

CYCLO DRIVE WARRANTY 2 YEARS

Sumitomo Drive Technologies
» Building Tomorrow Together

CYCLO DRIVE GEAR MOTOR
CNHM CHHM CNVM CVVM

Sumitomo Drive Technologies
CYCLO 6000

Sumitomo Drive Technologies

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LET'S SUMITOMO GEAR MOTOR

Nomenclature

Slow Speed Shaft Direction	
Horizontal, slow speed shaft level	H
Vertical, slow speed shaft down	V
Vertically, 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		01	02	03	05	08	1
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)
	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)					

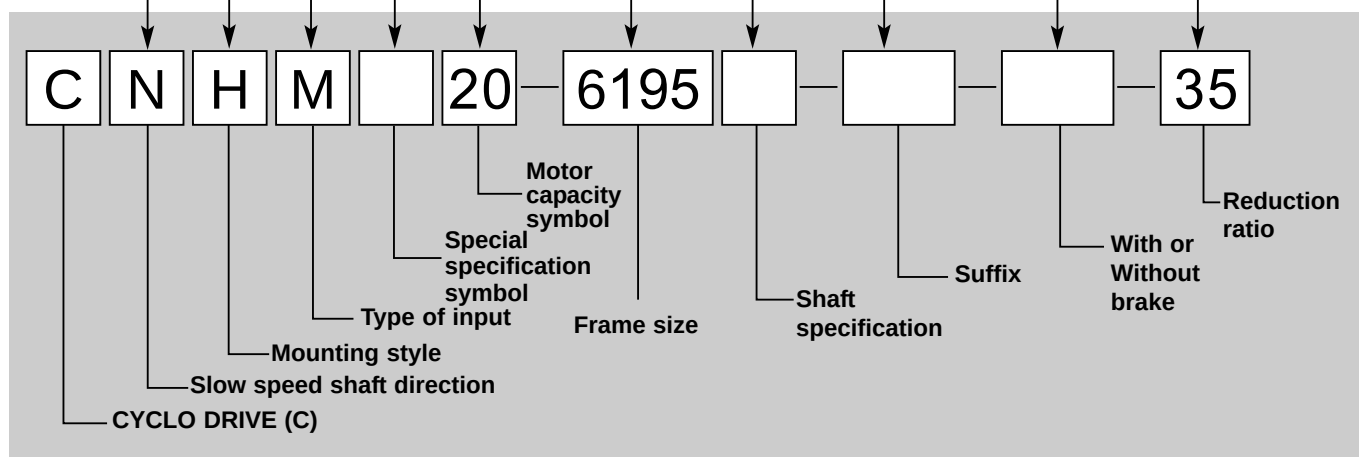
Shaft specification	
Metric JIS (Standard)	-
Inch size	Y
Metric DIN	G

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

With or Without Brake	
Without brake	-
With brake	B

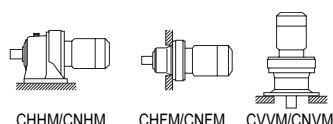
Frame size
(Refer to Selection
Tables starting from
page B-13.)

Nominal ratio



CHHM = FOOT MOUNTING STYLE
CVVM = FLANGE MOUNTING STYLE

Selection Tables Gearmotors



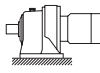
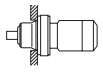
15 kW	Hz		50Hz		60Hz	
	P		4	6	4	6
	n ₁	r/min	1450	980	1750	1165

n₁: Motor Speed

50Hz					60Hz					Nomenclature			Page of Dimension Sheet		
Output Speed n ₂	Output Torque Tout	Allowable Radial Load Pro	SF		Output Speed n ₂	Output Torque Tout	Allowable Radial Load Pro	SF		Input Capacity Symbol	Frame Size	Reduction Ratio	CNHM	CNFM	CNVM
r/min	N·m	kgf·m	N	kgf	r/min	N·m	kgf·m	N	kgf				CHHM	CHFM	CVVM
242	563	57.4	9200	938	292	467	47.6	8730	889	20 -	6145	- 6	B-102	B-118	B-137
			10200	1040				9670	986	20 -	6160	- 6	B-103	B-119	B-138
			10200	1040				9670	986	20 -	6165	- 6	B-103	B-119	B-138
			11600	1180				10900	1110	20 -	6170	- 6	B-103	B-119	B-138
			11600	1180				10900	1110	20 -	6175	- 6	B-103	B-119	B-138
181	751	76.5	10200	1040	219	622	63.4	9660	984	20 -	6145	- 8	B-102	B-118	B-137
			11400	1170				10800	1100	20 -	6160	- 8	B-103	B-119	B-138
			11400	1170				10800	1100	20 -	6165	- 8	B-103	B-119	B-138
			12800	1310				12100	1230	20 -	6170	- 8	B-103	B-119	B-138
			12800	1310				12100	1230	20 -	6175	- 8	B-103	B-119	B-138
132	1030	105	11400	1160	159	855	87.2	10800	1100	20 -	6145	- 11	B-102	B-118	B-137
			12900	1320				12200	1240	20 -	6160	- 11	B-103	B-119	B-138
			12900	1320				12200	1240	20 -	6165	- 11	B-103	B-119	B-138
			14700	1500				13900	1420	20 -	6170	- 11	B-103	B-119	B-138
			14700	1500				13900	1420	20 -	6175	- 11	B-103	B-119	B-138
			19600	2000				18500	1880	20 -	6180	- 11	B-104	B-120	B-139
			19600	2000				18500	1880	20 -	6185	- 11	B-104	B-120	B-139
			27500	2800				25800	2630	20 -	6190	- 11	B-104	B-120	B-139
112	1220	124	11600	1190	135	1010	103	11000	1130	20 -	6145	- 13	B-102	B-118	B-137
			13500	1370				12700	1300	20 -	6160	- 13	B-103	B-119	B-138
			13500	1370				12700	1300	20 -	6165	- 13	B-103	B-119	B-138
			15300	1560				14500	1470	20 -	6170	- 13	B-103	B-119	B-138
			15300	1560				14500	1470	20 -	6175	- 13	B-103	B-119	B-138
			20400	2080				19200	1960	20 -	6180	- 13	B-104	B-120	B-139
			20400	2080				19200	1960	20 -	6185	- 13	B-104	B-120	B-139
96.7	1410	144	28600	2910	117	1170	119	26900	2740	20 -	6190	- 13	B-104	B-120	B-139
			12100	1240				11500	1170	20 -	6145	- 15	B-102	B-118	B-137
			14200	1450				13500	1370	20 -	6160	- 15	B-103	B-119	B-138
			14200	1450				13500	1370	20 -	6165	- 15	B-103	B-119	B-138
			16100	1640				15200	1550	20 -	6170	- 15	B-103	B-119	B-138
			16100	1640				15200	1550	20 -	6175	- 15	B-103	B-119	B-138
			21600	2200				20300	2070	20 -	6180	- 15	B-104	B-120	B-139
85.3	1600	163	21600	2200	103	1320	135	20300	2070	20 -	6185	- 15	B-104	B-120	B-139
			30000	3060				28200	2880	20 -	6190	- 15	B-104	B-120	B-139
			12600	1290				12000	1220	20 -	6145	- 17	B-102	B-118	B-137
			14600	1490				13900	1410	20 -	6165	- 17	B-103	B-119	B-138
			16700	1700				15800	1610	20 -	6170	- 17	B-103	B-119	B-138
			16700	1700				15800	1610	20 -	6175	- 17	B-103	B-119	B-138
			22700	2320				21400	2180	20 -	6180	- 17	B-104	B-120	B-139
69.0	1970	201	22700	2320	83.3	1630	166	21400	2180	20 -	6185	- 17	B-104	B-120	B-139
			31600	3220				29800	3030	20 -	6190	- 17	B-104	B-120	B-139
			15600	1590				14800	1510	20 -	6165	- 21	B-103	B-119	B-138
			17900	1830				17000	1730	20 -	6170	- 21	B-103	B-119	B-138
			17900	1830				17000	1730	20 -	6175	- 21	B-103	B-119	B-138
			24300	2480				22900	2340	20 -	6180	- 21	B-104	B-120	B-139
			24300	2480				22900	2340	20 -	6185	- 21	B-104	B-120	B-139
58.0	2350	239	34000	3470				32000	3260	20 -	6190	- 21	B-104	B-120	B-139
			16200	1650	70.0	1940	198	15400	1570	20 -	6165	- 25	B-103	B-119	B-138
			18500	1890				17500	1780	20 -	6170	- 25	B-103	B-119	B-138
			18500	1890				17500	1780	20 -	6175	- 25	B-103	B-119	B-138
			25300	2580				23800	2430	20 -	6180	- 25	B-104	B-120	B-139
			25300	2580				23800	2430	20 -	6185	- 25	B-104	B-120	B-139
			35600	3620				33500	3410	20 -	6190	- 25	B-104	B-120	B-139
			35600	3620				33500	3410	20 -	6195	- 25	B-104	B-120	B-139

- "*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.

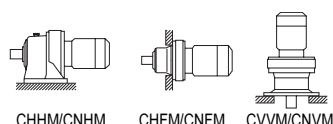
Selection Tables Gearmotors

15 kW		n ₁ : Motor Speed															
		Hz		50Hz		60Hz											
		P		4	6	4	6										
		n ₁ r/min		1450	980	1750	1165										

50Hz						60Hz						Nomenclature			Page of Dimension Sheet						
Output Speed n ₂	Output Torque Tout	Allowable Radial Load Pro		SF	Output Speed n ₂	Output Torque Tout	Allowable Radial Load Pro		SF	Input Capacity Symbol	Frame Size	Reduction Ratio	CNHM	CNFM	CNVM						
r/min	N·m	kgf·m	N	kgf	r/min	N·m	kgf·m	N	kgf				CHHM	CHFM	CVVM						
50.0	2720	277	19400	1980	1.16	60.3	2260	230	18400	1870	1.25	20 -	6175	- 29	B-103	B-119	B-138				
			26400	2690	1.30				24900	2540	1.30	20 -	6180	- 29	B-104	B-120	B-139				
			26400	2690	1.61				24900	2540	1.61	20 -	6185	- 29	B-104	B-120	B-139				
			37400	3810	2.05				35200	3580	2.05	20 -	6190	- 29	B-104	B-120	B-139				
			37400	3810	2.52				35200	3580	2.52	20 -	6195	- 29	B-104	B-120	B-139				
41.4	3280	335	20400	2080	0.96	50.0	2720	277	19400	1970	1.01	20 -	6175	- 35	B-103	B-119	B-138				
			28100	2860	1.23				26500	2700	1.25	20 -	6180	- 35	B-104	B-120	B-139				
			28100	2860	1.51				26500	2700	1.51	20 -	6185	- 35	B-104	B-120	B-139				
			39400	4020	1.62				37100	3780	1.62	20 -	6190	- 35	B-104	B-120	B-139				
			39400	4020	2.01				37100	3780	2.01	20 -	6195	- 35	B-104	B-120	B-139				
33.7	4040	411	29900	3050	1.01	40.7	3340	341	28300	2880	1.01	20 -	6180	- 43	B-104	B-120	B-139				
			29900	3050	1.24				28300	2880	1.25	20 -	6185	- 43	B-104	B-120	B-139				
			42300	4310	1.39				39900	4060	1.39	20 -	6190	- 43	B-104	B-120	B-139				
			42300	4310	1.81				39900	4060	2.01	20 -	6195	- 43	B-104	B-120	B-139				
			77500	7900	2.12				73300	7480	2.12	20 -	6205	- 43	B-105	B-121	B-140				
28.4	4790	488	30900	3150	1.01	34.3	3970	404	29200	2980	1.01	20 -	6185	- 51	B-104	B-120	B-139				
			44100	4490	1.21				41500	4230	1.21	20 -	6190	- 51	B-104	B-120	B-139				
			44100	4490	1.39				41500	4230	1.39	20 -	6195	- 51	B-104	B-120	B-139				
24.6	5540	564	32100	3270	0.80	29.7	4590	468	30400	3100	0.80	20 -	6185	- 59	B-104	B-120	B-139				
			46000	4690	1.02				43400	4430	1.02	20 -	6190	- 59	B-104	B-120	B-139				
			46000	4690	1.25				43400	4430	1.25	20 -	6195	- 59	B-104	B-120	B-139				
			84100	8570	1.51				79700	8120	1.51	20 -	6205	- 59	B-105	B-121	B-140				
			85900	8760	2.26				81300	8290	2.51	20 -	6215	- 59	B-105	B-121	B-140				
20.4	6660	679	48600	4960	1.04	24.6	5520	563	45900	4680	1.04	20 -	6195	- 71	B-104	B-120	B-139				
16.7	8170	832	52100	5310	0.91	20.1	6770	690	49200	5010	0.91	20 -	6195	- 87	B-104	B-120	B-139				
			84100	8570	1.06				84100	8570	1.06	20 -	6205	- 87	B-105	B-121	B-140				
			96100	9790	1.31				91000	9280	1.43	20 -	6215	- 87	B-105	B-121	B-140				
			102000	10400	1.78				96400	9830	1.78	20 -	6225	- 87*2	B-106	B-122	B-141				
			84100	8570	1.13				84100	8570	1.30	206 -	6205	- 59	B-105	B-121	B-140				
16.6	8190	835	96200	9800	1.55	19.7	6890	703	91500	9330	1.83	206 -	6215	- 59	B-105	B-121	B-140				
			102000	10400	1.94				97000	9890	2.22	206 -	6225	- 59	B-106	B-122	B-141				
			84100	8570	1.13				84100	8570	1.30	206 -	6205	- 59	B-105	B-121	B-140				
13.9	6380	650	55800	5690	*1	16.8	6090	621	52400	5340	*1	20 -	6190DB	- 104	B-112	B-128	B-147				
			7350	750	55400				5650	*1	6090	621	52400	5340	*1	20 -	6195DB	- 104	B-112	B-128	B-147
			9250	943	54700				5580	0.80	7660	781	51800	5280	0.80	20 -	6195DB	- 104	B-112	B-128	B-147
12.0	10800	1100	7580	773	59000	6010	*1	14.5	8910	909	7090	723	55700	5680	*1	20 -	6195DB	- 121	B-112	B-128	B-147
			8560	872	84100	8570	*1				7090	723	84100	8570	*1	20 -	6205DB	- 121	B-112	B-129	B-148
			84100	8570	0.80	84100	8570				0.80	20 -	6205DB	- 121	B-112	B-129	B-148				
			104000	10600	1.06	101000	10300				1.28	20 -	6215DB	- 121	B-113	B-129	B-149				
			113000	11600	1.25	108000	11000				1.51	20 -	6225DB	- 121	B-113	B-130	B-149				
			142000	14500	1.69	135000	13800				1.69	20 -	6235DA	- 121	B-114	B-114	B-150				
			142000	14500	1.74	135000	13800				2.10	20 -	6235DB	- 121	B-114	B-114	B-150				
			159000	16200	1.91	150000	15300				2.30	20 -	6245DB	- 121	B-114	B-114	B-150				
			194000	19800	2.12	184000	18700				2.12	20 -	6255DA	- 121	B-115	B-132	B-151				
			194000	19800	2.56	184000	18700				3.08	20 -	6255DB	- 121	B-115	B-132	B-151				
			237000	24200	2.91	225000	22900				3.38	20 -	6265DA	- 121	B-115	B-132	B-151				
			11.3	12100	1230	114000	11600				1.25	13.4	10200	1040	108000	11000	1.48	206 -	6225	- 87	B-106
142000	14500	1.42				135000	13800	1.60	206 -	6235	- 87				B-106	B-122	B-141				
159000	16200	1.87				151000	15400	2.14	206 -	6245	- 87				B-107	B-123	B-142				
196000	19900	2.57				186000	19000	2.86	206 -	6255	- 87				B-107	B-123	B-142				

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 n₁ and n₂. 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

