

Slow Speed Shaft Direction	
Horizontal, slow speed shaft level	H
Vertical, slow speed shaft down	V
Vertical, slow speed shaft up	W
Universal mounting	N

Mounting style	
Foot	H
V flange	V
Flange	F

Type of Input	
Gearmotor	M
With adaptor	JM

Special Specifications	
Standard specification	blank
Special specification	S

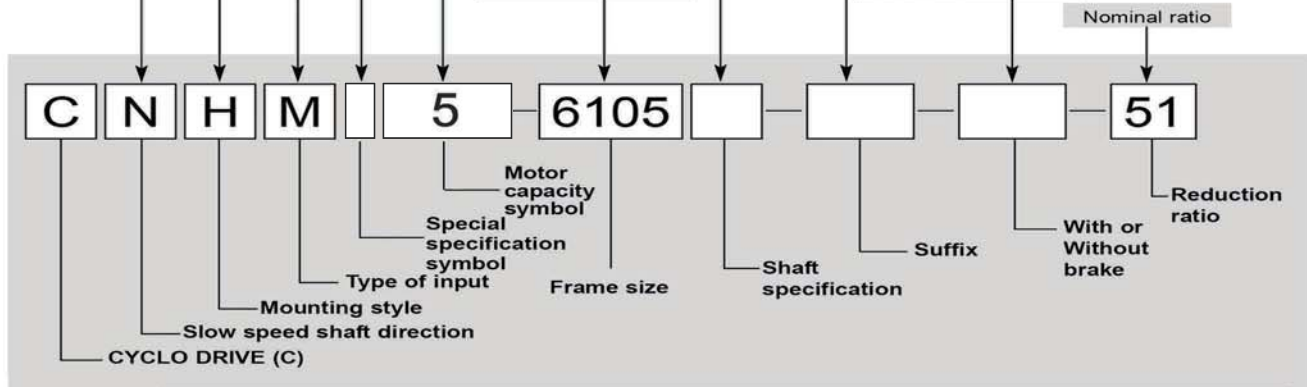
		Motor Capacity Symbol						
4P	Capacity symbol	01	02	03	05	08	1	
	kW (HP)	0.1 (1/8)	0.2 (1/4)	0.25 (1/3)	0.4 (1/2)	0.55 (3/4)	0.75 (1)	
	Capacity symbol	1H	2	3	4	5	8	
	kW (HP)	1.1 (1.5)	1.5 (2)	2.2 (3)	3.0 (4)	3.7 (5)	5.5 (7.5)	
	Capacity symbol	10	15	20	25	30	40	
	kW (HP)	7.5 (10)	11 (15)	15 (20)	18.5 (25)	22 (30)	30 (40)	
6P	Capacity symbol	50	60	75	100			
	kW (HP)	37 (50)	45 (60)	55 (75)	75 (100)			
	Capacity symbol	016	026	036	056	086	16	
	kW (HP)	0.1 (1/8)	0.2 (1/4)	0.25 (1/3)	0.4 (1/2)	0.55 (3/4)	0.75 (1)	
	Capacity symbol	1H6	26	36	46	56	86	
	kW (HP)	1.1 (1.5)	1.5 (2)	2.2 (3)	3.0 (4)	3.7 (5)	5.5 (7.5)	
6P	Capacity symbol	106	156	206	256	306	406	
	kW (HP)	7.5 (10)	11 (15)	15 (20)	18.5 (25)	22 (30)	30 (40)	
	Capacity symbol	506	606	756	1006	1256	1506	
	kW (HP)	37 (50)	45 (60)	55 (75)	75 (100)	90 (125)	110 (150)	
	Capacity symbol	1756						
	kW (HP)	132 (175)						

Shaft specification	
Metric JIS (Standard)	-
Inch size	Y
Metric DIN	G

Suffix		
Standard	-	Low Backlash
Light Heavy Radial	R1	With AF (inverter) motor
High Cap. Brg. Ductile Casing	R2	Servo Motor
Baseplate	BP	DC Motor
HH Type Ceiling	H1	High Efficiency Motor
Modification Left Wall	H2	Torque Limiter
Modification Right Wall	H3	

