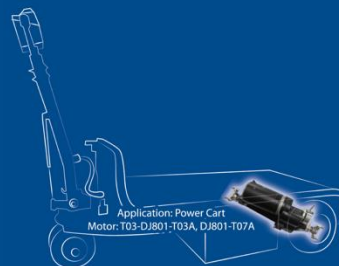
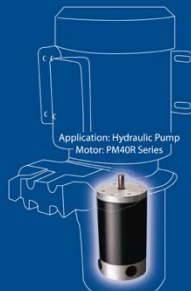


CCL Motors

For Industrial Product



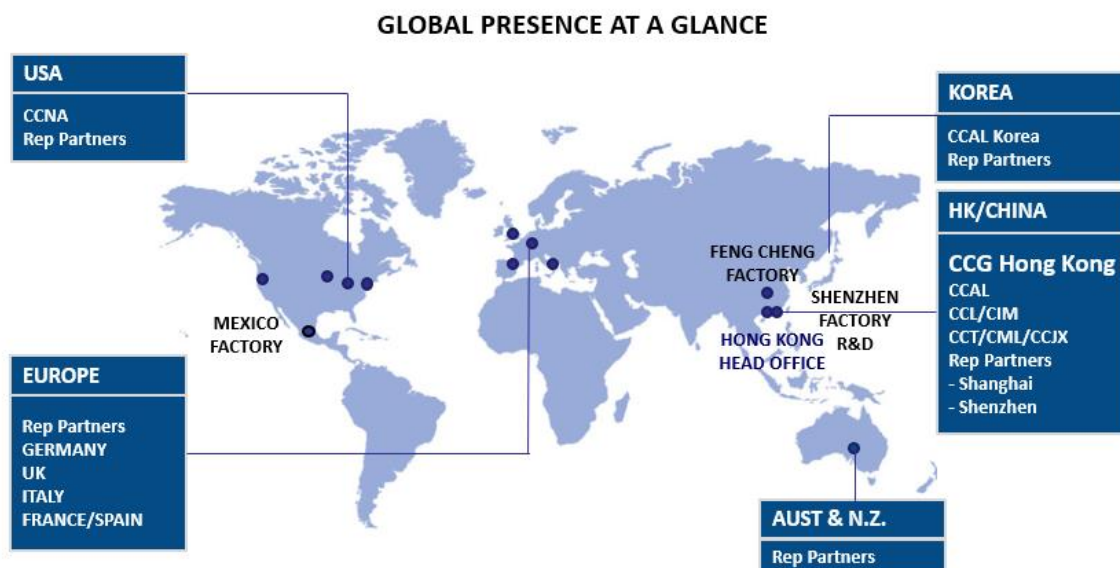
Driving the future

of High-Performance Electric Motors Worldwide

Chiaphua Components Group (CCG) specializes in innovative motor solutions, including **PMDC, BLDC, universal motors, induction motors, gear motors, transaxles, hub drive, linear actuators and more**, delivering exceptional quality and reliability to industrial product market.

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.



PMDC IMP Motors for Industrial Product



Motor Series	Voltage	Rated Speed	Rated Torque	Rated Input Power	Insulation Class	Motor Dia (mm/inch)	MIS Catalogue
PMDC	V	rpm	kg-cm / lb-in	W		mm/Inch	Page No.
PM15R	12-48V DC	4300-7200	0.20-0.38/ 0.20-0.33	14-120	A,E,B	40.4 / 1.59	12
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
PM21R	12-120V DC	2000-16400	1.52-1.91/ 1.32-1.66	24-300	A,E,B	54.5 / 2.15	15
PM25R	12-230V DC	800-5600	0.81-2.75/ 0.70-2.39	10-400	A,E,B	65.0 / 2.56	16
PM30R	12-220V DC	1400-6000	1.47-8.20/ 1.28-7.12	30-1200	A,E,B	78.9 / 3.11	17
PM33R	12-230V DC	1300-11000	2.64-5.20/ 2.29-4.51	60-1500	A,E,B	83.8 / 3.3	18
PM35R	24V DC	1500-3500	3.0 / 2.6	100-250	A,E,B	89.0 / 3.5	19
PM40R	24-115V DC	800-15000	7.83-13.10/ 6.80-11.37	300-2000	A,E,B	102.6 / 4.04	20
PM45R	12-24V DC	2100-3000	5.0 / 4.3	170-200	A	115.0 / 4.52	21
PM46R	12-120V DC	1000-3500	11.72-20.90/ 10.17-18.14	100-2400	A,E,B	119.1 / 4.69	22
PM48R	12-120V DC	600-3300	9.80-29.30/ 8.53-25.40	300-2800	A,E,B	122.7 / 4.83	23
PM56R	12-36V DC	800-4000	12.85-22.36/ 11.15-20.28	400-3000	A,E,B	143.0 / 5.63	24
PM62R	12-36V DC	950-3600	34.90-46.89/ 30.3-40.7	160-3000	A,E,B	156.0 / 6.14	25

All product information is for reference only, detailed specification is subject to final confirmation.
Custom frames available on request.