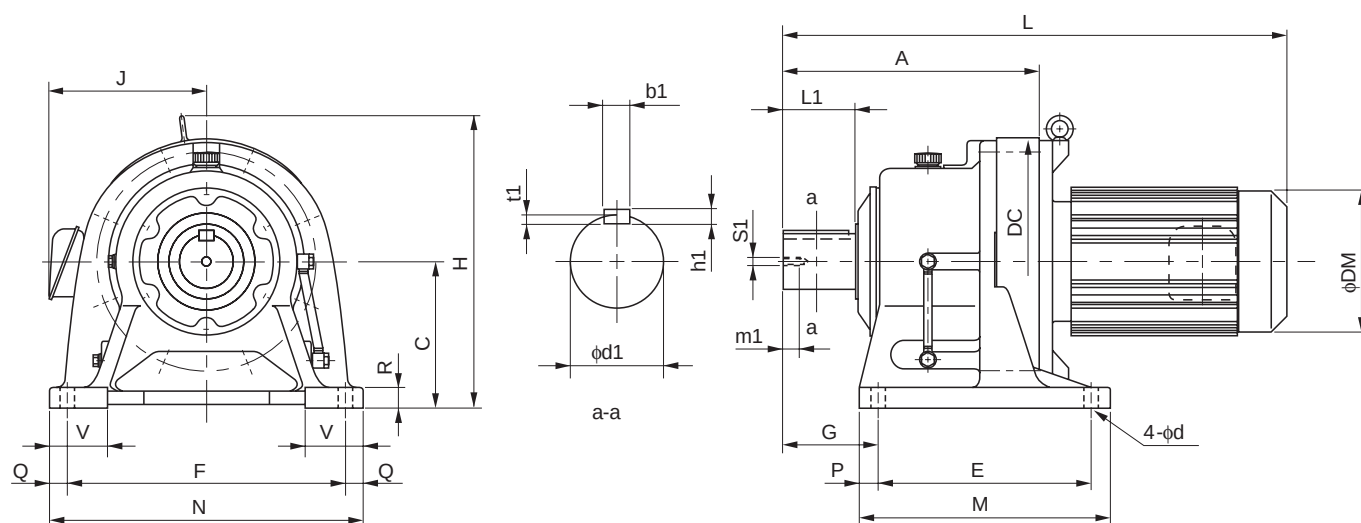


15 kW	n ₁ : Motor Speed			
	Hz		50Hz	
	P	r/min	4	6
	n ₁	r/min	1450	980
			1750	1165

50Hz						60Hz					Nomenclature			Page of Dimension Sheet			
Output Speed n ₂	Output Torque T _{out}	Allowable Radial Load Pro		SF		Output Speed n ₂	Output Torque T _{out}	Allowable Radial Load Pro		SF		Input Capacity Symbol	Frame Size	Reduction Ratio	CNHM	CNFM	CNVM
r/min	N·m	kgf·m	N	kgf		r/min	N·m	kgf·m	N	kgf					CHHM	CHFM	CVVM
8.79	9270	945	84100	8570	*1	10.6	9270	945	84100	8570	*1	20 -	6205DB	- 165	B-112	B-129	B-148
	11700	1190	104000	10600	*1		9670	985	104000	10600	*1	20 -	6215DA	- 165	B-112	B-129	B-148
			104000	10600	0.80				104000	10600	0.80	20 -	6215DA	- 165	B-112	B-129	B-148
			104000	10600	0.83				104000	10600	1.00	20 -	6215DB	- 165	B-113	B-129	B-149
			122000	12500	0.98				116000	11800	1.19	20 -	6225DB	- 165	B-113	B-130	B-149
			152000	15500	1.34				144000	14700	1.61	20 -	6235DA	- 165	B-114	B-114	B-150
	14700	1500	170000	17400	1.69		12200	1240	161000	16400	1.69	20 -	6245DA	- 165	B-114	B-114	B-150
			170000	17400	1.79				161000	16400	2.16	20 -	6245DB	- 165	B-114	B-114	B-150
			209000	21300	2.12				197000	20100	2.12	20 -	6255DA	- 165	B-115	B-132	B-151
			209000	21300	2.12				197000	20100	2.56	20 -	6255DB	- 165	B-115	B-132	B-151
		254000	25900	2.98			241000	24500	3.38	20 -	6265DA	- 165	B-115	B-132	B-151		
7.44	12200	1240	104000	10600	*1	8.97	11400	1160	104000	10600	*1	20 -	6215DA	- 195	B-112	B-129	B-148
	12500	1270	129000	13200	*1		11400	1160	122000	12500	*1	20 -	6225DA	- 195	B-113	B-113	B-149
			128000	13100	0.84				122000	12400	1.01	20 -	6225DB	- 195	B-113	B-130	B-149
			160000	16300	1.13				151000	15400	1.37	20 -	6235DA	- 195	B-114	B-114	B-150
			179000	18200	1.51				169000	17200	1.59	20 -	6245DA	- 195	B-114	B-114	B-150
	17300	1770	179000	18200	1.51		14400	1460	169000	17200	1.83	20 -	6245DB	- 195	B-114	B-114	B-150
			219000	22300	1.80				207000	21100	2.12	20 -	6255DA	- 195	B-115	B-132	B-151
			219000	22300	1.80				207000	21100	2.17	20 -	6255DB	- 195	B-115	B-132	B-151
6.28	14800	1510	137000	14000	*1	7.58	13500	1380	130000	13200	*1	20 -	6225DA	- 231	B-113	B-113	B-149
			171000	17400	0.92				162000	16500	1.11	20 -	6235DA	- 231	B-114	B-114	B-150
			190000	19400	1.26				180000	18400	1.52	20 -	6245DA	- 231	B-114	B-114	B-150
	20500	2090	232000	23700	1.51		17000	1730	220000	22400	1.82	20 -	6255DA	- 231	B-115	B-132	B-151
			276000	28100	2.24				269000	27400	2.70	20 -	6265DA	- 231	B-115	B-132	B-151
												20 -	6265DA	- 231	B-115	B-132	B-151
5.31	18900	1930	179000	18200	*1	6.41	18900	1930	170000	17300	*1	20 -	6235DA	- 273	B-114	B-114	B-150
			200000	20300	1.06				189000	19300	1.28	20 -	6245DA	- 273	B-114	B-114	B-150
	24300	2470	244000	24900	1.28		20100	2050	231000	23500	1.54	20 -	6255DA	- 273	B-115	B-132	B-151
			276000	28100	1.90				276000	28100	2.29	20 -	6265DA	- 273	B-115	B-132	B-151
4.55	18900	1930	179000	18200	*1	5.49	18900	1930	177000	18100	*1	20 -	6235DA	- 319	B-114	B-114	B-150
			208000	21200	0.91				197000	20100	1.10	20 -	6245DA	- 319	B-114	B-114	B-150
			256000	26100	1.14				243000	24800	1.38	20 -	6255DA	- 319	B-115	B-132	B-151
	28400	2890	276000	28100	1.62		23500	2400	276000	28100	1.96	20 -	6265DA	- 319	B-115	B-132	B-151
			248000	25300	2.40				248000	25300	2.90	20 -	6275DA	- 319	B-115	-	B-151
3.85	25800	2630	208000	21200	*1	4.64	25800	2630	207000	21100	*1	20 -	6245DA	- 377	B-114	B-114	B-150
			258000	26300	0.97				255000	26000	1.17	20 -	6255DA	- 377	B-115	B-132	B-151
	33500	3420	276000	28100	1.37		27800	2830	276000	28100	1.66	20 -	6265DA	- 377	B-115	B-132	B-151
		248000	25300	2.03			248000	25300	2.46	20 -	6275DA	- 377	B-115	-	B-151		
3.07	25800	2630	208000	21200	*1	3.70	25800	2630	208000	21200	*1	20 -	6245DA	- 473	B-114	B-114	B-150
	34500	3520	258000	26300	*1		34500	3520	258000	26300	*1	20 -	6255DA	- 473	B-115	B-132	B-151
			258000	26300	0.82				258000	26300	0.98	20 -	6255DA	- 473	B-115	B-132	B-151
			258000	26300	0.82				258000	26300	0.98	20 -	6255DB	- 473	B-115	B-132	B-151
	42100	4290	276000	28100	1.09		34800	3550	276000	28100	1.32	20 -	6265DA	- 473	B-115	B-132	B-151
			248000	25300	1.62				248000	25300	1.96	20 -	6275DA	- 473	B-115	-	B-151
2.59	34500	3520	258000	26300	*1	3.13	34500	3520	258000	26300	*1	20 -	6255DA	- 559	B-115	B-132	B-151
			276000	28100	0.93				276000	28100	1.12	20 -	6265DA	- 559	B-115	B-132	B-151
	49700	5070	248000	25300	1.37		41200	4200	248000	25300	1.66	20 -	6275DA	- 559	B-115	-	B-151
2.23	46000	4690	276000	28100	*1	2.70	46000	4690	276000	28100	*1	20 -	6265DA	- 649	B-115	B-132	B-151
			276000	28100	0.80				276000	28100	0.96	20 -	6265DA	- 649	B-115	B-132	B-151
	57700	5880	248000	25300	1.18		47800	4870	248000	25300	1.43	20 -	6275DA	- 649	B-115	-	B-151
1.98	46000	4690	276000	28100	*1	2.39	46000	4690	276000	28100	*1	20 -	6265DA	- 731	B-115	B-132	B-151
	65000	6630	248000	25300	1.05		53900	5490	248000	25300	1.27	20 -	6275DA	- 731	B-115	-	B-151
1.72	46000	4690	276000	28100	*1	2.08	46000	4690	276000	28100	*1	20 -	6265DA	- 841	B-115	B-132	B-151
	74800	7620	248000	25300	0.91		62000	6320	248000	25300	1.10	20 -	6275DA	- 841	B-115	-	B-151
1.45	68200	6950	248000	25300	*1	1.74	68200	6950	248000	25300	*1	20 -	6275DA	- 1003	B-115	-	B-151
1.16	68200	6950	248000	25300	*1	1.40	68200	6950	248000	25300	*1	20 -	6275DA	- 1247	B-115	-	B-151

- "*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 "*1" in the SF column. They cannot be operated with 100% motor rating.

Dimension Tables Gearmotors (Horizontal Direction, Foot-Mount)

CHHM^{Note 1} - 613□ to 614□

Frame size Note 4	A	C	DC	E	F	G	M	N	P	Q	R	V	d	Output Shaft Note 2, 3, 6						
														d1	L1	b1	h1	t1	S1	m1
613□	240	150	230	145	290	100	195	330	25	20	22	65	18	50	70	14	9	5.5	M10	18
614□	260	150	230	145	290	120	195	330	25	20	22	65	18	50	90	14	9	5.5	M10	18

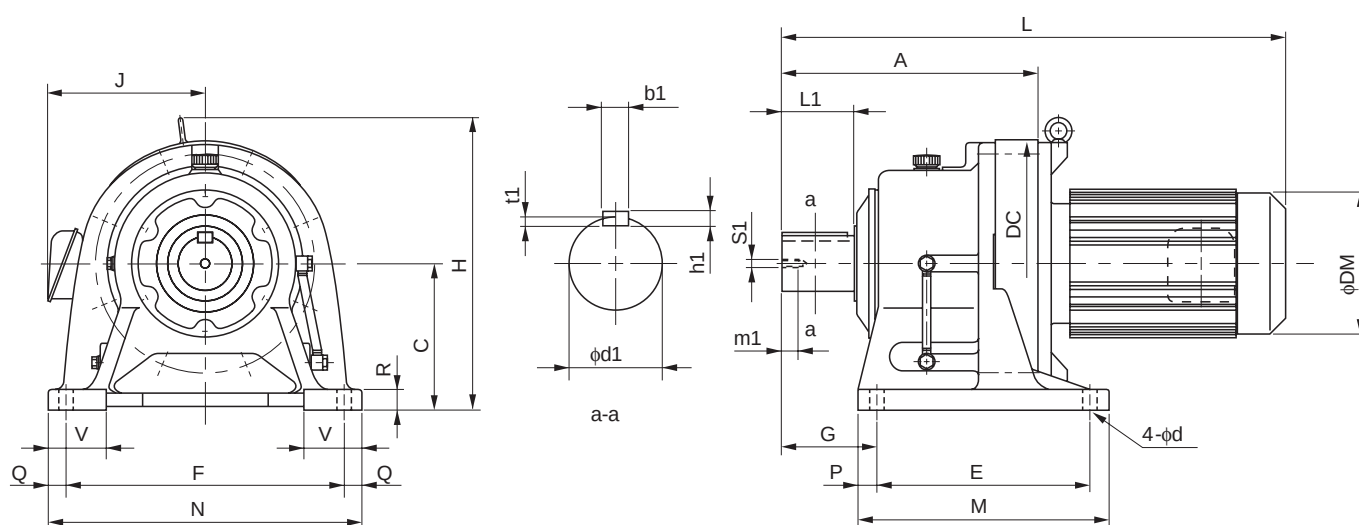
Model Note 4, 5	Motor		Standard						With Brake				
	kW	P	L	H	J	DM	W(kg)		L	H	J	DM	W(kg)
CHHM08 - 613□ - (B) - Ratio	0.55	4	477	265	140	148	51		520	265	140	148	54
CHHM1 - 613□ - (B) - Ratio	0.75	4	477	265	140	148	51		520	265	140	148	54
CHHM1H - 613□ - (B) - Ratio	1.1	4	510	268	145	160	55		572	268	145	160	60
CHHM2 - 613□ - (B) - Ratio	1.5	4	510	268	145	160	55		572	268	145	160	60
CHHM3 - 613□ - (B) - Ratio	2.2	4	530	274	152	173	58		593	274	152	173	65
CHHM4 - 613□ - (B) - Ratio	3.0	4	553	296	168	212	68		625	296	168	212	78
CHHM5 - 613□ - (B) - Ratio	3.7	4	553	296	168	212	68		625	296	168	212	78
CHHM8 - 613□ - (B) - Ratio	5.5	4	597	296	168	212	75		669	296	168	212	85
CHHM10 - 613□ - (B) - Ratio	7.5	4	620	323	213	251	90		715	323	213	251	108
CHHM15 - 613□ - (B) - Ratio	11	4	680	323	213	251	104		775	323	213	251	121
CHHM1 - 614□ - (B) - Ratio	0.75	4	497	268	140	148	52		540	268	140	148	55
CHHM1H - 614□ - (B) - Ratio	1.1	4	530	268	145	160	56		592	268	145	160	61
CHHM2 - 614□ - (B) - Ratio	1.5	4	530	268	145	160	56		592	268	145	160	61
CHHM3 - 614□ - (B) - Ratio	2.2	4	550	274	152	173	59		613	274	152	173	66
CHHM4 - 614□ - (B) - Ratio	3.0	4	573	296	168	212	69		645	296	168	212	79
CHHM5 - 614□ - (B) - Ratio	3.7	4	573	296	168	212	69		645	296	168	212	79
CHHM8 - 614□ - (B) - Ratio	5.5	4	617	296	168	212	76		689	296	168	212	86
CHHM10 - 614□ - (B) - Ratio	7.5	4	640	323	213	251	91		735	323	213	251	109
CHHM15 - 614□ - (B) - Ratio	11	4	700	323	213	251	104		795	323	213	251	122
CHHM20 - 614□ - (B) - Ratio	15	4	790	358	261	324	156		880	321	261	324	190

Note: 1. □ indicates motor capacity.