With or Without Brake	
Without brake	-
With brake	B

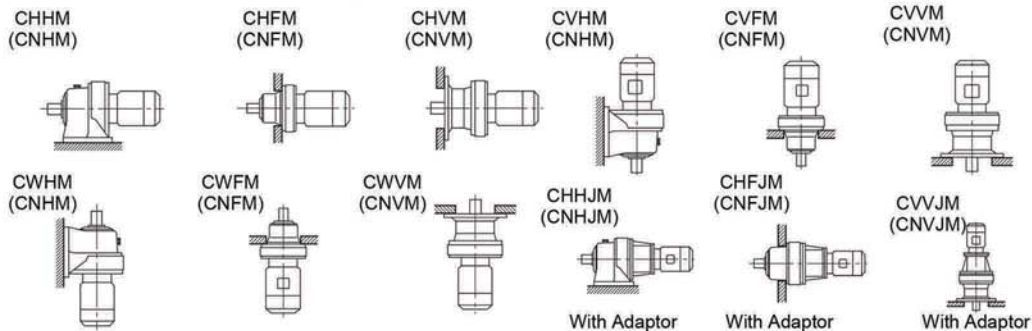
Frame size  
(Refer to Selection  
Tables starting from  
page B-13.)



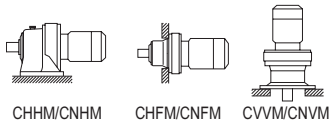
Product and Nomenclature Symbol Examples (Gearmotor)

Standard and various application products of CYCLO GEARMOTOR are classified by their nomenclature symbol as below. Refer to specific catalogs or consult us for details on our application products.

CYCLO® GEARMOTORS



# Selection Tables Gearmotors #CNHM5, #CHHM5, #CNVM5, #CVVM5



<h2 style="margin: 0;">3.7 kW</h2>		Hz		50Hz		60Hz	
		P		4	6	4	6
		$n_1$	r/min	1450	980	1750	1165

