3	78
	GD35D-03	12-36V DC	100-210	176.4-301.8/ 153.12-261.96	200-450	26.8:1, 21.75:1, 32:1, 16:1	89.3/ 3.52	80
	GD45D-12	24-48V DC	94	120.0/ 104.2	115	24.43:1	115.0 / 4.53	83
	GS30/35D-02 (Optional Break)	12-36V DC	150-250	50.0/ 43.4	100-300	17.75:1	63.5 / 88.9	88
	GS32B-02	24V DC	125	125.5/ 108.8	160	17.75:1	80.0 / 3.15	89
	GS35D-05	12-36V DC	100-200	50.0-141.5/ 43.4-122.8	100-350	14.2:1, 17.75:1	89.0 / 3.5	90
	GS40B-05	24V DC	126-154	104.0/ 90.27	150	17.75:1	102.6 / 4.04	91
	GD40D-06	12-36V DC	123-135	48.0-85.0/ 41.7-73.8	150-400	26:1	102.0 / 4.0	81
	GW25D-01 (Optional Break)	12-36V DC	100-200	45.6-100.6/ 39.6-87.3	50-150	35:1	54.9 / 2.16	98
	GW30D-22	12-36V DC	40-58	30.0-120.0/ 26.0-104.0	20-65	49:1	78.1 / 3.0	100
	GW33D-05	12-60V DC	21-240	122.4-315.0/ 106.5-273.0	100-350	25:1, 60:1	83.8 / 3.3	102
	GW40D-14	12-60V DC	80-200	249.19/ 216.31	150-500	22.3:1	102.5 / 4.03	104

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Transaxles for Mobility & Healthcare Product

	Motor Series	Voltage	Rated Speed	Rated Torque	Loading Capacity	Rated Output Power	Gear Ratio	Motor Diameter	MIS Catalogue
	Transaxle	V	rpm	kg-cm / lb-in	kg-cm / lb-in	W		mm/ Inch	Page No.
	GT25B-25	36V DC	184-225	110.0/ 95.9	425.1/ 369.0	230	20.7:1	63.5/ 2.5	107
	GT25D-06 (Optional Break)	12-24V DC	150-230	82.1-113.4/ 71.26-98.43	315.0/ 273.41	100-300	17.75:1	64.9/ 2.56	108
	GT25D-17 (Optional Break)	12-24V DC	150-230	82.1-113.4/ 71.26-98.43	315.0/ 273.41	100-300	17.75:1	64.9/ 2.56	109
	GT33/ GT40D-01	12-36V DC	100-200	160.0-214.0/ 138.87-185.74	805.4/ 699.05	150-500	19.75:1	83.8/ 3.3	110
	GT33D-02	12-36V DC	160-180	170.8-209.0/ 148.12-181.40	854.3/ 741.5	200-350	16.75:1	83.8/ 3.3	111
	GT33/ GT40D-05	12-36V DC	100-200	178.7-196.0/ 155.1-170.1	933.4/ 810.2	150-400	19.75:1	83.8/ 3.3	112
	GT33D-11	12-48V DC	80-150	163.0/ 141.4	453.0/ 392.8	150-250	18:1	83.8/ 3.3	113
	GT40B-01	24-48V DC	230	105.0/ 91.0	510.5/ 443.1	260	19.75:1	102.6/ 4.04	114
	GT40D-10	12-36V DC	90-220	335.47/ 291.17	335.47/ 291.17	260-1000	19.75:1	101.6/ 4.0	115

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Transaxles for Mobility & Healthcare Product

	Motor Series	Voltage	Rated Speed	Rated Torque	Loading Capacity	Rated Output Power	Gear Ratio	Motor Diameter	MIS Catalogue
	Transaxle	V	rpm	kg-cm / lb-in	kg-cm / lb-in	W		mm/ Inch	Page No.
	GT48D-03	12-36V DC	70-120	1125.0/ 975.6	5115.0/ 4439.62	600-1200	29.9:1	122.9/ 4.84	116
	GT48D-15	24-48V DC	163-220	312.9-542.2/ 271.58-470.61	2259.6/ 1961.24	800-1500	15.3:1, 20.9:1	122.9/ 4.84	117
	GT48D-18	12-36V DC	70-220	600.0-1200.0/ 520.8-1041.0	5115.0/ 4439.82	600-1200	29.88:1	122.9/ 4.84	118
	GT56D-20	24-48V DC	134	1500.0/ 1300.9	13312.5/ 11556	2100	29.17:1	142.5/ 5.61	119
	GT56E-07	24-36V DC	80-150	3085.0/ 2675.3	15428.6/ 13379.7	2500	29.2:1	141.5/ 5.57	120
	GT58B-18	24-48V DC	125	1125.0/ 976.5	5411.6/ 4697.6	1450	30.43:1	147.0 / 5.787	121
	GT66I-19	32-48V DC	50-150	1500-4000/ 1302-3472	-	1500-2500	29.17:1	162.0/ 6.37	122
	GT66D-09	48V DC	100-200	750.0-1490.0/ 651.0-1293.3	10605/ 9205.14	1200-2300	17.25:1	171.0/ 6.73	123

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Hub Drive Motors for Mobility & Healthcare Product

Motor Series	Voltage	Rated Speed	Rated Torque	Loading Capacity	Rated Output Power	Gear Ratio	Motor Diameter	MIS Catalogue
Hub Motor	V	rpm	kg-cm / lb-in	kg-cm / lb-in	W		mm/ Inch	Page No.
GP66D-01	24-48V DC	120-140	397.68/ 345.17	2220.9/ 1927.66	600-1000	18.0:1	250.0/ 9.84	126
GP66D-02	24-48V DC	110-150	712.06/ 618.04	5585.0/ 4847.56	800-1200	16.7:1	250.0/ 9.84	127
GP66D-03	24-48V DC	110-230	480.31-508.7/ 416.89-441.53	5137.30/ 4458.97	600-1000	14.4:1	250.0/ 9.84	128

Linear Actuators for Mobility & Healthcare Product

Motor Series	Voltage	Rated Speed	Stroke Length	Loading Capacity	Insulation Class	Motor Diameter	MIS Catalogue
Linear Actuator	V	mm/sec	mm/inch	kg-cm/ lb-in		mm/ Inch	Page No.
AS30B-01	12-36V DC	10-40	127.0/ 5.0	272.2/ 600.0	A,B,H	76.2/ 3.0	130
AS15T-03	24V DC	4-15	45.0/ 1.77	136.0/ 300.0	A,B,H	40.0/ 1.57	131
AW25D-33F	12-36V DC	3-9	92.0/ 3.62	272.2/ 600.0	A,B,H	63.5/ 2.50	134

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