2. Dimension of shaft end diameter: Dimension tolerance conforms to JIS B 0401-1976 "h6."

3. Dimension of shaft end key: Dimension tolerance conforms to JIS B 1301-1996 "Parallel Key."

Dimension Tables Gearmotors (Horizontal Direction, Foot-Mount)

CHHM^{Note 1} - 616□ to 617□

GEARMOTORS

Dimension Tables
CHHM

Frame size Note 4	A	C	DC	E	F	G	M	N	P	Q	R	V	d	Output Shaft Note 2, 3, 6						
														d1	L1	b1	h1	t1	S1	m1
616□	308	160	300	150	370	139	238	410	44	20	25	75	18	60	90	18	11	7	M10	18
617□	352	200	340	275	380	125	335	430	30	25	30	80	22	70	90	20	12	7.5	M12	24

Model Note 4, 5	Motor		Standard						With Brake				
	kW	P	L	H	J	DM	W(kg)		L	H	J	DM	W(kg)
CHHM1H - 616□ - (B) - Ratio	1.1	4	583	310	145	160	93		645	310	145	160	99
CHHM2 - 616□ - (B) - Ratio	1.5	4	583	310	145	160	93		645	310	145	160	99
CHHM3 - 616□ - (B) - Ratio	2.2	4	598	310	152	173	96		661	310	152	173	103
CHHM4 - 616□ - (B) - Ratio	3.0	4	621	310	168	212	105		693	310	168	212	116
CHHM5 - 616□ - (B) - Ratio	3.7	4	621	310	168	212	105		693	310	168	212	116
CHHM8 - 616□ - (B) - Ratio	5.5	4	665	310	168	212	112		737	310	168	212	123
CHHM10 - 616□ - (B) - Ratio	7.5	4	693	333	213	251	128		788	333	213	251	146
CHHM15 - 616□ - (B) - Ratio	11	4	753	333	213	251	142		848	333	213	251	160
*CHHM20 - 616□ - (B) - Ratio	15	4	838	368	261	324	195		928	368	261	324	230
*CHHM25 - 616□ - (B) - Ratio	18.5	4	933	368	328	394	267		1098	368	328	394	323
*CHHM30 - 616□ - (B) - Ratio	22	4	933	368	328	394	267		1098	368	328	394	323
CHHM4 - 617□ - (B) - Ratio	3.0	4	680	403	168	212	146		752	403	168	212	157
CHHM5 - 617□ - (B) - Ratio	3.7	4	680	403	168	212	146		752	403	168	212	157
CHHM8 - 617□ - (B) - Ratio	5.5	4	724	403	168	212	153		796	403	168	212	164
CHHM10 - 617□ - (B) - Ratio	7.5	4	742	403	213	251	168		837	403	213	251	187
CHHM15 - 617□ - (B) - Ratio	11	4	802	403	213	251	182		897	403	213	251	201
CHHM20 - 617□ - (B) - Ratio	15	4	882	413	259	324	236		987	413	259	324	271
CHHM25 - 617□ - (B) - Ratio	18.5	4	977	428	328	394	304		1142	428	328	394	360
CHHM30 - 617□ - (B) - Ratio	22	4	977	428	328	394	304		1142	428	328	394	360
CHHM40 - 617□ - (B) - Ratio	30	4	977	428	328	394	321		1142	428	328	394	369

"*" indicates models with bottom level of the motor lower than the reducer base.

Refer to pages B-152 and B-153 for center height options.

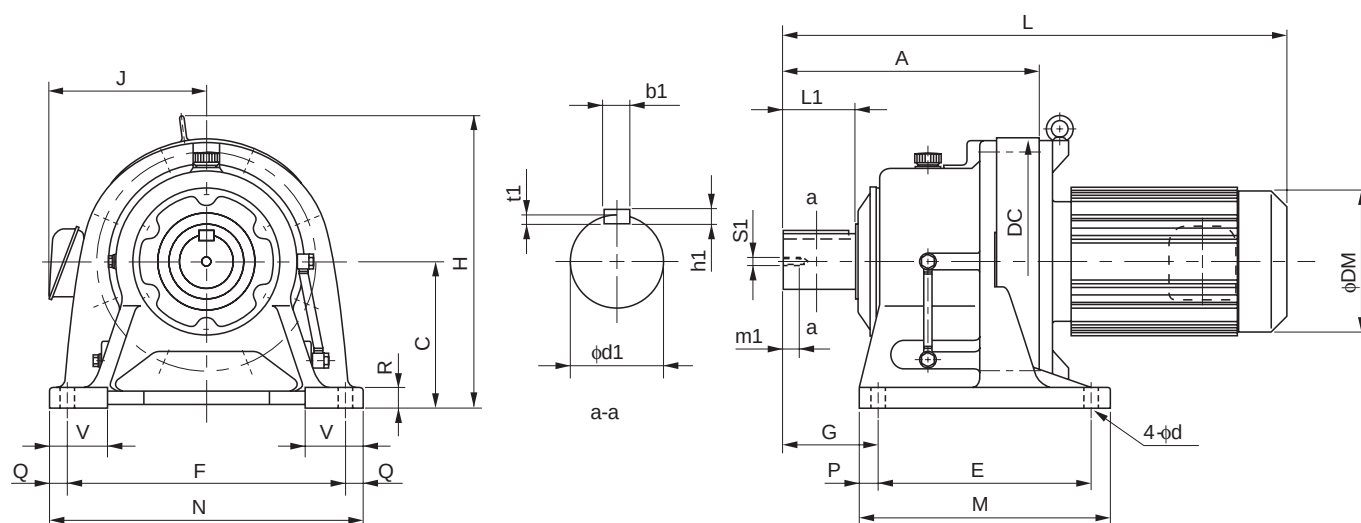
Note: 4. □ indicates 0 or 5, expressing combination with reduction ratio. Refer to the Selection Table for details.

5. "B" after the frame size indicates models equipped with brake.

6. Dimension of shaft end: Refer to pages F-28 to F-29 for details.

7. Dimensions in above drawings are subject to change without notice.

Dimension Tables Gearmotors (Horizontal Direction, Foot-Mount)

CHHM^{Note 1} - 618□ to 619□

Frame size Note 4	A	C	DC	E	F	G	M	N	P	Q	R	V	d	Output Shaft Note 2, 3, 6						
														d1	L1	b1	h1	t1	S1	m1
618□	389	220	370	320	420	145	380	470	30	25	30	85	22	80	110	22	14	9	M12	24
619□	465	250	430	380	480	170	440	530	30	25	35	90	26	95	135	25	14	9	M20	34

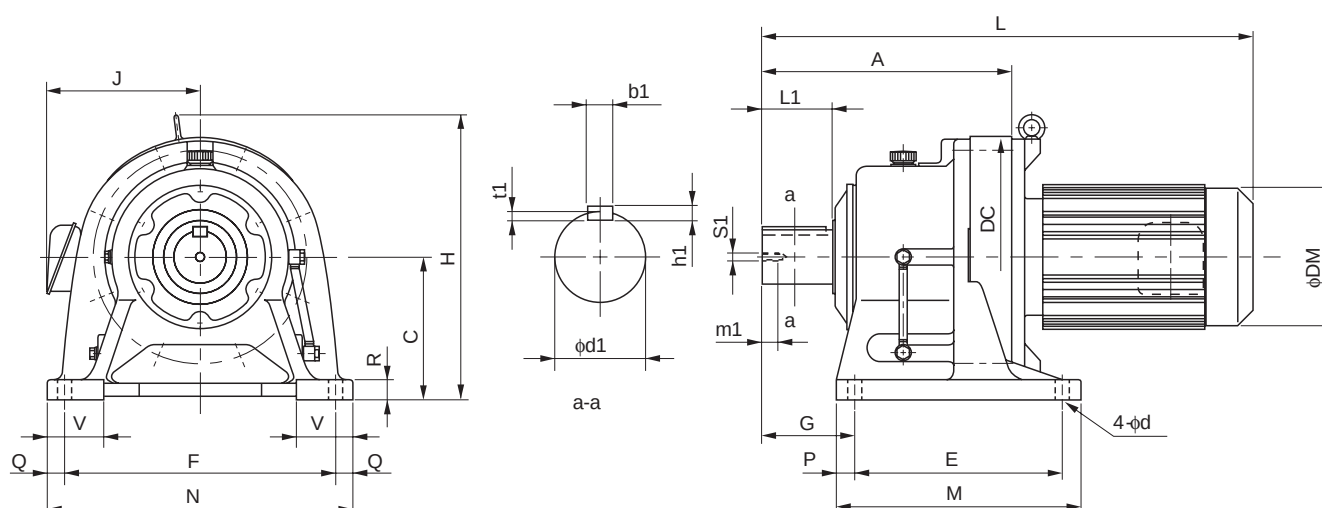
Model Note 4, 5	Motor		Standard					With Brake				
	kW	P	L	H	J	DM	W(kg)	L	H	J	DM	W(kg)
CHHM4 - 618□ - (B) - Ratio	3.0	4	717	438	168	212	184	789	438	168	212	194
CHHM5 - 618□ - (B) - Ratio	3.7	4	717	438	168	212	184	789	438	168	212	194
CHHM8 - 618□ - (B) - Ratio	5.5	4	761	438	168	212	192	833	438	168	212	202
CHHM10 - 618□ - (B) - Ratio	7.5	4	779	438	213	251	207	874	438	213	251	225
CHHM15 - 618□ - (B) - Ratio	11	4	839	438	213	251	221	934	438	213	251	239
CHHM20 - 618□ - (B) - Ratio	15	4	919	438	261	324	281	1024	438	261	324	310
CHHM25 - 618□ - (B) - Ratio	18.5	4	1014	448	328	394	347	1179	448	328	394	398
CHHM30 - 618□ - (B) - Ratio	22	4	1014	448	328	394	347	1179	448	328	394	398
CHHM40 - 618□ - (B) - Ratio	30	4	1014	448	328	394	364	1179	448	328	394	407
CHHM50 - 618□ - (B) - Ratio	37	4	1129	481	328	394	412	1344	481	328	394	509
CHHM60 - 618□ - (B) - Ratio	45	4	1129	481	328	394	412	1344	481	328	394	509
CHHM8 - 619□ - (B) - Ratio	5.5	4	857	511	168	212	266	929	511	168	212	276
CHHM10 - 619□ - (B) - Ratio	7.5	4	870	511	213	251	279	965	511	213	251	297
CHHM15 - 619□ - (B) - Ratio	11	4	930	511	213	251	293	1025	511	213	251	311
CHHM20 - 619□ - (B) - Ratio	15	4	995	467	261	324	346	1100	467	261	324	381
CHHM25 - 619□ - (B) - Ratio	18.5	4	1090	511	328	394	422	1255	511	328	394	467
CHHM256 - 619□ - (B) - Ratio	18.5	6	1090	511	328	394	437	1255	511	328	394	480
CHHM30 - 619□ - (B) - Ratio	22	4	1090	511	328	394	422	1255	511	328	394	467
CHHM40 - 619□ - (B) - Ratio	30	4	1090	511	328	394	437	1255	511	328	394	480
CHHM406 - 619□ - (B) - Ratio	30	6	1205	511	328	394	475	1420	511	328	394	572
CHHM50 - 619□ - (B) - Ratio	37	4	1205	511	328	394	475	1420	511	328	394	572
CHHM506 - 619□ - (B) - Ratio	37	6	1205	511	328	394	475	1420	511	328	394	572
CHHM60 - 619□ - (B) - Ratio	45	4	1205	511	328	394	475	1420	511	328	394	572

Note: 1. □ indicates motor capacity.

2. Dimension of shaft end diameter: Dimension tolerance conforms to JIS B 0401-1976 "h6."

3. Dimension of shaft end key: Dimension tolerance conforms to JIS B 1301-1996 "Parallel Key."

Dimension Tables Gearmotors (Horizontal Direction, Foot-Mount)

CHHM^{Note 1} - 6205 to 6215

GEARMOTORS

Dimension Tables
CHHM

Frame size	A	C	DC	E	F	G	M	N	P	Q	R	V	d	Output Shaft ^{Note 2, 3, 6}						
														d1	L1	b1	h1	t1	S1	m1
6205	502	250	448	360	440	215	440	530	40	45	35	100	26	100	165	28	16	10	M20	34
6215	526	265	485	395	480	210	475	580	40	50	40	110	26	110	165	28	16	10	M20	34

Model ^{Note 5}	Motor		Standard						With Brake				
	kW	P	L	H	J	DM	W(kg)		L	H	J	DM	W(kg)
CHHM15 - 6205	- (B) - Ratio	11	4	972	530	213	251	313	1067	530	213	251	332
CHHM20 - 6205	- (B) - Ratio	15	4	1042	530	261	324	367	1147	530	261	324	404
CHHM206 - 6205	- (B) - Ratio	15	6	1127	530	328	394	438	1292	530	328	394	484
CHHM25 - 6205	- (B) - Ratio	18.5	4	1127	530	328	394	438	1292	530	328	394	488
CHHM30 - 6205	- (B) - Ratio	22	4	1127	530	328	394	438	1292	530	328	394	488
CHHM306 - 6205	- (B) - Ratio	22	6	1127	530	328	394	451	1292	530	328	394	501
CHHM40 - 6205	- (B) - Ratio	30	4	1127	530	328	394	451	1292	530	328	394	501
CHHM406 - 6205	- (B) - Ratio	30	6	1242	530	328	394	489	1457	530	328	394	588
CHHM50 - 6205	- (B) - Ratio	37	4	1242	530	328	394	489	1457	530	328	394	588
CHHM506 - 6205	- (B) - Ratio	37	6	1242	530	328	394	489	1457	530	328	394	588
CHHM60 - 6205	- (B) - Ratio	45	4	1242	530	328	394	489	1457	530	328	394	588
CHHM606 - 6205	- (B) - Ratio	45	6	1297	575	378	484	582	-	-	-	-	-
CHHM75 - 6205	- (B) - Ratio	55	4	1297	575	378	484	582	-	-	-	-	-
CHHM15 - 6215	- (B) - Ratio	11	4	996	575	213	251	395	1091	575	213	251	414
CHHM20 - 6215	- (B) - Ratio	15	4	1066	575	261	324	450	1171	575	261	324	486
CHHM206 - 6215	- (B) - Ratio	15	6	1151	575	328	394	515	1316	575	328	394	565
CHHM25 - 6215	- (B) - Ratio	18.5	4	1151	575	328	394	515	1316	575	328	394	565
CHHM256 - 6215	- (B) - Ratio	18.5	6	1151	575	328	394	528	1316	575	328	394	578
CHHM30 - 6215	- (B) - Ratio	22	4	1151	575	328	394	515	1316	575	328	394	565
CHHM306 - 6215	- (B) - Ratio	22	6	1151	575	328	394	528	1316	575	328	394	578
CHHM40 - 6215	- (B) - Ratio	30	4	1151	575	328	394	528	1316	575	328	394	578
CHHM406 - 6215	- (B) - Ratio	30	6	1266	575	328	394	566	1481	575	328	394	666
CHHM50 - 6215	- (B) - Ratio	37	4	1266	575	328	394	566	1481	575	328	394	666
CHHM506 - 6215	- (B) - Ratio	37	6	1266	575	328	394	566	1481	575	328	394	666
CHHM60 - 6215	- (B) - Ratio	45	4	1266	575	328	394	566	1481	575	328	394	666
CHHM606 - 6215	- (B) - Ratio	45	6	1321	575	378	484	676	-	-	-	-	-
CHHM75 - 6215	- (B) - Ratio	55	4	1321	575	378	484	676	-	-	-	-	-

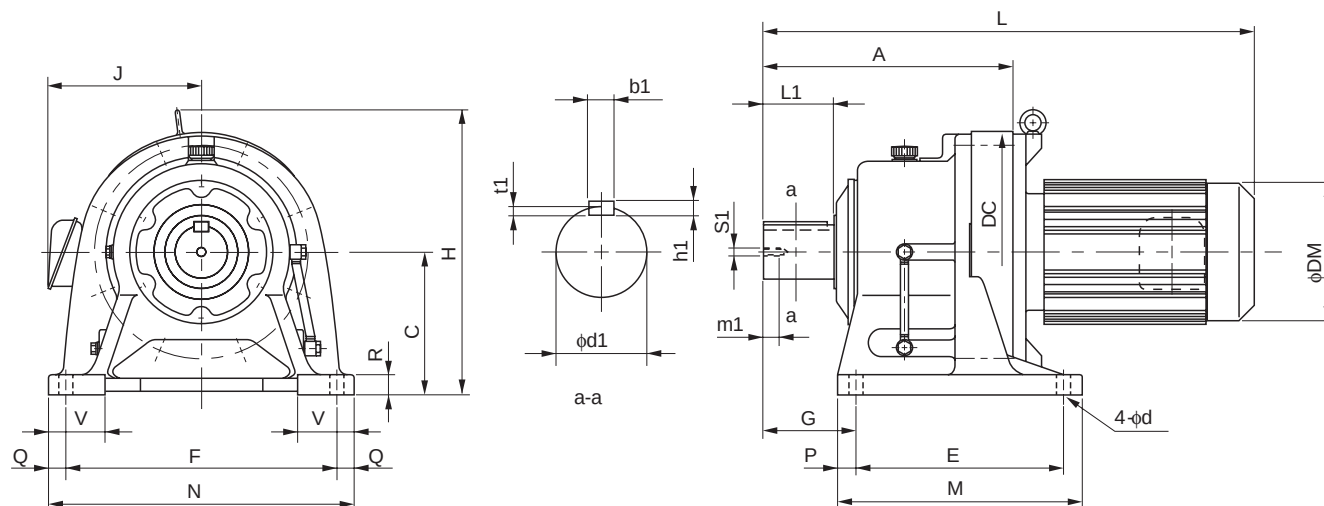
Note: 4. □ indicates 0 or 5, expressing combination with reduction ratio. Refer to the Selection Table for details.