$n_1$ : Motor Speed

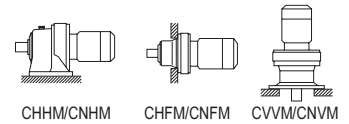
50Hz					60Hz					Nomenclature			Page of Dimension Sheet				
Output Speed $n_2$ r/min	Output Torque Tout		Allowable Radial Load Pro		SF	Output Speed $n_2$ r/min	Output Torque Tout		Allowable Radial Load Pro		SF	Input Capacity Symbol	Frame Size	Reduction Ratio	CNHM	CNFM	CNVM
	N-m	kgf-m	N	kgf			N-m	kgf-m	N	kgf					CHHM	CHFM	CVVM
580	57.9	5.90	<b>1820</b>	<b>186</b>	<b>1.01</b>	700	48.0	4.89	<b>1790</b>	<b>182</b>	<b>1.01</b>	5 - 6105SK	- 2.5 *3	<b>B-99</b>	-	<b>B-134</b>	
			2620	267	1.39				2500	255	1.39	5 - 6110SK	- 2.5 *3	B-99	-	B-134	
			2620	267	1.74				2500	255	1.74	5 - 6115SK	- 2.5 *3	B-99	-	B-134	
483	69.5	7.08	<b>1850</b>	<b>189</b>	<b>1.05</b>	583	57.5	5.87	<b>1810</b>	<b>185</b>	<b>1.05</b>	5 - 6105SK	- 3 *3	<b>B-99</b>	-	<b>B-134</b>	
			2770	282	1.43				2650	270	1.43	5 - 6110SK	- 3 *3	B-99	-	B-134	
			2770	282	1.78				2650	270	1.78	5 - 6115SK	- 3 *3	B-99	-	B-134	
363	92.6	9.44	<b>1960</b>	<b>200</b>	<b>1.02</b>	438	76.7	7.82	<b>1940</b>	<b>198</b>	<b>1.02</b>	5 - 6105SK	- 4 *3	<b>B-99</b>	-	<b>B-134</b>	
			2920	298	1.45				2820	287	1.45	5 - 6110SK	- 4 *3	B-99	-	B-134	
			2920	298	1.81				2820	287	1.81	5 - 6115SK	- 4 *3	B-99	-	B-134	
290	116	11.8	<b>2010</b>	<b>205</b>	<b>1.00</b>	350	95.9	9.78	<b>2000</b>	<b>204</b>	<b>1.00</b>	5 - 6105SK	- 5 *3	<b>B-99</b>	-	<b>B-134</b>	
			3040	310	1.25				2930	299	1.25	5 - 6110SK	- 5 *3	B-99	-	B-134	
			3040	310	1.56				2930	299	1.56	5 - 6115SK	- 5 *3	B-99	-	B-134	
242	139	14.2	1960	200	0.85	292	115	11.7	1970	201	0.85	5 - 6105SK	- 6 *3	B-99	-	B-134	
			<b>3160</b>	<b>322</b>	<b>1.14</b>				<b>3060</b>	<b>312</b>	<b>1.14</b>	5 - 6110SK	- 6 *3	<b>B-99</b>	-	<b>B-134</b>	
			3160	322	1.43				3060	312	1.43	5 - 6115SK	- 6 *3	B-99	-	B-134	
			<b>4580</b>	<b>467</b>	<b>1.06</b>				<b>4320</b>	<b>440</b>	<b>1.06</b>	5 - 6115	- 6	<b>B-101</b>	<b>B-117</b>	<b>B-136</b>	
			5210	531	1.37				4910	500	1.37	5 - 6120	- 6	B-101	B-117	B-136	
			5210	531	1.88				4910	500	1.57	5 - 6125	- 6	B-101	B-117	B-136	
181	185	18.9	6120	624	2.54	219	153	15.6	5760	587	2.54	5 - 6130	- 6	B-102	B-118	B-137	
			<b>3260</b>	<b>332</b>	<b>1.00</b>				<b>3190</b>	<b>325</b>	<b>1.00</b>	5 - 6110SK	- 8 *3	<b>B-99</b>	-	<b>B-134</b>	
			3260	332	1.25				3190	325	1.25	5 - 6115SK	- 8 *3	B-99	-	B-134	
			<b>5090</b>	<b>519</b>	<b>1.06</b>				<b>4800</b>	<b>489</b>	<b>1.06</b>	5 - 6115	- 8	<b>B-101</b>	<b>B-117</b>	<b>B-136</b>	
			5800	591	1.37				5470	557	1.37	5 - 6120	- 8	B-101	B-117	B-136	