PMDC Motors for Industrial 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
DF	6-36V DC	9000-17000	0.60-0.92/ 0.50-0.80	60-200	A,B	42.2 / 1.66	5
DC	100-250V DC	3000-13000	0.75-1.20/ 0.65-1.04	40-300	A,E,B	51.7 / 2.04	6
DL	100-250V DC	9000-20000	0.53-1.05/ 0.46-0.91	100-360	A,E,B,F,H	42.3 / 1.67	8
DS	12-24V DC	3000-6000	0.10-0.60/ 0.09-0.52	2-80	A,E	40.0 / 1.57	11

Brushless Motors for Industrial Product



Motor Series	Voltage	Rated Speed	Rated Torque	Rated Output Power	Insulation Class	Motor Diameter	MIS Catalogue
BLDC	V	rpm	kg-cm / lb-in	W		mm/ Inch	Page No.
BF3I33	115/230V AC (50/60Hz)	1550	-	10-70	B	84.5 / 3.32	28
BM2ECB	24-48V DC	4200-10000	-	1.5-5.0	A	32.1 / 1.26	31
BM2EFB	12-24V DC	2200-6000	-	2-8	A	38.0 / 1.50	32
BM2EHC	12-24V DC	800-2200	-	3-15	A	50.6 / 1.99	33
BM3I14	24V DC	2100	-	5.3	B	36.0 / 1.42	34
BM3I16	12-60V DC / 220V AC	18000	-	200	B	42.0 / 1.65	35
BM3I23	24-48V DC / 60-220V AC	5000	-	70	B	66.7 / 2.63	36
BM3I33	150/230V AC 12-48V DC	2000-6000	-	100-300	B	83.0 / 3.3	37
BM3I33-12/40	14-48V DC	1000-5000	-	10-100	B	90.0 / 3.5	38
BM3I40	12-48V DC	1372-3160	-	100-200	B	102.6 / 4.0	40

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Induction Motors for Industrial 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.
	IA 2/4 pole	100-240V AC (50/60Hz)	1400-2750	4.0-23.0/ 3.48-20.01	67-245	A,E,B,F	112.0 / 4.41	42
	IC 2/4/6/8 pole	100-240V AC (50/60Hz)	700-3000	5.0-37.0/ 4.35-32.19	46-472	A,E,B,F	127.0 / 5.01	44
	ID 2/4/6 pole	100-240V AC (50/60Hz)	1000-3000	11.0-65.0/ 9.57-56.55	148-865	A,E,B,F	143.0 / 5.63	45
	IE 4 pole	100-240V AC (50/60Hz)	1400	20.0-43.0/ 17.4-37.41	200-360	A,E,B,F	131.0 / 5.16	46
	IH 2/4 pole	100-240V AC (50/60Hz)	1400-3300	1.6-3.5/ 1.39-3.04	50-70	A,E,B,F	84.0 / 3.31	47
	IM 2/4/6 pole	100-240V AC (50/60Hz)	900-3200	2.0-4.5/ 1.74-3.92	50-220	A,E,B,F	102.4 / 4.03	49
	ACS61 4/6 pole	100-240V AC (50/60Hz)	900-1700	25.0-45.0/ 21.74-39.13	260-275	A,E,B,F	143.8 / 5.66	50

Universal Motors for Industrial Product

	Universal Motor	V	rpm	kg-cm / lb-in	W		mm/ Inch	Page No.
	UK	100-240V AC (50/60Hz)	12000-18000	0.1-5.5/ 0.09-4.79	150-450	A,B,F,H	82.0 / 3.23	55
	UM	100-240V AC (50/60Hz)	10000-20000	10.20-0.85/ 0.17-0.74	30-150	A,B,F	54.0 / 2.13	56
	UP	100-240V AC (50/60Hz)	12000-18000	0.6-5.0/ 0.52-4.34	80-360	A,B,F	70.0 / 2.76	57

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Custom frames available on request.

Gear Motors for Industrial 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.
	Low Voltage DN	12-36V DC	13-150	50.0/43.4	5-60	63:1, 69:1	60.0/2.36	76
	High Voltage DO	100-120V AC	40-100	90.0/78.3	60-220	63:1	60.0/2.36	77
	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
	GD33D-14	12-36V DC	100-340	45.0-180.0/39.1-156.3	140-210	9.7:1, 16:1	78.1-83.1/3.0-3.3	79
	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
	GD40D-13	12V DC	16	576.0/500.0	82	137.25:1	102.5/4.0	82
	GP20B	24V DC	250	11.0-105.0/9.73-91.14	30-200	40:1	51.7/2.03	84
	GP23B-08	12-36V DC	20-120	5.0-30.0/4.3-26.0	5-45	40:1	62.0/2.44	85
	GP25D-01	12-36V DC	100-300	15.8-19.1/13.8-16.6	30-100	6:1	129.0/5.08	86

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Custom frames available on request.

Gear Motors for Industrial 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.
	GW23B-26	12-36V DC	20-60	5.0-30.0/ 4.3-26.0	5-20	69:1	62.0/ 2.44	97
	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
	GW25D/ GW30D-03	12-36V DC	50-150	56.10-183.74/ 48.8-159.5	30-100	30:1, 35:1, 63:1	63.5/76.2 2.5/3.0	99
	GW33D-02	12-36V DC	50-600	31.7-175.4/ 27.5-152.2	100-350	8:1, 20:1, 30:1, 63:1	83.8/ 3.3	101
	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-02	12-36V DC	100-200	279.9/ 247.89	150-500	21.5:1	102.0/ 4.0	103

All product information is for reference only, detailed specification is subject to final confirmation.
Custom frames available on request.

Transaxles for Industrial Product

Motor Series	Voltage	Rated Speed	Rated Torque	Loading Capacity	Rated Output Power	Gear Ratio	Motor Dia (mm/inch)	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 Industrial Product

Motor Series	Voltage	Rated Speed	Rated Torque	Loading Capacity	Rated Output Power	Gear Ratio	Motor Dia (mm/inch)	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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Custom frames available on request.

Hub Drive Motors for Industrial 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 Actuator for Industrial Product



Motor Series	Voltage	Rated Speed (mm/sec)	Stroke Length (mm/inch)	Loading Capacity (kg-cm/lb-in)	Insulation Class	Motor Dia (mm)	Page No.
Linear Actuator	V	rpm	kg-cm / lb-in	W		mm/ Inch	Page No.
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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