5. "B" after the frame size indicates models equipped with brake.

6. Dimension of shaft end: Refer to pages F-28 to F-29 for details.

7. Dimensions in above drawings are subject to change without notice.

Dimension Tables Gearmotors (Horizontal Direction, Foot-Mount)

CHHM^{Note 1} - 6225 to 6235

Frame size	A	C	DC	E	F	G	M	N	P	Q	R	V	d	Output Shaft Note 2, 3, 5						
														d1	L1	b1	h1	t1	S1	m1
6225	566	280	526	420	540	230	520	620	50	40	40	115	33	120	165	32	18	11	M20	34
6235	628	300	562	460	580	260	560	670	50	45	45	120	33	130	200	32	18	11	M24	41

Model	Note 4	Motor		Standard					With Brake				
		kW	P	L	H	J	DM	W(kg)	L	H	J	DM	W(kg)
CHHM206 - 6225	- (B) - Ratio	15	6	1191	610	328	394	600	1356	610	328	394	650
CHHM25 - 6225	- (B) - Ratio	18.5	4	1191	610	328	394	600	1356	610	328	394	650
CHHM256 - 6225	- (B) - Ratio	18.5	6	1191	610	328	394	613	1356	610	328	394	663
CHHM30 - 6225	- (B) - Ratio	22	4	1191	610	328	394	600	1356	610	328	394	650
CHHM306 - 6225	- (B) - Ratio	22	6	1191	610	328	394	613	1356	610	328	394	663
CHHM40 - 6225	- (B) - Ratio	30	4	1191	610	328	394	613	1356	610	328	394	663
CHHM406 - 6225	- (B) - Ratio	30	6	1306	610	328	394	651	1521	610	328	394	751
CHHM50 - 6225	- (B) - Ratio	37	4	1306	610	328	394	651	1521	610	328	394	751
CHHM506 - 6225	- (B) - Ratio	37	6	1306	610	328	394	651	1521	610	328	394	751
CHHM60 - 6225	- (B) - Ratio	45	4	1306	610	328	394	651	1521	610	328	394	751
CHHM606 - 6225	- (B) - Ratio	45	6	1361	610	378	484	750	-	-	-	-	-
CHHM75 - 6225	- (B) - Ratio	55	4	1361	610	378	484	750	-	-	-	-	-
CHHM206 - 6235	- (B) - Ratio	15	6	1253	667	328	394	698	1448	667	328	394	734
CHHM256 - 6235	- (B) - Ratio	18.5	6	1253	667	328	394	698	1448	667	328	394	748
CHHM306 - 6235	- (B) - Ratio	22	6	1253	667	328	394	698	1448	667	328	394	748
CHHM406 - 6235	- (B) - Ratio	30	6	1368	667	328	394	744	1583	667	328	394	837
CHHM506 - 6235	- (B) - Ratio	37	6	1368	667	328	394	744	1583	667	328	394	837
CHHM606 - 6235	- (B) - Ratio	45	6	1423	667	378	484	833	-	-	-	-	-
CHHM756 - 6235	- (B) - Ratio	55	6	1503	667	378	485	887	-	-	-	-	-

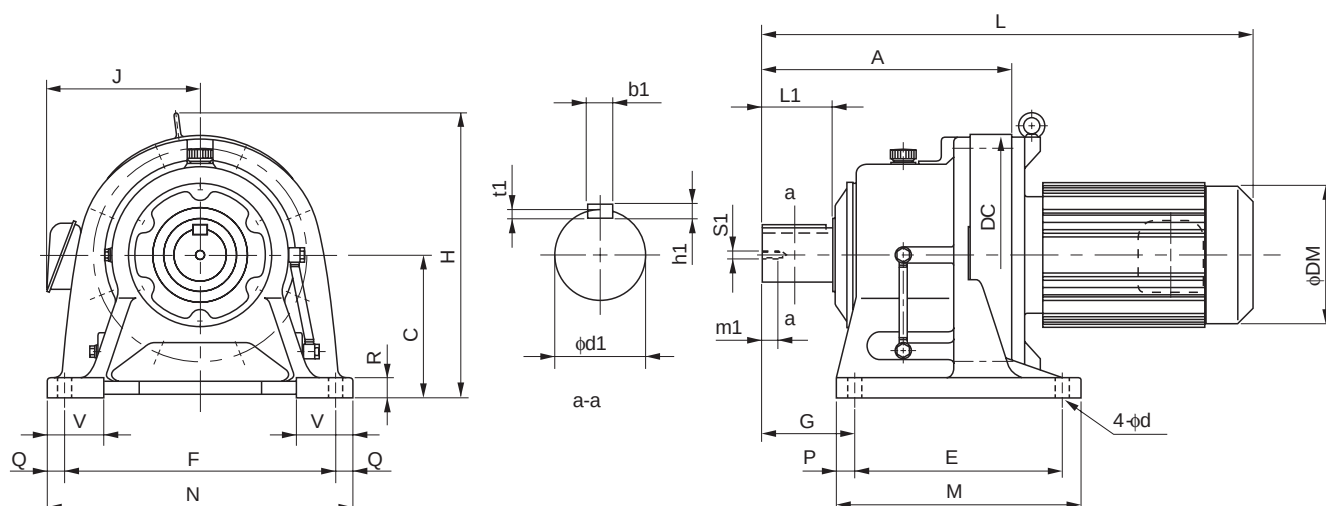
Note: 1. ^{Note 1} indicates motor capacity.

2. Dimension of shaft end diameter: Dimension tolerance conforms to JIS B 0401-1976 "h6."

3. Dimension of shaft end key: Dimension tolerance conforms to JIS B 1301-1996 "Parallel Key."

Dimension Tables Gearmotors (Horizontal Direction, Foot-Mount)

CHHM^{Note 1} - 6245 to 6265



GEARMOTORS

Dimension Tables
CHHM

Frame size	A	C	DC	E	F	G	M	N	P	Q	R	V	d	Output Shaft Note 2, 3, 5						
														d1	L1	b1	h1	t1	S1	m1
6245	657	335	614	480	630	263	580	720	50	45	45	128	39	140	200	36	20	12	M24	41
6255	775	375	670	520	670	320	630	780	55	55	50	140	39	160	240	40	22	13	M30	49
6265	892	400	736	590	770	390	700	880	55	55	55	160	45	170	300	40	22	13	M30	49

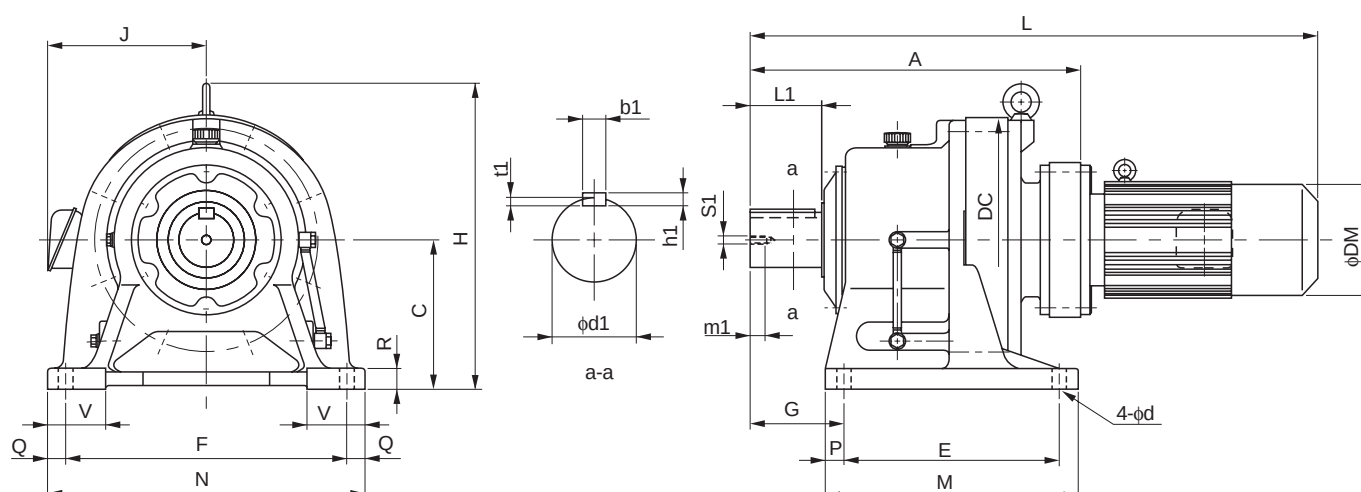
Model Note 4	Motor		Standard						With Brake					
	kW	P	L	H	J	DM	W(kg)		L	H	J	DM	W(kg)	
CHHM206 - 6245 - (B) - Ratio	15	6	1282	729	328	394	824		1447	729	328	394	857	
CHHM256 - 6245 - (B) - Ratio	18.5	6	1282	729	328	394	824		1447	729	328	394	871	
CHHM306 - 6245 - (B) - Ratio	22	6	1282	729	328	394	824		1447	729	328	394	871	
CHHM406 - 6245 - (B) - Ratio	30	6	1397	729	328	394	870		1612	729	328	394	958	
CHHM506 - 6245 - (B) - Ratio	37	6	1397	729	328	394	870		1612	729	328	394	958	
CHHM606 - 6245 - (B) - Ratio	45	6	1452	729	378	484	961		-	-	-	-	-	
CHHM756 - 6245 - (B) - Ratio	55	6	1532	729	378	485	1010		-	-	-	-	-	
CHHM206 - 6255 - (B) - Ratio	15	6	1400	815	328	394	1155		1565	815	328	394	1188	
CHHM256 - 6255 - (B) - Ratio	18.5	6	1400	815	328	394	1155		1610	815	328	394	1202	
CHHM306 - 6255 - (B) - Ratio	22	6	1400	815	328	394	1155		1610	815	328	394	1202	
CHHM406 - 6255 - (B) - Ratio	30	6	1515	815	328	394	1200		1730	815	328	394	1288	
CHHM506 - 6255 - (B) - Ratio	37	6	1515	815	328	394	1200		1730	815	328	394	1288	
CHHM606 - 6255 - (B) - Ratio	45	6	1570	815	378	484	1280		-	-	-	-	-	
CHHM756 - 6255 - (B) - Ratio	55	6	1650	815	378	485	1335		-	-	-	-	-	
CHHM306 - 6265 - (B) - Ratio	22	6	1517	874	328	394	1400		1727	874	328	394	1447	
CHHM406 - 6265 - (B) - Ratio	30	6	1632	874	328	394	1445		1847	874	328	394	1533	
CHHM506 - 6265 - (B) - Ratio	37	6	1632	874	328	394	1445		1847	874	328	394	1533	
CHHM606 - 6265 - (B) - Ratio	45	6	1687	874	378	484	1540		-	-	-	-	-	

Note: 4. "B" after the frame size indicates models equipped with brake.

5. Dimension of shaft end: Refer to pages F-28 to F-29 for details.

6. Dimensions in above drawings are subject to change without notice.

Dimension Tables Gearmotors (Horizontal Direction, Foot-Mount)

CHHM^{Note 1} - 619□DB to 6215DA

Frame size Note 4	A	C	DC	E	F	G	M	N	P	Q	R	V	d	Output Shaft Note 2, 3, 6						
														d1	L1	b1	h1	t1	S1	m1
619□DB	572	250	430	380	480	170	440	530	30	25	35	90	26	95	135	25	14	9	M20	34
6205DA	597	250	448	360	440	215	440	530	40	45	35	100	26	100	165	28	16	10	M20	34
6205DB	624	250	448	360	440	215	440	530	40	45	35	100	26	100	165	28	16	10	M20	34
6215DA	650	265	485	395	480	210	475	580	40	50	40	110	26	110	165	28	16	10	M20	34

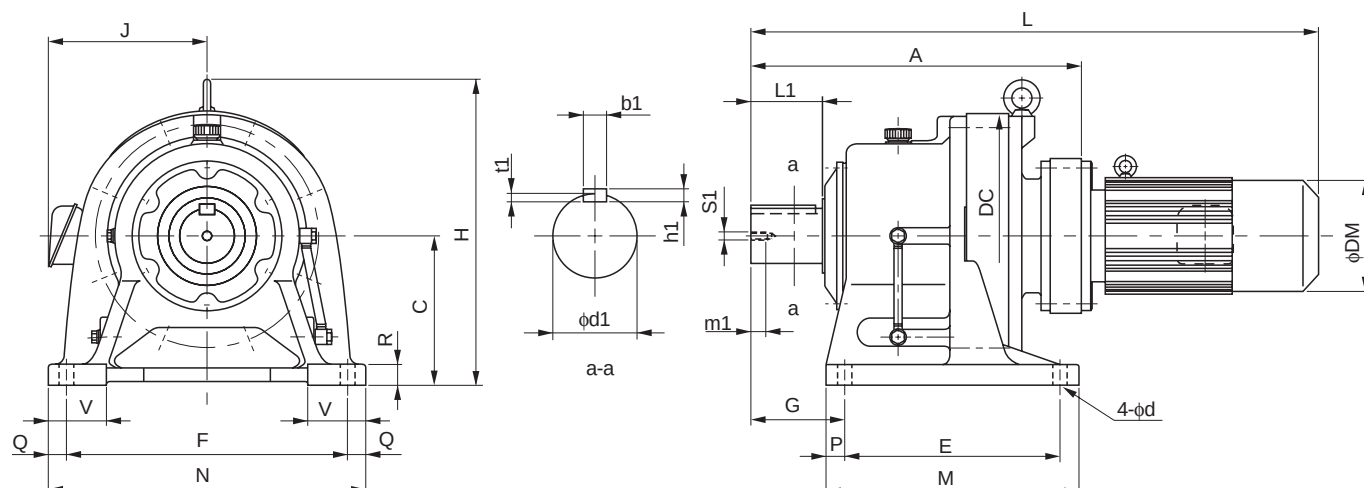
Model Note 4, 5	Motor		Standard						With Brake					
	kW	P	L	H	J	DM	W(kg)		L	H	J	DM	W(kg)	
CHHM2 - 619□DB - (B) - Ratio	1.5	4	842	531	145	160	261		904	531	145	160	266	
CHHM3 - 619□DB - (B) - Ratio	2.2	4	862	531	152	173	265		925	531	152	173	272	
CHHM4 - 619□DB - (B) - Ratio	3.0	4	885	531	168	212	275		957	531	168	212	285	
CHHM5 - 619□DB - (B) - Ratio	3.7	4	885	531	168	212	275		957	531	168	212	285	
CHHM8 - 619□DB - (B) - Ratio	5.5	4	929	531	168	212	282		1001	531	168	212	292	
CHHM10 - 619□DB - (B) - Ratio	7.5	4	952	531	213	251	297		1047	531	213	251	315	
CHHM15 - 619□DB - (B) - Ratio	11	4	1012	531	213	251	311		1107	531	213	251	329	
CHHM20 - 619□DB - (B) - Ratio	15	4	1102	531	261	324	363		1207	531	261	324	397	
CHHM1 - 6205DA - (B) - Ratio	0.75	4	834	530	140	148	269		877	530	140	148	272	
CHHM2 - 6205DA - (B) - Ratio	1.5	4	867	530	145	160	273		929	530	145	160	278	
CHHM3 - 6205DA - (B) - Ratio	2.2	4	887	530	152	173	277		949	530	152	173	284	
CHHM4 - 6205DA - (B) - Ratio	3.0	4	910	530	168	212	287		982	530	168	212	297	
CHHM5 - 6205DA - (B) - Ratio	3.7	4	910	530	168	212	287		982	530	168	212	297	
CHHM8 - 6205DA - (B) - Ratio	5.5	4	954	530	168	212	294		1026	530	168	212	304	
CHHM3 - 6205DB - (B) - Ratio	2.2	4	914	530	152	173	289		977	530	152	173	296	
CHHM4 - 6205DB - (B) - Ratio	3.0	4	937	530	168	212	299		1009	530	168	212	309	
CHHM5 - 6205DB - (B) - Ratio	3.7	4	937	530	168	212	299		1009	530	168	212	309	
CHHM8 - 6205DB - (B) - Ratio	5.5	4	981	530	168	212	306		1053	530	168	212	316	
CHHM10 - 6205DB - (B) - Ratio	7.5	4	1004	530	213	251	321		1099	530	213	251	339	
CHHM15 - 6205DB - (B) - Ratio	11	4	1064	530	213	251	334		1159	530	213	251	352	
CHHM20 - 6205DB - (B) - Ratio	15	4	1154	530	261	324	386		1249	530	261	324	419	
CHHM2 - 6215DA - (B) - Ratio	1.5	4	920	575	145	160	367		982	575	145	160	372	
CHHM3 - 6215DA - (B) - Ratio	2.2	4	940	575	152	173	370		1003	575	152	173	377	
CHHM4 - 6215DA - (B) - Ratio	3.0	4	963	575	168	212	380		1035	575	168	212	390	
CHHM5 - 6215DA - (B) - Ratio	3.7	4	963	575	168	212	380		1035	575	168	212	390	
CHHM8 - 6215DA - (B) - Ratio	5.5	4	1007	575	168	212	387		1079	575	168	212	397	
CHHM10 - 6215DA - (B) - Ratio	7.5	4	1030	575	213	251	402		1125	575	213	251	420	
CHHM15 - 6215DA - (B) - Ratio	11	4	1090	575	213	251	415		1185	575	213	251	433	
CHHM20 - 6215DA - (B) - Ratio	15	4	1180	575	261	324	467		1285	575	261	324	501	

Note: 1. □ indicates motor capacity.