			5800	591	1.88				5470	557	1.88	5 - 6125	- 8	B-101	B-117	B-136	
145	232	23.6	6820	695	2.54	175	192	19.6	6420	655	2.54	5 - 6130	- 8	B-102	B-118	B-137	
			<b>3360</b>	<b>343</b>	<b>1.03</b>				<b>3330</b>	<b>339</b>	<b>1.03</b>	5 - 6115SK	- 10 *3	<b>B-99</b>	-	<b>B-134</b>	
			<b>5780</b>	<b>589</b>	<b>1.06</b>				<b>5460</b>	<b>557</b>	<b>1.06</b>	5 - 6115	- 11	<b>B-101</b>	<b>B-117</b>	<b>B-136</b>	
132	255	26.0	6580	670	1.37	159	211	21.5	6200	632	1.37	5 - 6120	- 11	B-101	B-117	B-136	
			6580	670	1.60				6200	632	1.60	5 - 6125	- 11	B-101	B-117	B-136	
			7770	792	2.54				7320	746	2.54	5 - 6130	- 11	B-102	B-118	B-137	
112	301	30.7	<b>5960</b>	<b>608</b>	<b>1.05</b>	135	249	25.4	<b>5640</b>	<b>574</b>	<b>1.05</b>	5 - 6115	- 13	<b>B-101</b>	<b>B-117</b>	<b>B-136</b>	
			6780	691	1.37				6400	652	1.37	5 - 6120	- 13	B-101	B-117	B-136	
			6780	691	1.60				6400	652	1.60	5 - 6125	- 13	B-101	B-117	B-136	
			8080	824	2.54				7620	776	2.54	5 - 6130	- 13	B-102	B-118	B-137	
96.7	347	35.4	8080	824	2.76	117	288	29.3	7620	776	3.05	5 - 6135	- 13	B-102	B-118	B-137	
			<b>6330</b>	<b>646</b>	<b>1.05</b>				<b>5990</b>	<b>611</b>	<b>1.05</b>	5 - 6115	- 15	<b>B-101</b>	<b>B-117</b>	<b>B-136</b>	
			7260	741	1.37				6860	699	1.37	5 - 6120	- 15	B-101	B-117	B-136	
			7260	741	1.60				6860	699	1.60	5 - 6125	- 15	B-101	B-117	B-136	
85.3	394	40.1	8250	841	2.10	103	326	33.2	7770	792	2.10	5 - 6130	- 15	B-102	B-118	B-137	
			8250	841	2.42				7770	792	2.42	5 - 6135	- 15	B-102	B-118	B-137	
			<b>6380</b>	<b>650</b>	<b>1.05</b>				<b>6040</b>	<b>616</b>	<b>1.05</b>	5 - 6115	- 17	<b>B-101</b>	<b>B-117</b>	<b>B-136</b>	
			7320	747	1.32				6920	705	1.37	5 - 6120	- 17	B-101	B-117	B-136	
			7320	747	1.53				6920	705	1.53	5 - 6125	- 17	B-101	B-117	B-136	
			8850	902	1.96				8340	850	1.96	5 - 6130	- 17	B-102	B-118	B-137	
69.0	486	49.6	8850	902	2.24	83.3	403	41.1	8340	850	2.24	5 - 6135	- 17	B-102	B-118	B-137	
			13100	1330	2.73				12300	1260	2.73	5 - 6140	- 17	B-102	B-118	B-137	
			5010	511	0.84				6350	647	0.84	5 - 6115	- 21	B-101	B-117	B-136	
			<b>8010</b>	<b>816</b>	<b>1.07</b>				<b>7570</b>	<b>772</b>	<b>1.07</b>	5 - 6120	- 21	<b>B-101</b>	<b>B-117</b>	<b>B-136</b>	
			8010	816	1.29				7570	772	1.32	5 - 6125	- 21	B-101	B-117	B-136	
			9440	962	1.82				8900	908	1.66	5 - 6130	- 21	B-102	B-118	B-137	
14000	1420	2.34	9440	962	1.82	83.3	403	41.1	8900	908	1.66	5 - 6135	- 21	B-102	B-118	B-137	
			14000	1420	2.34				13200	1350	2.34	5 - 6140	- 21	B-102	B-118	B-137	
			14000	1420	2.56				13200	1350	2.97	5 - 6145	- 21	B-102	B-118	B-137	

GEARMOTORS  
Selection Tables  
3.7 kW

6. "\*"2" indicate models manufactured with reducer and motor separately mounted on a common baseplate (horizontal shaft direction) or on an adaptor (vertical shaft direction). Consult us for details, including dimensions.
7. Allowable radial load (Pro) is the value at the midpoint of the slow speed shaft.
8. "\*"3" indicate models with reduction ratios equal to nominal ratio. Refer to Table A-3 "6000 SK Series (Actual Reduction Ratio)" on page A-4 for actual reduction ratio. Indicated reduction ratio is the same as actual reduction ratio for other models.
9. Maintain torque load during operation within "Output torque" in the table for models with "\*"1" in the SF column. They cannot be operated with 100% motor rating.

# Selection Tables Gearmotors #CNHM5, #CHHM5, #CNVM5, #CVVM5

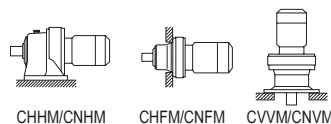
3.7 kW	Hz		50Hz		60Hz	
	P		4	6	4	6
	n <sub>1</sub>	r/min	1450	980	1750	1165



50Hz					60Hz					Nomenclature			Page of Dimension Sheet										
Output Speed n <sub>2</sub> r/min	Output Torque Tout N·m	Output Torque Tout kgf·m	Allowable Radial Load Pro N	SF	Output Speed n <sub>2</sub> r/min	Output Torque Tout N·m	Output Torque Tout kgf·m	Allowable Radial Load Pro N	SF	Input Capacity Symbol	Frame Size	Reduction Ratio	CNHM	CNFM	CNVM								
			kgf					kgf					CHHM	CHFM	CVVM								
58.0	579	59.0	<b>8350</b>	<b>1.07</b>	70.0	480	48.9	<b>7900</b>	<b>1.07</b>	5 -	<b>6125</b>	<b>- 25</b>	<b>B-101</b>	<b>B-117</b>	<b>B-136</b>								
			9790	1.35				9240	1.39				6130	- 25	B-102	B-118	B-137						
			9790	1.55				9240	1.61				6135	- 25	B-102	B-118	B-137						
			14600	1.86				13800	1.86				6140	- 25	B-102	B-118	B-137						
			14600	2.14				13800	2.14				6145	- 25	B-102	B-118	B-137						
			17200	2.66			16200	2.66		6160	- 25	B-103	B-119	B-138									
50.0	671	68.4	8640	0.94	60.3	556	56.7	8180	1.02	5 -	<b>6125</b>	<b>- 29</b>	B-101	B-117	B-136								
			<b>10300</b>	<b>1.16</b>				<b>9700</b>	<b>1.21</b>				<b>6130</b>	<b>- 29</b>	<b>B-102</b>	<b>B-118</b>	<b>B-137</b>						
			10300	1.32				9700	1.52				6135	- 29	B-102	B-118	B-137						
			14900	1.61				14200	1.61				6140	- 29	B-102	B-118	B-137						
			14900	2.04				14200	2.04				6145	- 29	B-102	B-118	B-137						
			18000	2.58			16900	2.84		6160	- 29	B-103	B-119	B-138									
41.4	810	82.6	<b>10800</b>	<b>1.11</b>	50.0	671	68.4	<b>10200</b>	<b>1.15</b>	5 -	<b>6135</b>	<b>- 35</b>	<b>B-102</b>	<b>B-118</b>	<b>B-137</b>								
			16000	1.41				15100	1.41				6140	- 35	B-102	B-118	B-137						
			16000	1.69				15100	2.04				6145	- 35	B-102	B-118	B-137						
			19100	2.16				17900	2.61				6160	- 35	B-103	B-119	B-138						
			19100	2.59				17900	3.08				6165	- 35	B-103	B-119	B-138						
33.7	995	101	11500	0.91	40.7	825	84.1	10900	1.02	5 -	<b>6135</b>	<b>- 43</b>	B-102	B-118	B-137								
			<b>16000</b>	<b>1.06</b>				<b>15800</b>	<b>1.06</b>				<b>6140</b>	<b>- 43</b>	<b>B-102</b>	<b>B-118</b>	<b>B-137</b>						
			16000	1.26				15800	1.46				6145	- 43	B-102	B-118	B-137						
			20300	1.74				19200	2.01				6160	- 43	B-103	B-119	B-138						
			20300	2.11				19200	2.14				6165	- 43	B-103	B-119	B-138						
			23000	2.45			21700	2.64		6170	- 43	B-103	B-119	B-138									
28.4	1180	120	<b>16000</b>	<b>1.00</b>	34.3	978	99.7	<b>16000</b>	<b>1.14</b>	5 -	<b>6145</b>	<b>- 51</b>	<b>B-102</b>	<b>B-118</b>	<b>B-137</b>								
			21100	1.49				19900	1.55				6160	- 51	B-103	B-119	B-138						
			21100	1.78				19900	2.04				6165	- 51	B-103	B-119	B-138						
			24000	2.07				22600	2.27				6170	- 51	B-103	B-119	B-138						
			24000	2.67				22600	3.05				6175	- 51	B-103	B-119	B-138						
24.6	1370	139	16000	0.86	29.7	1130	115	16000	0.98	5 -	6145	- 59	B-102	B-118	B-137								
			<b>22100</b>	<b>1.19</b>				<b>22100</b>	<b>1.19</b>				<b>6160</b>	<b>- 59</b>	<b>B-103</b>	<b>B-119</b>	<b>B-138</b>						
			22100	1.54				22100	1.55				6165	- 59	B-103	B-119	B-138						
			25100	1.79				23700	1.93				6170	- 59	B-103	B-119	B-138						
			25100	2.24				23700	2.24				6175	- 59	B-103	B-119	B-138						
			33600	2.64			31600	2.64		6180	- 59	B-104	B-120	B-139									
20.4	1640	168	22100	1.28	24.6	1360	139	21900	1.53	5 -	6165	- 71	B-103	B-119	B-138								
			26500	1.49				25000	1.60				6170	- 71	B-103	B-119	B-138						
			26500	1.89				25000	1.93				6175	- 71	B-103	B-119	B-138						
			35700	2.38				33600	2.38				6180	- 71	B-104	B-120	B-139						
			35700	2.65				33600	2.65				6185	- 71	B-104	B-120	B-139						
16.7	2010	205	<b>21800</b>	<b>1.02</b>	20.1	1670	170	<b>21800</b>	<b>1.05</b>	5 -	<b>6165</b>	<b>- 87</b>	<b>B-103</b>	<b>B-119</b>	<b>B-138</b>								
			28400	1.24				26800	1.30				6170	- 87	B-103	B-119	B-138						
			28400	1.52				26800	1.52				6175	- 87	B-103	B-119	B-138						
			38400	1.93				36200	1.93				6180	- 87	B-104	B-120	B-139						
			38400	2.32				36200	2.32				6185	- 87	B-104	B-120	B-139						
13.9	1760	179	22100	*1	16.8	1890	193	22100	*1	5 -	6160DC	- 104	B-111	B-127	B-146								
			22100	0.92				22100	1.11				6165DC	- 104	B-111	B-127	B-146						
			29500	1.11				29000	1.34				6170DC	- 104	B-111	B-127	B-146						
			29500	1.38				29000	1.67				6175DC	- 104	B-111	B-127	B-146						
	2280	233	233	40900				1.78							38500	2.15	5 -	6180DB	- 104	B-111	B-127	B-146	
				40900				2.15						38500	2.59	6185DB				- 104	B-111	B-127	B-146
				57200				2.80						53800	3.22	6190DB				- 104	B-112	B-128	B-147