2. Dimension of shaft end diameter: Dimension tolerance conforms to JIS B 0401-1976 "h6."

3. Dimension of shaft end key: Dimension tolerance conforms to JIS B 1301-1996 "Parallel Key."

Dimension Tables Gearmotors (Horizontal Direction, Foot-Mount)

CHHM^{Note 1} - 6215DB to 6225DB

GEARMOTORS

Dimension Tables
CHHM

Frame size	A	C	DC	E	F	G	M	N	P	Q	R	V	d	Output Shaft ^{Note 2, 3, 6}						
														d1	L1	b1	h1	t1	S1	m1
6215DB	675	265	485	395	480	210	475	580	40	50	40	110	26	110	165	28	16	10	M20	34
6225DA	692	280	526	420	540	230	520	620	50	40	40	115	33	120	165	32	18	11	M20	34
6225DB	735	280	526	420	540	230	520	620	50	40	40	115	33	120	165	32	18	11	M20	34

Model ^{Note 5}	Motor		Standard						With Brake				
	kW	P	L	H	J	DM	W(kg)		L	H	J	DM	W(kg)
CHHM5 - 6215DB - (B) - Ratio	3.7	4	993	575	168	212	399		1065	575	168	212	409
CHHM8 - 6215DB - (B) - Ratio	5.5	4	1037	575	168	212	406		1109	575	168	212	416
CHHM10 - 6215DB - (B) - Ratio	7.5	4	1060	575	213	251	422		1155	575	213	251	439
CHHM15 - 6215DB - (B) - Ratio	11	4	1120	575	213	251	436		1215	575	213	251	453
CHHM20 - 6215DB - (B) - Ratio	15	4	1205	575	261	324	489		1310	575	261	324	523
CHHM25 - 6215DB - (B) - Ratio	18.5	4	1300	575	328	394	564		1465	575	328	394	615
CHHM30 - 6215DB - (B) - Ratio	22	4	1300	575	328	394	564		1465	575	328	394	615
CHHM2 - 6225DA - (B) - Ratio	1.5	4	962	610	145	160	441		1024	610	145	160	446
CHHM3 - 6225DA - (B) - Ratio	2.2	4	982	610	152	173	444		1045	610	152	173	451
CHHM4 - 6225DA - (B) - Ratio	3.0	4	1005	610	168	212	454		1077	610	168	212	464
CHHM5 - 6225DA - (B) - Ratio	3.7	4	1005	610	168	212	454		1077	610	168	212	464
CHHM8 - 6225DA - (B) - Ratio	5.5	4	1049	610	168	212	461		1121	610	168	212	471
CHHM10 - 6225DA - (B) - Ratio	7.5	4	1072	610	213	251	476		1167	610	213	251	494
CHHM15 - 6225DA - (B) - Ratio	11	4	1132	610	213	251	490		1227	610	213	251	508
CHHM20 - 6225DA - (B) - Ratio	15	4	1222	610	261	324	542		1327	610	261	324	576
CHHM5 - 6225DB - (B) - Ratio	3.7	4	1058	610	168	212	499		1130	610	168	212	510
CHHM8 - 6225DB - (B) - Ratio	5.5	4	1102	610	168	212	506		1174	610	168	212	517
CHHM10 - 6225DB - (B) - Ratio	7.5	4	1125	610	213	251	521		1220	610	213	251	539
CHHM15 - 6225DB - (B) - Ratio	11	4	1185	610	213	251	535		1280	610	213	251	553
CHHM20 - 6225DB - (B) - Ratio	15	4	1265	610	261	324	589		1370	610	261	324	623
CHHM25 - 6225DB - (B) - Ratio	18.5	4	1360	610	328	394	661		1525	610	328	394	712
CHHM30 - 6225DB - (B) - Ratio	22	4	1360	610	328	394	661		1525	610	328	394	712
CHHM40 - 6225DB - (B) - Ratio	30	4	1360	610	328	394	678		1525	610	328	394	729

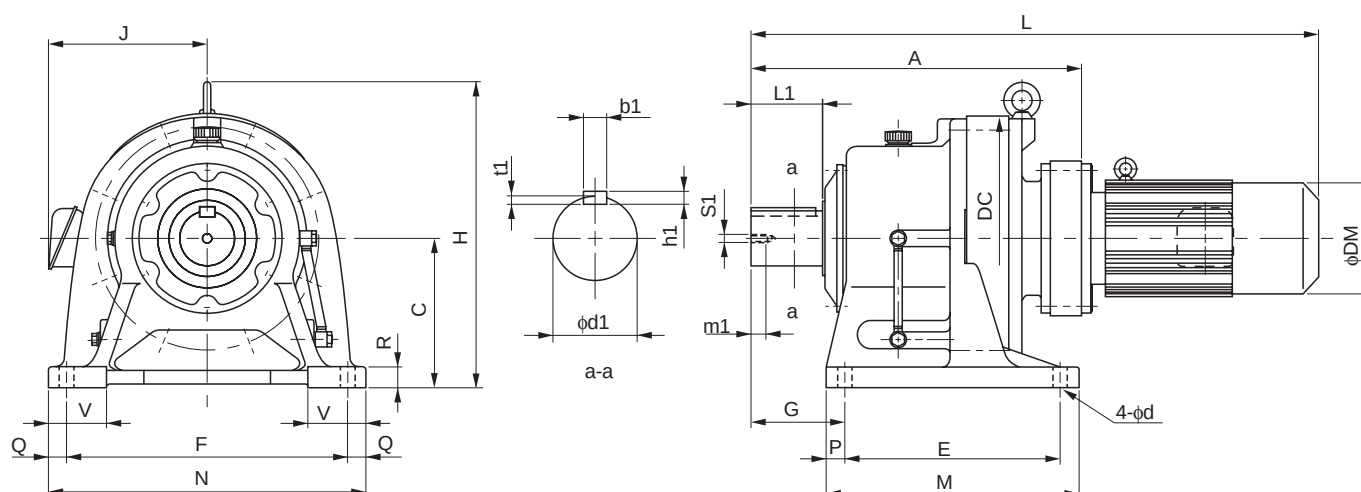
Note: 4. □ indicates 0 or 5, expressing combination with reduction ratio. Refer to the Selection Table for details.

5. "B" after the frame size indicates models equipped with brake.

6. Dimension of shaft end: Refer to pages F-28 to F-29 for details.

7. Dimensions in above drawings are subject to change without notice.

Dimension Tables Gearmotors (Horizontal Direction, Foot-Mount)

CHHM^{Note 1} - 6235DA to 6245DB

Frame size	A	C	DC	E	F	G	M	N	P	Q	R	V	d	Output Shaft Note 2, 3, 5						
														d1	L1	b1	h1	t1	S1	m1
6235DA	778	300	562	460	580	260	560	670	50	45	45	120	33	130	200	32	18	11	M24	41
6235DB	800	300	562	460	580	260	560	670	50	45	45	120	33	130	200	32	18	11	M24	41
6245DA	816	335	614	480	630	263	580	720	50	45	45	128	39	140	200	36	20	12	M24	41
6245DB	837	335	614	480	630	263	580	720	50	45	45	128	39	140	200	36	20	12	M24	41

Model				Motor		Standard					With Brake				
				kW	P	L	H	J	DM	W(kg)	L	H	J	DM	W(kg)
Note 4															
CHHM3	- 6235DA	- (B)	- Ratio	2.2	4	1068	667	152	173	561	1131	667	152	173	567
CHHM4	- 6235DA	- (B)	- Ratio	3.0	4	1091	667	168	212	570	1163	667	168	212	580
CHHM5	- 6235DA	- (B)	- Ratio	3.7	4	1091	667	168	212	570	1163	667	168	212	580
CHHM8	- 6235DA	- (B)	- Ratio	5.5	4	1135	667	168	212	577	1207	667	168	212	587
CHHM10	- 6235DA	- (B)	- Ratio	7.5	4	1163	667	213	251	593	1258	667	213	251	610
CHHM15	- 6235DA	- (B)	- Ratio	11	4	1223	667	213	251	607	1318	667	213	251	624
CHHM20	- 6235DA	- (B)	- Ratio	15	4	1308	667	261	324	660	1413	667	261	324	624
CHHM25	- 6235DA	- (B)	- Ratio	18.5	4	1403	667	328	394	737	1568	667	328	394	788
CHHM30	- 6235DA	- (B)	- Ratio	22	4	1403	667	328	394	737	1568	667	328	394	788
CHHM15	- 6235DB	- (B)	- Ratio	11	4	1245	667	213	251	639	1340	667	213	251	657
CHHM20	- 6235DB	- (B)	- Ratio	15	4	1330	667	261	324	701	1435	667	261	324	735
CHHM25	- 6235DB	- (B)	- Ratio	18.5	4	1425	667	328	394	768	1590	667	328	394	819
CHHM30	- 6235DB	- (B)	- Ratio	22	4	1425	667	328	394	768	1590	667	328	394	819
CHHM40	- 6235DB	- (B)	- Ratio	30	4	1425	667	328	394	782	1590	667	328	394	825
CHHM50	- 6235DB	- (B)	- Ratio	37	4	1540	667	328	394	820	1755	667	328	394	917
CHHM3	- 6245DA	- (B)	- Ratio	2.2	4	1106	729	152	173	670	1169	729	152	173	676
CHHM4	- 6245DA	- (B)	- Ratio	3.0	4	1129	729	168	212	679	1201	729	168	212	689
CHHM5	- 6245DA	- (B)	- Ratio	3.7	4	1129	729	168	212	679	1201	729	168	212	689
CHHM8	- 6245DA	- (B)	- Ratio	5.5	4	1173	729	168	212	686	1245	729	168	212	696
CHHM10	- 6245DA	- (B)	- Ratio	7.5	4	1201	729	213	251	702	1296	729	213	251	719
CHHM15	- 6245DA	- (B)	- Ratio	11	4	1261	729	213	251	716	1356	729	213	251	733
CHHM20	- 6245DA	- (B)	- Ratio	15	4	1346	729	261	324	769	1451	729	261	324	803
CHHM25	- 6245DA	- (B)	- Ratio	18.5	4	1441	729	328	394	840	1606	729	328	394	891
CHHM30	- 6245DA	- (B)	- Ratio	22	4	1441	729	328	394	840	1606	729	328	394	891
CHHM15	- 6245DB	- (B)	- Ratio	11	4	1282	729	213	251	740	1377	729	213	251	758
CHHM20	- 6245DB	- (B)	- Ratio	15	4	1367	729	261	324	800	1472	729	261	324	834
CHHM25	- 6245DB	- (B)	- Ratio	18.5	4	1462	729	328	394	866	1627	729	328	394	917
CHHM30	- 6245DB	- (B)	- Ratio	22	4	1462	729	328	394	866	1627	729	328	394	917
CHHM40	- 6245DB	- (B)	- Ratio	30	4	1462	729	328	394	883	1627	729	328	394	926
CHHM50	- 6245DB	- (B)	- Ratio	37	4	1577	729	328	394	935	1792	729	328	394	1032

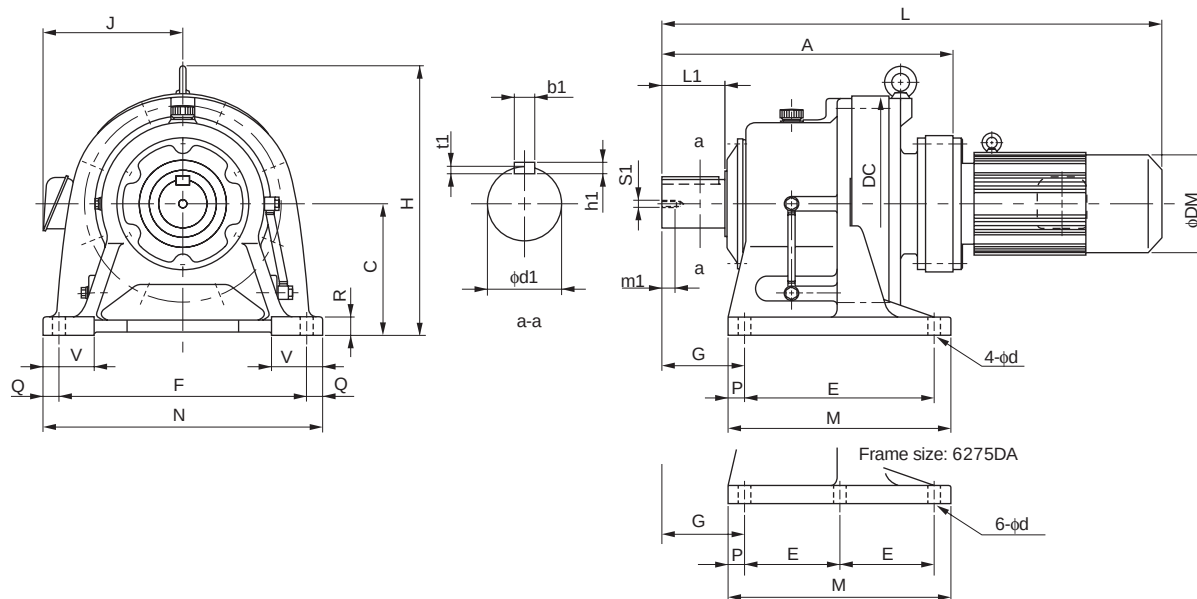
Note: 1. □ indicates motor capacity.