1. Combinations in **bold** are the recommended models for operations for 10 hours/day with uniform load (service factor is about 1.0 for motor rating at 50Hz).
2. Motor slippage may affect n<sub>1</sub> and n<sub>2</sub>. Refer to technical data for details.
3. CNHM, CHHM, CNFM, CHFM, CNVM, and CVVM indicate types. Refer to page B-10 for details.
4. Lubrication method is different for each model. Refer to "Lubrication" section in page F-4~F-5 for details.
5. "6" at the end of "input capacity symbol" indicates models with 6P motor. Other models come with 4P motor.

# Selection Tables Gearmotors #CNHM5, #CHHM5, #CNVM5, #CVVM5



CHHM/CNHM

CHF/CNFM

CVVM/CNVM

## 3.7 kW

Hz		50Hz		60Hz	
P		4	6	4	6
n <sub>1</sub>	r/min	1450	980	1750	1165

n<sub>1</sub>: Motor Speed

50Hz					60Hz					Nomenclature			Page of Dimension Sheet								
Output Speed n <sub>2</sub> r/min	Output Torque Tout		Allowable Radial Load Pro		SF	Output Speed n <sub>2</sub> r/min	Output Torque Tout		Allowable Radial Load Pro		SF	Input Capacity Symbol	Frame Size	Reduction Ratio	CNHM	CNFM	CNVM	CHHM	CHFM	CVVM	
	N-m	kgf-m	N	kgf			N-m	kgf-m	N	kgf											
12.0	2100	214	22100	2250	*1	14.5	2100	214	22100	2250	*1	5 - 6165DC	- 121	B-111	B-127	B-146					
			29500	3010	1.43				5 - 6175DC	- 121	B-111	B-127	B-146								
	41700	4250	1.85	5 - 6180DB	- 121		B-111	B-127	B-146												
	41700	4250	2.19	5 - 6185DB	- 121		B-111	B-127	B-146												
	59000	6010	2.90	5 - 6190DB	- 121		B-112	B-128	B-147												
10.1	2530	258	29500	3010	*1	12.2	2530	258	29500	3010	*1	5 - 6170DC	- 143	B-111	B-127	B-146					
			<b>29500</b>	<b>3010</b>	<b>1.21</b>				<b>5 - 6175DC</b>	<b>- 143</b>	<b>B-111</b>	<b>B-127</b>	<b>B-146</b>								
	41700	4250	1.56	5 - 6180DB	- 143		B-111	B-127	B-146												
	41700	4250	1.89	5 - 6185DB	- 143		B-111	B-127	B-146												
	59000	6010	1.69	5 - 6190DA	- 143		B-111	B-128	B-147												
8.79	2530	258	29500	3010	*1	10.6	2530	258	29500	3010	*1	5 - 6170DC	- 165	B-111	B-127	B-146					
			29500	3010	1.05				5 - 6175DC	- 165	B-111	B-127	B-146								
	41700	4250	1.35	5 - 6180DB	- 165		B-111	B-127	B-146												
	41700	4250	1.64	5 - 6185DB	- 165		B-111	B-127	B-146												
	59000	6010	1.69	5 - 6190DA	- 165		B-111	B-128	B-147												
7.44	3150	321	29500	3010	*1	8.97	3150	321	29500	3010	*1	5 - 6175DC	- 195	B-111	B-127	B-146					
			41700	4250	1.39				5 - 6185DB	- 195	B-111	B-127	B-146								
	59000	6010	1.69	5 - 6190DA	- 195		B-111	B-128	B-147												
	59000	6010	1.80	5 - 6190DB	- 195		B-112	B-128	B-147												
	59000	6010	1.69	5 - 6195DA	- 195		B-111	B-128	B-147												
6.28	4050	413	41700	4250	*1	7.58	4050	413	41700	4250	*1	5 - 6180DB	- 231	B-111	B-127	B-146					
			41700	4250	1.19				5 - 6185DB	- 231	B-111	B-127	B-146								
	59000	6010	1.52	5 - 6190DA	- 231		B-111	B-128	B-147												
	59000	6010	1.69	5 - 6195DA	- 231		B-111	B-128	B-147												
	59000	6010	1.90	5 - 6195DB	- 231		B-112	B-128	B-147												
6.28	5070	516	84100	8570	1.83	7.58	4200	428	84100	8570	2.21	5 - 6205DB	- 231	B-112	B-129	B-148					
			104000	10600	2.98				5 - 6215DA	- 231	B-112	B-129	B-148								
	140000	14200	3.22	5 - 6225DA	- 231		B-113	B-130	B-149												
	140000	14200	3.53	5 - 6225DB	- 231		B-113	B-130	B-149												
	140000	14200	3.22	5 - 6225DA	- 231		B-113	B-130	B-149												