2. Dimension of shaft end diameter: Dimension tolerance conforms to JIS B 0401-1976 "h6."

3. Dimension of shaft end key: Dimension tolerance conforms to JIS B 1301-1996 "Parallel Key."

Dimension Tables Gearmotors (Horizontal Direction, Foot-Mount)

CHHM^{Note 1} - 6255DA to 6275DA



Frame size	A	C	DC	E	F	G	M	N	P	Q	R	V	d	Output Shaft ^{Note 2, 3, 5}						
														d1	L1	b1	h1	t1	S1	m1
6255DA	956	375	670	520	670	320	630	780	55	55	50	140	39	160	240	40	22	13	M30	49
6255DB	978	375	670	520	670	320	630	780	55	55	50	140	39	160	240	40	22	13	M30	49
6265DA	1088	400	736	590	770	390	700	880	55	55	55	160	45	170	300	40	22	13	M30	49
6275DA	1349	540	950	420	1050	485	1040	1160	100	55	60	200	45	180	330	45	25	15	M30	52

Model ^{Note 4}	Motor		Standard							With Brake				
	kW	P	L	H	J	DM	W(kg)	L	H	J	DM	W(kg)	L	H
CHHM5 - 6255DA - (B) - Ratio	3.7	4	1284	815	168	212	1031	1356	815	168	212	1041	1356	815
CHHM8 - 6255DA - (B) - Ratio	5.5	4	1328	815	168	212	1041	1400	815	168	212	1051	1400	815
CHHM10 - 6255DA - (B) - Ratio	7.5	4	1346	815	213	251	1056	1441	815	213	251	1071	1441	815
CHHM15 - 6255DA - (B) - Ratio	11	4	1406	815	213	251	1071	1501	815	213	251	1086	1501	815
CHHM20 - 6255DA - (B) - Ratio	15	4	1486	815	261	324	1121	1591	815	261	324	1157	1591	815
CHHM25 - 6255DA - (B) - Ratio	18.5	4	1581	815	328	394	1195	1746	815	328	394	1246	1746	815
CHHM30 - 6255DA - (B) - Ratio	22	4	1581	815	328	394	1195	1746	815	328	394	1246	1746	815
CHHM40 - 6255DA - (B) - Ratio	30	4	1581	815	328	394	1215	1746	815	328	394	1258	1746	815
CHHM15 - 6255DB - (B) - Ratio	11	4	1443	815	213	251	1144	1538	815	213	251	1159	1538	815
CHHM20 - 6255DB - (B) - Ratio	15	4	1508	815	261	324	1194	1613	815	261	324	1228	1613	815
CHHM25 - 6255DB - (B) - Ratio	18.5	4	1603	815	328	394	1270	1768	815	328	394	1321	1768	815
CHHM30 - 6255DB - (B) - Ratio	22	4	1603	815	328	394	1270	1768	815	328	394	1321	1768	815
CHHM40 - 6255DB - (B) - Ratio	30	4	1603	815	328	394	1285	1768	815	328	394	1328	1768	815
CHHM50 - 6255DB - (B) - Ratio	37	4	1718	815	328	394	1323	1928	815	328	394	1420	1928	815
CHHM60 - 6255DB - (B) - Ratio	45	4	1718	815	328	394	1323	1928	815	328	394	1420	1928	815
CHHM8 - 6265DA - (B) - Ratio	5.5	4	1480	874	168	212	1366	1552	874	168	212	1376	1552	874
CHHM10 - 6265DA - (B) - Ratio	7.5	4	1493	874	213	251	1381	1588	874	213	251	1401	1588	874
CHHM15 - 6265DA - (B) - Ratio	11	4	1553	874	213	251	1396	1648	874	213	251	1411	1648	874
CHHM20 - 6265DA - (B) - Ratio	15	4	1618	874	261	324	1446	1723	874	261	324	1482	1723	874
CHHM25 - 6265DA - (B) - Ratio	18.5	4	1713	874	328	394	1525	1878	874	328	394	1570	1878	874
CHHM30 - 6265DA - (B) - Ratio	22	4	1713	874	328	394	1525	1878	874	328	394	1570	1878	874
CHHM40 - 6265DA - (B) - Ratio	30	4	1713	874	328	394	1540	1878	874	328	394	1583	1878	874
CHHM50 - 6265DA - (B) - Ratio	37	4	1828	874	328	394	1575	2043	874	328	394	1672	2043	874
CHHM60 - 6265DA - (B) - Ratio	45	4	1828	874	328	394	1575	2043	874	328	394	1672	2043	874
CHHM10 - 6275DA - (B) - Ratio	7.5	4	1754	1161	213	251	2516	1849	1161	213	251	2536	1849	1161
CHHM15 - 6275DA - (B) - Ratio	11	4	1814	1161	213	251	2531	1909	1161	213	251	2546	1909	1161
CHHM20 - 6275DA - (B) - Ratio	15	4	1879	1161	261	324	2581	1984	1161	261	324	2617	1984	1161
CHHM25 - 6275DA - (B) - Ratio	18.5	4	1974	1161	328	394	2660	2139	1161	328	394	2705	2139	1161
CHHM30 - 6275DA - (B) - Ratio	22	4	1974	1161	328	394	2660	2139	1161	328	394	2705	2139	1161
CHHM40 - 6275DA - (B) - Ratio	30	4	1974	1161	328	394	2670	2139	1161	328	394	2718	2139	1161
CHHM50 - 6275DA - (B) - Ratio	37	4	2089	1161	328	394	2715	2304	1161	328	394	2810	2304	1161
CHHM60 - 6275DA - (B) - Ratio	45	4	2089	1161	328	394	2715	2304	1161	328	394	2810	2304	1161

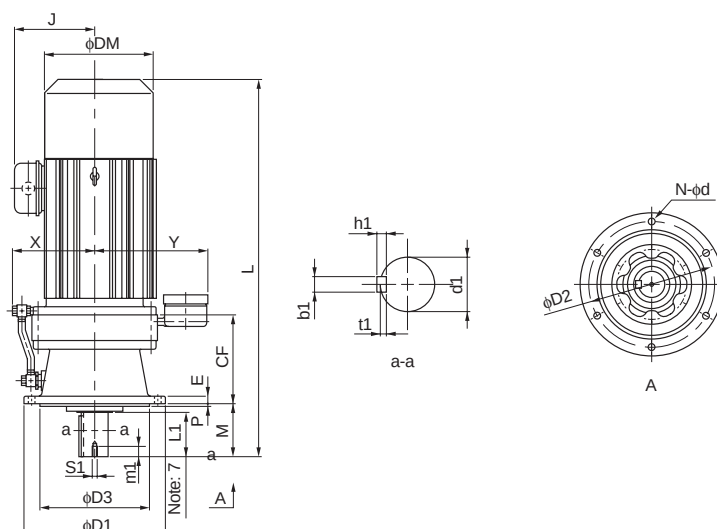
Note: 4. "B" after the frame size indicates models equipped with brake.

5. Dimension of shaft end: Refer to pages F-28 to F-29 for details.

6. Dimensions in above drawings are subject to change without notice.

Dimension Tables Gearmotors (Vertical, Slow Speed Shaft Down, V-Flange Mount)

CVVM^{Note 1} - 613□ to 614□



GEARMOTORS

 Dimension Tables
CVVM

Frame size Note 5	CF	D1	D2	D3	M	E	P	N	d	X	Y	Output Shaft Note 2, 3, 7						
												d1	L1	b1	h1	t1	S1	m1
613□	164	260	230	200	76	15	4	6	11	152	233	50	61	14	9	5.5	M10	18
614□	164	260	230	200	96	15	4	6	11	152	233	50	81	14	9	5.5	M10	18

Model Note 5, 6	Motor		Standard					With Brake			
	kW	P	L	J	DM	W(kg)		L	J	DM	W(kg)
CVVM08 - 613□ - (B) - Ratio	0.55	4	477	140	148	51		520	140	148	54
CVVM1 - 613□ - (B) - Ratio	0.75	4	477	140	148	51		520	140	148	54
CVVM1H - 613□ - (B) - Ratio	1.1	4	510	145	160	55		572	145	160	60
CVVM2 - 613□ - (B) - Ratio	1.5	4	510	145	160	55		572	145	160	60
CVVM3 - 613□ - (B) - Ratio	2.2	4	530	152	173	58		593	152	173	65
CVVM4 - 613□ - (B) - Ratio	3.0	4	553	168	212	68		625	168	212	78
CVVM5 - 613□ - (B) - Ratio	3.7	4	553	168	212	68		625	168	212	78
CVVM8 - 613□ - (B) - Ratio	5.5	4	597	168	212	75		669	168	212	85
CVVM10 - 613□ - (B) - Ratio	7.5	4	620	213	251	90		715	213	251	108
CVVM15 - 613□ - (B) - Ratio	11	4	680	213	251	104		775	213	251	121
CVVM1 - 614□ - (B) - Ratio	0.75	4	497	140	148	52		540	140	148	55
CVVM1H - 614□ - (B) - Ratio	1.1	4	530	145	160	56		592	145	160	61
CVVM2 - 614□ - (B) - Ratio	1.5	4	530	145	160	56		592	145	160	61
CVVM3 - 614□ - (B) - Ratio	2.2	4	550	152	173	59		613	152	173	66
CVVM4 - 614□ - (B) - Ratio	3.0	4	573	168	212	69		645	168	212	79
CVVM5 - 614□ - (B) - Ratio	3.7	4	573	168	212	69		645	168	212	79
CVVM8 - 614□ - (B) - Ratio	5.5	4	617	168	212	76		689	168	212	86
CVVM10 - 614□ - (B) - Ratio	7.5	4	640	213	251	91		735	213	251	109
CVVM15 - 614□ - (B) - Ratio	11	4	700	213	251	104		795	213	251	122
CVVM20 - 614□ - (B) - Ratio	15	4	790	261	324	156		895	261	324	190

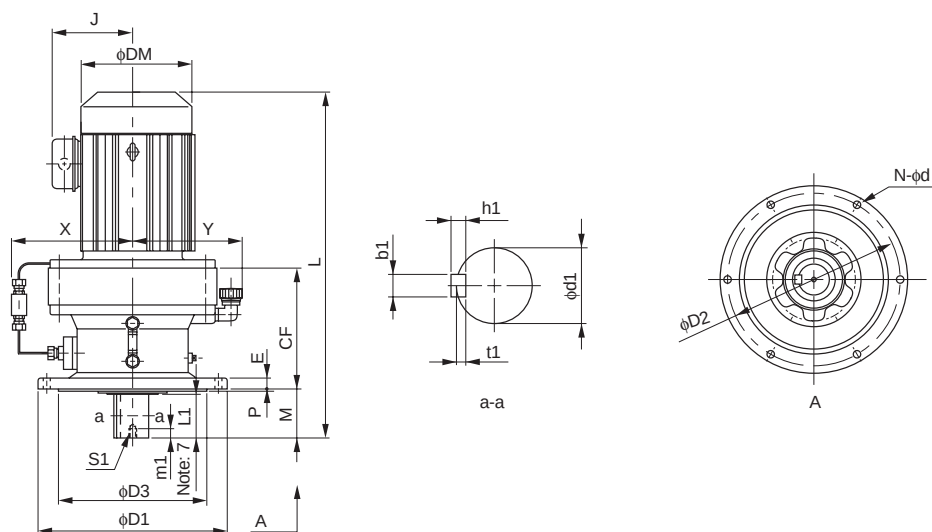
Note: 5. □ indicates 0 or 5, expressing combination with reduction ratio. Refer to the Selection Table for details.

6. "B" after the frame size indicates models equipped with brake.

7. Dimension of shaft end: Refer to pages F-28 to F-29 for details.

8. Dimensions in above drawings are subject to change without notice.

Dimension Tables Gearmotors (Vertical, Slow Speed Shaft Down, V-Flange Mount)

CVVM^{Note 1} - 616□ to 617□

Frame size Note 5	CF	D1	D2	D3	M	E	P	N	d	X	Y	Output Shaft Note 2, 3, 7						
												d1	L1	b1	h1	t1	S1	m1
616□	219	340	310	270	89	20	4	6	11	217	200	60	80	18	11	7	M10	18
617□	258	400	360	316	94	22	5	8	14	222	225	70	84	20	12	7.5	M12	24

Model Note 5, 6	Motor		Standard				With Brake			
	kW	P	L	J	DM	W(kg)	L	J	DM	W(kg)
CVVM1H - 616□ - (B) - Ratio	1.1	4	583	145	160	89	645	145	160	94
CVVM2 - 616□ - (B) - Ratio	1.5	4	583	145	160	89	645	145	160	94
CVVM3 - 616□ - (B) - Ratio	2.2	4	598	152	173	92	661	152	173	98
CVVM4 - 616□ - (B) - Ratio	3.0	4	621	168	212	101	693	168	212	111
CVVM5 - 616□ - (B) - Ratio	3.7	4	621	168	212	101	693	168	212	111
CVVM8 - 616□ - (B) - Ratio	5.5	4	665	168	212	108	737	168	212	118
CVVM10 - 616□ - (B) - Ratio	7.5	4	693	213	251	124	788	213	251	141
CVVM15 - 616□ - (B) - Ratio	11	4	753	213	251	138	848	213	251	155
CVVM20 - 616□ - (B) - Ratio	15	4	838	261	324	191	943	261	324	225
CVVM25 - 616□ - (B) - Ratio	18.5	4	933	328	394	267	1098	328	394	318
CVVM30 - 616□ - (B) - Ratio	22	4	933	328	394	267	1098	328	394	318
CVVM4 - 617□ - (B) - Ratio	3.0	4	680	168	212	144	752	168	212	154
CVVM5 - 617□ - (B) - Ratio	3.7	4	680	168	212	144	752	168	212	154
CVVM8 - 617□ - (B) - Ratio	5.5	4	724	168	212	151	796	168	212	161
CVVM10 - 617□ - (B) - Ratio	7.5	4	742	213	251	166	837	213	251	184
CVVM15 - 617□ - (B) - Ratio	11	4	802	213	251	180	897	213	251	198
CVVM20 - 617□ - (B) - Ratio	15	4	882	261	324	234	987	261	324	268
CVVM25 - 617□ - (B) - Ratio	18.5	4	977	328	394	306	1142	328	324	357
CVVM30 - 617□ - (B) - Ratio	22	4	977	328	394	306	1142	328	324	357
CVVM40 - 617□ - (B) - Ratio	30	4	977	328	394	323	1142	328	324	366

Note: 1. □ indicates motor capacity.

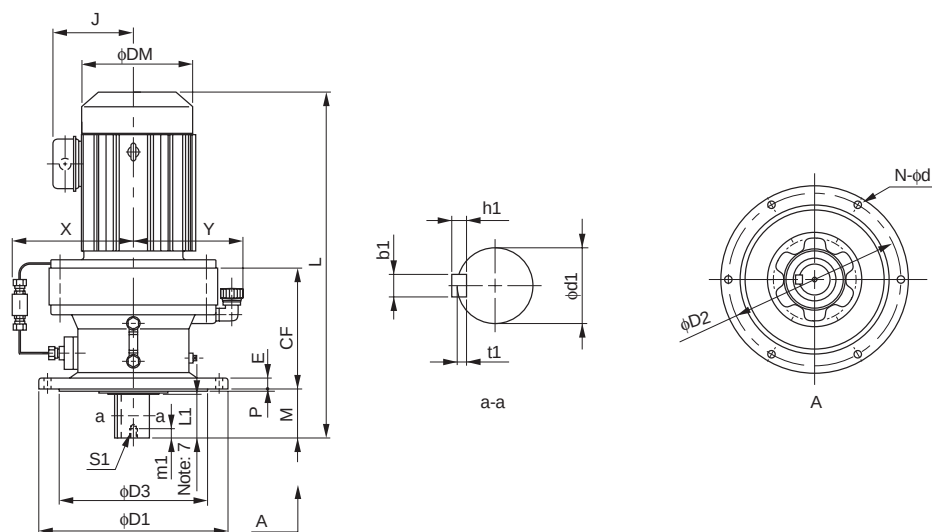
2. Dimension of shaft end diameter: Dimension tolerance conforms to JIS B 0401-1976 "h6."