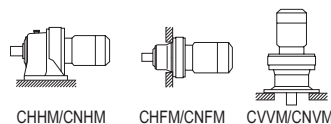
GEARMOTORS

Selection Tables  
3.7 kW

- "\*2" indicate models manufactured with reducer and motor separately mounted on a common baseplate (horizontal shaft direction) or on an adaptor (vertical shaft direction). Consult us for details, including dimensions.
- Allowable radial load (Pro) is the value at the midpoint of the slow speed shaft.
- "\*3" indicate models with reduction ratios equal to nominal ratio. Refer to Table A-3 "6000SK Series (Actual Reduction Ratio)" on page A-4 for actual reduction ratio. Indicated reduction ratio is the same as actual reduction ratio for other models.
- Maintain torque load during operation within "Output torque" in the table for models with "\*" in the SF column. They cannot be operated with 100% motor rating.

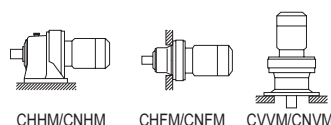


# Selection Tables Gearmotors #CNHM5, #CHHM5, #CNVM5, #CVVM5



3.7 kW	Hz		50Hz		60Hz	
	P		4	6	4	6
	n <sub>1</sub>	r/min	1450	980	1750	1165

50Hz						60Hz						Nomenclature			Page of Dimension Sheet		
Output Speed n <sub>2</sub> r/min	Output Torque Tout		Allowable Radial Load Pro		SF	Output Speed n <sub>2</sub> r/min	Output Torque Tout		Allowable Radial Load Pro		SF	Input Capacity Symbol	Frame Size	Reduction Ratio	CNHM	CNFM	CNVM
	N·m	kgf·m	N	kgf			N·m	kgf·m	N	kgf							
1.16	20500	2090	179000	18200	*1	1.40	20500	2090	179000	18200	*1	5 -	6235DA	-1247	B-114	B-131	B-150
	27300	2790	208000	21200	0.94		22700	2310	208000	21200	1.14	5 -	6245DA	-1247	B-114	B-131	B-150
0.980	22600	2310	208000	21200	*1	1.18	22600	2310	208000	21200	*1	5 -	6245DA	-1479	B-114	B-131	B-150
	32400	3310	258000	26300	0.96		26900	2740	258000	26300	1.15	5 -	6255DA	-1479	B-115	B-132	B-151
0.784	40600	4130	258000	26300	0.85	0.946	33600	3430	258000	26300	1.03	5 -	6255DA	-1849	B-115	B-132	B-151
0.702	34500	3520	258000	26300	*1	0.847	34500	3520	258000	26300	*1	5 -	6255DA	-2065	B-115	B-132	B-151
0.572	34500	3520	258000	26300	*1	0.690	34500	3520	258000	26300	*1	5 -	6255DA	-2537	B-115	B-132	B-151
0.476	31000	3160	258000	26300	*1	0.575	31000	3160	258000	26300	*1	5 -	6255DA	-3045	B-115	B-132	B-151
0.417	34500	3520	258000	26300	*1	0.503	34500	3520	258000	26300	*1	5 -	6255DA	-3481	B-115	B-132	B-151
0.327	31000	3160	258000	26300	*1	0.394	31000	3160	258000	26300	*1	5 -	6255DA	-4437	B-115	B-132	B-151
0.282	34500	3520	258000	26300	*1	0.341	34500	3520	258000	26300	*1	5 -	6255DA	-5133	B-115	B-132	B-151
0.235	31000	3160	258000	26300	*1	0.283	31000	3160	258000	26300	*1	5 -	6255DA	-6177	B-115	B-132	B-151
0.192	31000	3160	258000	26300	*1	0.231	31000	3160	258000	26300	*1	5 -	6255DA	-7569	B-115	B-132	B-151