3. Dimension of shaft end key: Dimension tolerance conforms to JIS B 1301-1996 "Parallel Key."

4. Pilot diameter (φD3): Dimension tolerance conforms to JIS B 0401-1976 "f8."

Dimension Tables Gearmotors (Vertical, Slow Speed Shaft Down, V-Flange Mount)

CVVM^{Note 1} - 618□ to 619□



GEARMOTORS

 Dimension Tables
CVVM

Frame size Note 5	CF	D1	D2	D3	M	E	P	N	d	X	Y	Output Shaft Note 2, 3, 7						
												d1	L1	b1	h1	t1	S1	m1
618□	279	430	390	345	110	22	5	8	18	237	240	80	100	22	14	9	M12	24
619□	320	490	450	400	145	30	6	12	18	265	270	95	125	25	14	9	M20	34

Model Note 5, 6	Motor		Standard				With Brake			
	kW	P	L	J	DM	W(kg)	L	J	DM	W(kg)
CVVM4 - 618□ - (B) - Ratio	3.0	4	717	168	212	170	789	168	212	180
CVVM5 - 618□ - (B) - Ratio	3.7	4	717	168	212	170	789	168	212	180
CVVM8 - 618□ - (B) - Ratio	5.5	4	761	168	212	178	833	168	212	188
CVVM10 - 618□ - (B) - Ratio	7.5	4	779	213	251	193	874	213	251	211
CVVM15 - 618□ - (B) - Ratio	11	4	839	213	251	207	934	213	251	225
CVVM20 - 618□ - (B) - Ratio	15	4	919	261	324	267	1024	261	324	296
CVVM25 - 618□ - (B) - Ratio	18.5	4	1014	328	394	333	1179	328	394	384
CVVM30 - 618□ - (B) - Ratio	22	4	1014	328	394	333	1179	328	394	384
CVVM40 - 618□ - (B) - Ratio	30	4	1014	328	394	350	1179	328	394	393
CVVM50 - 618□ - (B) - Ratio	37	4	1129	328	394	398	1344	328	394	495
CVVM60 - 618□ - (B) - Ratio	45	4	1129	328	394	398	1344	328	394	495
CVVM8 - 619□ - (B) - Ratio	5.5	4	857	168	212	250	929	168	212	260
CVVM10 - 619□ - (B) - Ratio	7.5	4	870	213	251	263	965	213	251	281
CVVM15 - 619□ - (B) - Ratio	11	4	930	213	251	277	1025	213	251	295
CVVM20 - 619□ - (B) - Ratio	15	4	995	261	324	330	1100	261	324	365
CVVM25 - 619□ - (B) - Ratio	18.5	4	1090	328	394	408	1255	328	394	453
CVVM256 - 619□ - (B) - Ratio	18.5	6	1090	328	394	421	1255	328	394	466
CVVM30 - 619□ - (B) - Ratio	22	4	1090	328	394	408	1255	328	394	453
CVVM40 - 619□ - (B) - Ratio	30	4	1090	328	394	421	1255	328	394	466
CVVM406 - 619□ - (B) - Ratio	30	6	1205	328	394	459	1420	328	394	556
CVVM50 - 619□ - (B) - Ratio	37	4	1205	328	394	459	1420	328	394	556
CVVM506 - 619□ - (B) - Ratio	37	6	1205	328	394	459	1420	328	394	556
CVVM60 - 619□ - (B) - Ratio	45	4	1205	328	394	459	1420	328	394	556

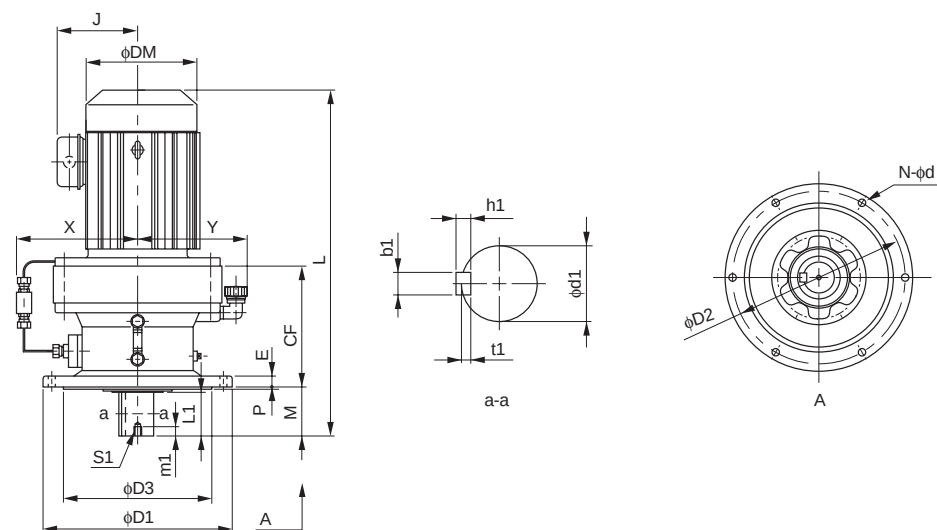
Note: 5. □ indicates 0 or 5, expressing combination with reduction ratio. Refer to the Selection Table for details.

6. "B" after the frame size indicates models equipped with brake.

7. Dimension of shaft end: Refer to pages F-28 to F-29 for details.

8. Dimensions in above drawings are subject to change without notice.

Dimension Tables Gearmotors (Vertical, Slow Speed Shaft Down, V-Flange Mount)

CVVM^{Note 1} - 6205 to 6215

Frame size	CF	D1	D2	D3	M	E	P	N	d	X	Y	Output Shaft Note 2, 3, 6						
												d1	L1	b1	h1	t1	S1	m1
6205	298	455	405	355	204	30	5	8	22	341	287	100	165	28	16	10	M20	34
6215	323	490	440	390	203	35	7	8	24	348	306	110	165	28	16	10	M20	34

Model	Note 5	Motor		Standard				With Brake			
		kW	P	L	J	DM	W(kg)	L	J	DM	W(kg)
CVVM15 - 6205	- (B) - Ratio	11	4	972	213	251	299	1067	213	251	317
CVVM20 - 6205	- (B) - Ratio	15	4	1042	261	324	353	1147	261	324	389
CVVM206 - 6205	- (B) - Ratio	15	6	1127	328	394	428	1292	328	394	473
CVVM25 - 6205	- (B) - Ratio	18.5	4	1127	328	394	428	1292	328	394	473
CVVM30 - 6205	- (B) - Ratio	22	4	1127	328	394	428	1292	328	394	473
CVVM306 - 6205	- (B) - Ratio	22	6	1127	328	394	441	1292	328	394	486
CVVM40 - 6205	- (B) - Ratio	30	4	1127	328	394	441	1292	328	394	486
CVVM406 - 6205	- (B) - Ratio	30	6	1242	328	394	479	1457	328	394	573
CVVM50 - 6205	- (B) - Ratio	37	4	1242	328	394	479	1457	328	394	573
CVVM506 - 6205	- (B) - Ratio	37	6	1242	328	394	479	1457	328	394	573
CVVM60 - 6205	- (B) - Ratio	45	4	1242	328	394	479	1457	328	394	573
CVVM606 - 6205	- (B) - Ratio	45	6	1297	378	484	572	-	-	-	-
CVVM75 - 6205	- (B) - Ratio	55	4	1297	378	484	572	-	-	-	-
CVVM15 - 6215	- (B) - Ratio	11	4	996	213	251	377	1091	213	251	395
CVVM20 - 6215	- (B) - Ratio	15	4	1066	261	324	432	1171	261	324	467
CVVM206 - 6215	- (B) - Ratio	15	6	1151	328	394	501	1316	328	394	546
CVVM25 - 6215	- (B) - Ratio	18.5	4	1151	328	394	501	1316	328	394	546
CVVM256 - 6215	- (B) - Ratio	18.5	6	1151	328	394	514	1316	328	394	559
CVVM30 - 6215	- (B) - Ratio	22	4	1151	328	394	501	1316	328	394	546
CVVM306 - 6215	- (B) - Ratio	22	6	1151	328	394	514	1316	328	394	559
CVVM40 - 6215	- (B) - Ratio	30	4	1151	328	394	514	1316	328	394	559
CVVM406 - 6215	- (B) - Ratio	30	6	1266	328	394	569	1481	328	394	664
CVVM50 - 6215	- (B) - Ratio	37	4	1266	328	394	569	1481	328	394	664
CVVM506 - 6215	- (B) - Ratio	37	6	1266	328	394	569	1481	328	394	664
CVVM60 - 6215	- (B) - Ratio	45	4	1266	328	394	569	1481	328	394	664
CVVM606 - 6215	- (B) - Ratio	45	6	1321	378	484	662	-	-	-	-
CVVM75 - 6215	- (B) - Ratio	55	4	1321	378	484	662	-	-	-	-

Note: 1. $\square$ indicates motor capacity.

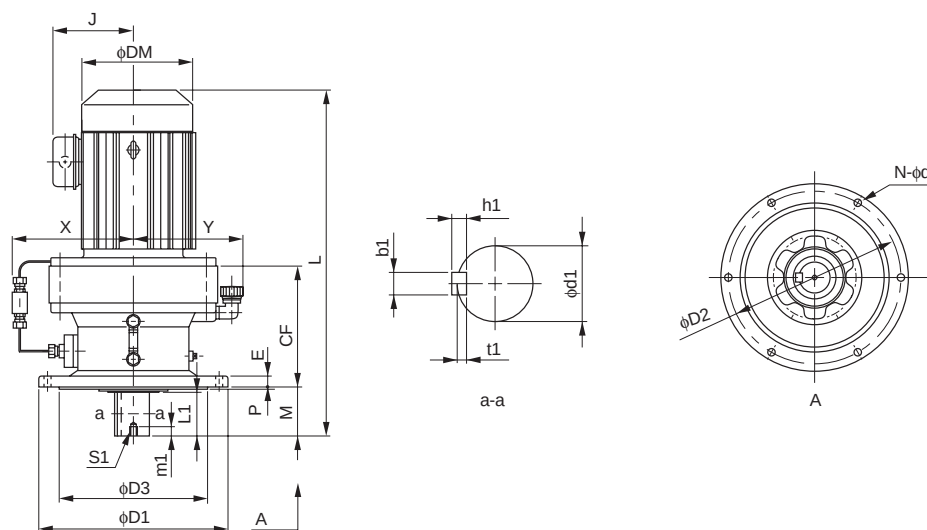
2. Dimension of shaft end diameter: Dimension tolerance conforms to JIS B 0401-1976 "h6."

3. Dimension of shaft end key: Dimension tolerance conforms to JIS B 1301-1996 "Parallel Key."

4. Pilot diameter ($\phi D3$): Dimension tolerance conforms to JIS B 0401-1976 "f8."

Dimension Tables Gearmotors (Vertical, Slow Speed Shaft Down, V-Flange Mount)

CVVM^{Note 1} - 6225 to 6235



GEARMOTORS

 Dimension Tables
CVVM

Frame size	CF	D1	D2	D3	M	E	P	N	d	X	Y	Output Shaft Note 2, 3, 6						
												d1	L1	b1	h1	t1	S1	m1
6225	356	535	475	415	210	35	10	8	27	352	326	120	165	32	18	11	M20	34
6235	378	570	510	450	250	40	10	8	27	359	344	130	200	32	18	11	M24	41

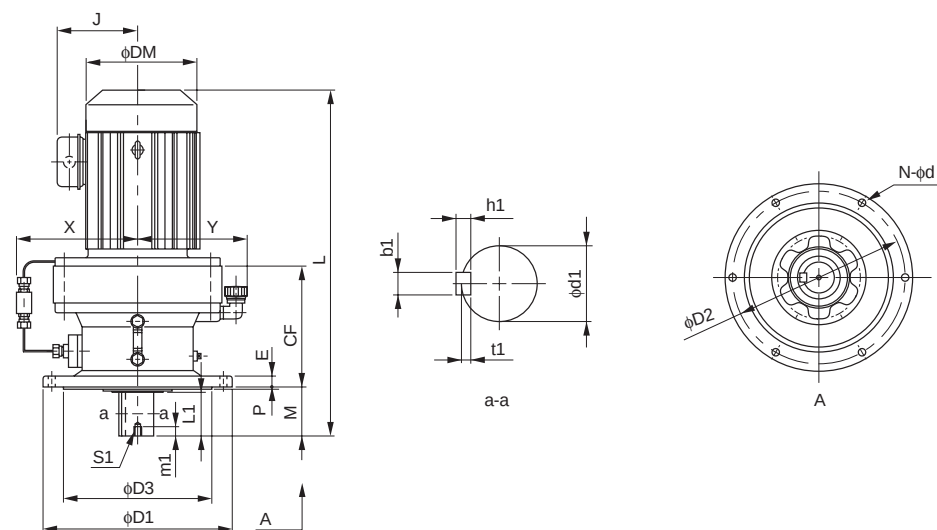
Model Note 5	Motor		Standard				With Brake			
	kW	P	L	J	DM	W(kg)	L	J	DM	W(kg)
CVVM206 - 6225 - (B) - Ratio	15	6	1191	328	394	593	1356	328	394	638
CVVM25 - 6225 - (B) - Ratio	18.5	4	1191	328	394	593	1356	328	394	638
CVVM256 - 6225 - (B) - Ratio	18.5	6	1191	328	394	606	1356	328	394	651
CVVM30 - 6225 - (B) - Ratio	22	4	1191	328	394	593	1356	328	394	638
CVVM306 - 6225 - (B) - Ratio	22	6	1191	328	394	606	1356	328	394	651
CVVM40 - 6225 - (B) - Ratio	30	4	1191	328	394	606	1356	328	394	651
CVVM406 - 6225 - (B) - Ratio	30	6	1306	328	394	660	1521	328	394	755
CVVM50 - 6225 - (B) - Ratio	37	4	1306	328	394	660	1521	328	394	755
CVVM506 - 6225 - (B) - Ratio	37	6	1306	328	394	660	1521	328	394	755
CVVM60 - 6225 - (B) - Ratio	45	4	1306	328	394	660	1521	328	394	755
CVVM606 - 6225 - (B) - Ratio	45	6	1361	378	484	743	-	-	-	-
CVVM75 - 6225 - (B) - Ratio	55	4	1361	378	484	743	-	-	-	-
CVVM206 - 6235 - (B) - Ratio	15	6	1253	328	394	653	1418	328	394	684
CVVM256 - 6235 - (B) - Ratio	18.5	6	1253	328	394	653	1418	328	394	698
CVVM306 - 6235 - (B) - Ratio	22	6	1253	328	394	653	1418	328	394	698
CVVM406 - 6235 - (B) - Ratio	30	6	1368	328	394	699	1583	328	394	787
CVVM506 - 6235 - (B) - Ratio	37	6	1368	328	394	699	1583	328	394	787
CVVM606 - 6235 - (B) - Ratio	45	6	1423	378	484	788	-	-	-	-
CVVM756 - 6235 - (B) - Ratio	55	6	1503	378	485	842	-	-	-	-

Note: 5. "B" after the frame size indicates models equipped with brake.

6. Dimension of shaft end: Refer to pages F-28 to F-29 for details.

7. Dimensions in above drawings are subject to change without notice.

Dimension Tables Gearmotors (Vertical, Slow Speed Shaft Down, V-Flange Mount)

CVVM - 6245 to 6265

Frame size	CF	D1	D2	D3	M	E	P	N	d	X	Y	Output Shaft Note 2, 3, 7						
												d1	L1	b1	h1	t1	S1	m1
6245	407	635	560	485	250	40	10	8	33	370	371	140	200	36	20	12	M24	41
6255	480	685	610	535	295	45	10	8	33	426	399	160	240	40	22	13	M30	49
6265	532	750	660	570	360	50	10	8	39	460	431	170	300	40	22	13	M30	49

Model	Note 6	Motor		Standard				With Brake			
		kW	P	L	J	DM	W(kg)	L	J	DM	W(kg)
CVVM206 - 6245	- (B) - Ratio	15	6	1282	328	394	759	1447	328	394	792
CVVM256 - 6245	- (B) - Ratio	18.5	6	1282	328	394	759	1447	328	394	806
CVVM306 - 6245	- (B) - Ratio	22	6	1282	328	394	759	1447	328	394	806
CVVM406 - 6245	- (B) - Ratio	30	6	1397	328	394	805	1612	328	394	893
CVVM506 - 6245	- (B) - Ratio	37	6	1397	328	394	805	1612	328	394	893
CVVM606 - 6245	- (B) - Ratio	45	6	1452	378	484	896	-	-	-	-
CVVM756 - 6245	- (B) - Ratio	55	6	1532	378	485	945	-	-	-	-
CVVM206 - 6255	- (B) - Ratio	15	6	1400	328	394	1045	1565	328	394	1123
CVVM256 - 6255	- (B) - Ratio	18.5	6	1400	328	394	1045	1565	328	394	1137
CVVM306 - 6255	- (B) - Ratio	22	6	1400	328	394	1045	1565	328	394	1137
CVVM406 - 6255	- (B) - Ratio	30	6	1515	328	394	1090	1730	328	394	1178
CVVM506 - 6255	- (B) - Ratio	37	6	1515	328	394	1090	1730	328	394	1178
CVVM606 - 6255	- (B) - Ratio	45	6	1570	378	484	1170	-	-	-	-
CVVM756 - 6255	- (B) - Ratio	55	6	1650	378	485	1225	-	-	-	-
CVVM406 - 6265	- (B) - Ratio	22	6	1517	328	394	1350	1727	328	394	1397
CVVM406 - 6265	- (B) - Ratio	30	6	1632	328	394	1395	1847	328	394	1483
CVVM506 - 6265	- (B) - Ratio	37	6	1632	328	394	1395	1847	328	394	1483
CVVM606 - 6265	- (B) - Ratio	45	6	1687	378	484	1490	-	-	-	-

Note: 1.  indicates motor capacity.