5.5 kW	Hz		50Hz		60Hz	
	P		4	6	4	6
	n <sub>1</sub>	r/min	1450	980	1750	1165

50Hz						60Hz						Nomenclature			Page of Dimension Sheet		
Output Speed n <sub>2</sub> r/min	Output Torque Tout		Allowable Radial Load Pro		SF	Output Speed n <sub>2</sub> r/min	Output Torque Tout		Allowable Radial Load Pro		SF	Input Capacity Symbol	Frame Size	Reduction Ratio	CNHM	CNFM	CNVM
	N·m	kgf·m	N	kgf			N·m	kgf·m	N	kgf							
580	86.0	8.77	<b>2410</b>	<b>246</b>	<b>1.17</b>	700	71.3	7.27	<b>2330</b>	<b>238</b>	<b>1.17</b>	8 -	6115SK	- 2.5 *3	B-99	-	B-134
483	103	10.5	<b>2530</b>	<b>258</b>	<b>1.20</b>	583	85.5	8.72	<b>2450</b>	<b>250</b>	<b>1.20</b>	8 -	6115SK	- 3 *3	B-99	-	B-134
363	138	14.0	<b>2640</b>	<b>269</b>	<b>1.22</b>	11.6	2580	263	<b>2580</b>	<b>263</b>	<b>1.22</b>	8 -	6115SK	- 4 *3	B-99	-	B-134
290	172	17.5	<b>2690</b>	<b>274</b>	<b>1.05</b>	350	143	14.5	<b>2640</b>	<b>269</b>	<b>1.05</b>	8 -	6115SK	- 5 *3	B-99	-	B-134
242	206	21.0	2710	276	0.96	292	171	17.4	2700	275	0.96	8 -	6115SK	- 6 *3	B-99	-	B-134
			<b>5140</b>	<b>524</b>	<b>1.27</b>				<b>4850</b>	<b>494</b>	<b>1.06</b>	8 -	6125	- 6	B-101	B-117	B-136
			6060	617	1.71				5710	582	1.71	8 -	6130	- 6	B-102	B-118	B-137
			6060	617	2.05				5710	582	2.05	8 -	6135	- 6	B-102	B-118	B-137
			9370	955	2.36				8860	903	2.36	8 -	6140	- 6	B-102	B-118	B-137
			9370	955	2.75				8860	903	2.75	8 -	6145	- 6	B-102	B-118	B-137
181	275	28.1	2680	273	0.84	219	228	23.3	2710	276	0.84	8 -	6115SK	- 8 *3	B-99	-	B-134
			<b>5710</b>	<b>582</b>	<b>1.26</b>				<b>5400</b>	<b>550</b>	<b>1.26</b>	8 -	6125	- 8	B-101	B-117	B-136
			6740	687	1.71				6360	648	1.71	8 -	6130	- 8	B-102	B-118	B-137
			6740	687	2.05				6360	648	2.05	8 -	6135	- 8	B-102	B-118	B-137
			10400	1060	2.36				9820	1000	2.36	8 -	6140	- 8	B-102	B-118	B-137
			10400	1060	2.75				9820	1000	2.75	8 -	6145	- 8	B-102	B-118	B-137
132	379	38.6	<b>6450</b>	<b>658</b>	<b>1.08</b>	159	314	32.0	<b>6100</b>	<b>622</b>	<b>1.08</b>	8 -	6125	- 11	B-101	B-117	B-136
			7680	783	1.71				7240	739	1.71	8 -	6130	- 11	B-102	B-118	B-137
			7680	783	2.05				7240	739	2.05	8 -	6135	- 11	B-102	B-118	B-137
			11600	1190	2.36				11000	1120	2.36	8 -	6140	- 11	B-102	B-118	B-137
			11600	1190	2.75				11000	1120	2.75	8 -	6145	- 11	B-102	B-118	B-137

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- Allowable radial load (Pro) is the value at the midpoint of the slow speed shaft.
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- Maintain torque load during operation within "Output torque" in the table for models with "\*1" in the SF column. They cannot be operated with 100% motor rating.