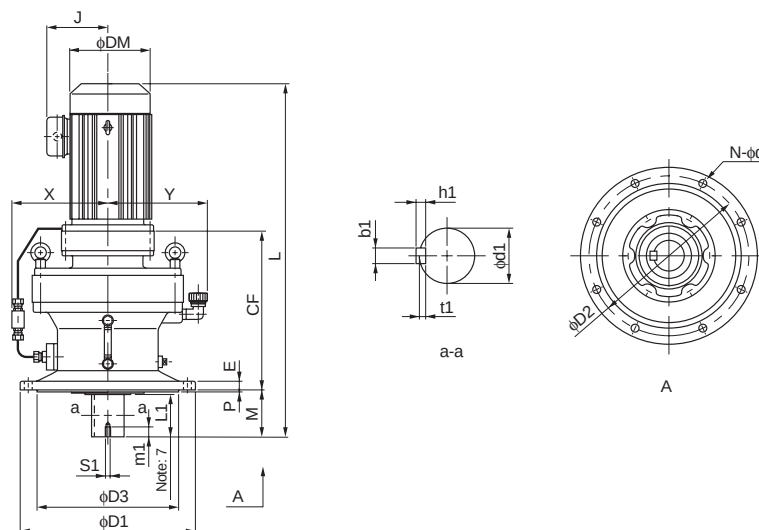
2. Dimension of shaft end diameter: Dimension tolerance conforms to JIS B 0401-1976 "h6."

3. Dimension of shaft end key: Dimension tolerance conforms to JIS B 1301-1996 "Parallel Key."

4. Pilot diameter (φD3): Dimension tolerance conforms to JIS B 0401-1976 "f8."

Dimension Tables Gearmotors (Vertical, Slow Speed Shaft Down, V-Flange Mount)

CVVM^{Note 1} - 619□DA to 619□DB



GEARMOTORS

 Dimension Tables
CVVM

Frame size Note 5	CF	D1	D2	D3	M	E	P	N	d	X	Y	Output Shaft Note 2, 3, 7						
												d1	L1	b1	h1	t1	S1	m1
619□DA	411	490	450	400	145	30	6	12	18	255	270	95	125	25	14	9	M20	34
619□DB	427	490	450	400	145	30	6	12	18	255	270	95	125	25	14	9	M20	34

Model Note 5, 6	Motor		Standard				With Brake			
	kW	P	L	J	DM	W(kg)	L	J	DM	W(kg)
CVVM1 - 619□DA - (B) - Ratio	0.75	4	793	140	148	238	836	140	148	241
CVVM1H - 619□DA - (B) - Ratio	1.1	4	826	145	160	242	888	145	160	247
CVVM2 - 619□DA - (B) - Ratio	1.5	4	826	145	160	242	888	145	160	247
CVVM3 - 619□DA - (B) - Ratio	2.2	4	846	152	173	246	909	152	173	253
CVVM4 - 619□DA - (B) - Ratio	3.0	4	869	168	212	256	941	168	212	266
CVVM5 - 619□DA - (B) - Ratio	3.7	4	869	168	212	256	941	168	212	266
CVVM8 - 619□DA - (B) - Ratio	5.5	4	913	168	212	263	985	168	212	273
CVVM2 - 619□DB - (B) - Ratio	1.5	4	842	145	160	249	904	145	160	254
CVVM3 - 619□DB - (B) - Ratio	2.2	4	862	152	173	253	925	152	173	260
CVVM4 - 619□DB - (B) - Ratio	3.0	4	885	168	212	263	957	168	212	273
CVVM5 - 619□DB - (B) - Ratio	3.7	4	885	168	212	263	957	168	212	273
CVVM8 - 619□DB - (B) - Ratio	5.5	4	929	168	212	270	1001	168	212	280
CVVM10 - 619□DB - (B) - Ratio	7.5	4	952	213	251	285	1047	213	251	303
CVVM15 - 619□DB - (B) - Ratio	11	4	1012	213	251	299	1107	213	251	317
CVVM20 - 619□DB - (B) - Ratio	15	4	1102	261	324	351	1207	261	324	385

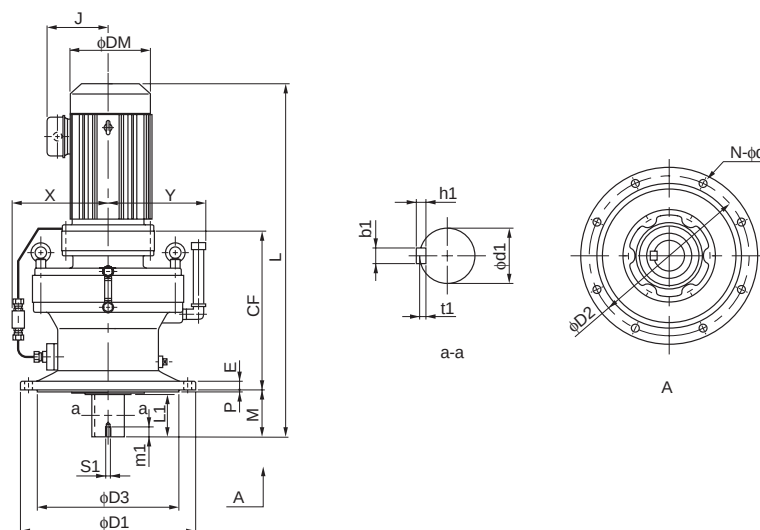
Note: 5. □ indicates 0 or 5, expressing combination with reduction ratio. Refer to the Selection Table for details.

6. "B" after the frame size indicates models equipped with brake.

7. Dimension of shaft end: Refer to pages F-28 to F-29 for details.

8. Dimensions in above drawings are subject to change without notice.

Dimension Tables Gearmotors (Vertical, Slow Speed Shaft Down, V-Flange Mount)

CVVM^{Note 1} - 6205DA to 6215DA

Frame size	CF	D1	D2	D3	M	E	P	N	d	X	Y	Output Shaft Note 2, 3, 6						
												d1	L1	b1	h1	t1	S1	m1
6205DA	393	455	405	355	204	30	5	8	22	341	287	100	165	28	16	10	M20	34
6205DB	420	455	405	355	204	30	5	8	22	341	287	100	165	28	16	10	M20	34
6215DA	447	490	440	390	203	35	7	8	24	348	306	110	165	28	16	10	M20	34

Model	Note 5	Motor		Standard				With Brake			
		kW	P	L	J	DM	W(kg)	L	J	DM	W(kg)
CVVM1 - 6205DA - (B) - Ratio		0.75	4	834	140	148	254	877	140	148	257
CVVM2 - 6205DA - (B) - Ratio		1.5	4	867	145	160	257	929	145	160	263
CVVM3 - 6205DA - (B) - Ratio		2.2	4	887	152	173	262	949	152	173	269
CVVM4 - 6205DA - (B) - Ratio		3.0	4	910	168	212	272	982	168	212	282
CVVM5 - 6205DA - (B) - Ratio		3.7	4	910	168	212	272	982	168	212	282
CVVM8 - 6205DA - (B) - Ratio		5.5	4	954	168	212	279	1026	168	212	289
CVVM3 - 6205DB - (B) - Ratio		2.2	4	914	152	173	274	977	152	173	281
CVVM4 - 6205DB - (B) - Ratio		3.0	4	937	168	212	284	1009	168	212	294
CVVM5 - 6205DB - (B) - Ratio		3.7	4	937	168	212	284	1009	168	212	301
CVVM8 - 6205DB - (B) - Ratio		5.5	4	981	168	212	291	1053	168	212	324
CVVM10 - 6205DB - (B) - Ratio		7.5	4	1004	213	251	306	1099	213	251	347
CVVM15 - 6205DB - (B) - Ratio		11	4	1064	213	251	320	1159	213	251	361
CVVM20 - 6205DB - (B) - Ratio		15	4	1154	259	324	372	1249	259	324	429
CVVM2 - 6215DA - (B) - Ratio		1.5	4	920	145	160	331	982	145	160	336
CVVM3 - 6215DA - (B) - Ratio		2.2	4	940	152	173	334	1003	152	173	341
CVVM4 - 6215DA - (B) - Ratio		3.0	4	963	168	212	344	1035	168	212	354
CVVM5 - 6215DA - (B) - Ratio		3.7	4	963	168	212	344	1035	168	212	354
CVVM8 - 6215DA - (B) - Ratio		5.5	4	1007	168	212	351	1079	168	212	361
CVVM10 - 6215DA - (B) - Ratio		7.5	4	1030	213	251	366	1125	213	251	384
CVVM15 - 6215DA - (B) - Ratio		11	4	1090	213	251	380	1185	213	251	398
CVVM20 - 6215DA - (B) - Ratio		15	4	1180	161	324	432	1285	161	324	466

Note: 1. $\square$ indicates motor capacity.

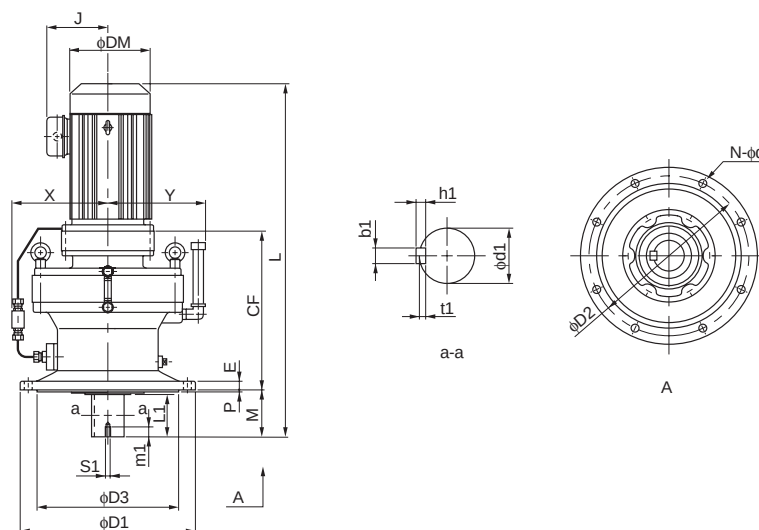
2. Dimension of shaft end diameter: Dimension tolerance conforms to JIS B 0401-1976 "h6."

3. Dimension of shaft end key: Dimension tolerance conforms to JIS B 1301-1996 "Parallel Key."

4. Pilot diameter ($\phi D3$): Dimension tolerance conforms to JIS B 0401-1976 "f8."

Dimension Tables Gearmotors (Vertical, Slow Speed Shaft Down, V-Flange Mount)

CVVM^{Note 1} - 6215DB to 6225DB



GEARMOTORS

Dimension Tables
CVVM

Frame size	CF	D1	D2	D3	M	E	P	N	d	X	Y	Output Shaft ^{Note 2, 3, 6}						
												d1	L1	b1	h1	t1	S1	m1
6215DB	472	490	440	390	203	35	7	8	24	348	306	110	165	28	16	10	M20	34
6225DA	482	535	475	415	210	35	10	8	27	352	326	120	165	32	18	11	M20	34
6225DB	525	535	475	415	210	35	10	8	27	352	326	120	165	32	18	11	M20	34

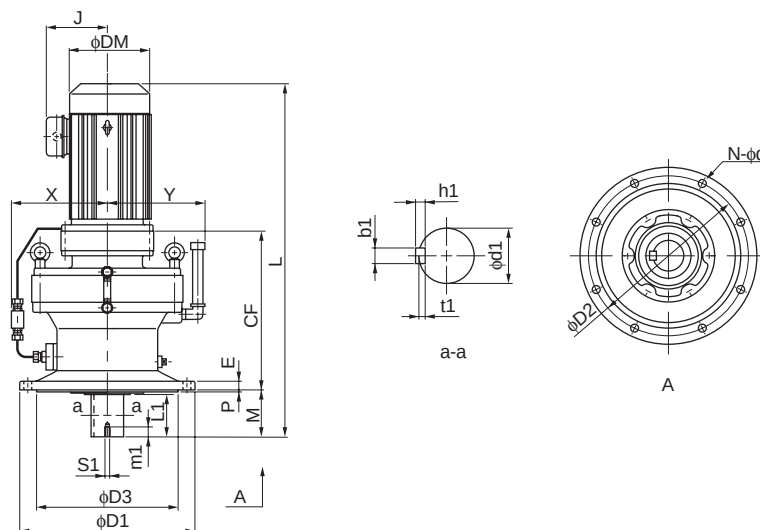
Model	Note 5	Motor		Standard				With Brake			
		kW	P	L	J	DM	W(kg)	L	J	DM	W(kg)
CVVM5 - 6215DB - (B) - Ratio		3.7	4	993	168	212	377	1065	168	212	387
CVVM8 - 6215DB - (B) - Ratio		5.5	4	1037	168	212	384	1109	168	212	400
CVVM10 - 6215DB - (B) - Ratio		7.5	4	1060	213	251	400	1155	213	251	417
CVVM15 - 6215DB - (B) - Ratio		11	4	1120	213	251	414	1215	213	251	431
CVVM20 - 6215DB - (B) - Ratio		15	4	1205	261	324	467	1310	261	324	500
CVVM25 - 6215DB - (B) - Ratio		18.5	4	1300	328	394	543	1465	328	394	587
CVVM30 - 6215DB - (B) - Ratio		22	4	1300	328	394	543	1465	328	394	587
CVVM2 - 6225DA - (B) - Ratio		1.5	4	962	145	160	420	1024	145	160	425
CVVM3 - 6225DA - (B) - Ratio		2.2	4	982	152	173	423	1045	152	173	430
CVVM4 - 6225DA - (B) - Ratio		3.0	4	1005	168	212	433	1077	168	212	443
CVVM5 - 6225DA - (B) - Ratio		3.7	4	1005	168	212	433	1077	168	212	443
CVVM8 - 6225DA - (B) - Ratio		5.5	4	1049	168	212	440	1121	168	212	450
CVVM10 - 6225DA - (B) - Ratio		7.5	4	1072	213	251	455	1167	213	251	473
CVVM15 - 6225DA - (B) - Ratio		11	4	1132	213	251	469	1227	213	251	486
CVVM20 - 6225DA - (B) - Ratio		15	4	1222	261	324	521	1327	261	324	554
CVVM5 - 6225DB - (B) - Ratio		3.7	4	1058	168	212	479	1130	168	212	490
CVVM8 - 6225DB - (B) - Ratio		5.5	4	1102	168	212	486	1174	168	212	497
CVVM10 - 6225DB - (B) - Ratio		7.5	4	1125	213	251	501	1220	213	251	519
CVVM15 - 6225DB - (B) - Ratio		11	4	1185	213	251	515	1280	213	251	533
CVVM20 - 6225DB - (B) - Ratio		15	4	1265	261	324	569	1370	261	324	603
CVVM25 - 6225DB - (B) - Ratio		18.5	4	1360	328	394	661	1525	328	394	685
CVVM30 - 6225DB - (B) - Ratio		22	4	1360	328	394	661	1525	328	394	685
CVVM40 - 6225DB - (B) - Ratio		30	4	1360	328	394	678	1525	328	394	721

Note: 5. "B" after the frame size indicates models equipped with brake.

6. Dimension of shaft end: Refer to pages F-28 to F-29 for details.

7. Dimensions in above drawings are subject to change without notice.

Dimension Tables Gearmotors (Vertical, Slow Speed Shaft Down, V-Flange Mount)

CVVM^{Note 1} - 6235DA to 6245DB

Frame size	CF	D1	D2	D3	M	E	P	N	d	X	Y	Output Shaft Note 2, 3, 6						
												d1	L1	b1	h1	t1	S1	m1
6235DA	529	570	510	450	250	40	10	8	27	359	344	130	200	32	18	11	M24	41
6235DB	551	570	510	450	250	40	10	8	27	359	344	130	200	32	18	11	M24	41
6245DA	566	635	560	485	250	40	10	8	33	370	371	140	200	36	20	12	M24	41
6245DB	587	635	560	485	250	40	10	8	33	370	371	140	200	36	20	12	M24	41

Model	Note 5	Motor		Standard				With Brake			
		kW	P	L	J	DM	W(kg)	L	J	DM	W(kg)
CVVM3 - 6235DA - (B) - Ratio		2.2	4	1069	152	173	523	1131	152	173	529
CVVM4 - 6235DA - (B) - Ratio		3.0	4	1091	168	212	532	1163	168	212	542
CVVM5 - 6235DA - (B) - Ratio		3.7	4	1091	168	212	532	1163	168	212	542
CVVM8 - 6235DA - (B) - Ratio		5.5	4	1135	168	212	539	1207	168	212	549
CVVM10 - 6235DA - (B) - Ratio		7.5	4	1163	213	251	555	1258	213	251	572
CVVM15 - 6235DA - (B) - Ratio		11	4	1223	213	251	569	1318	213	251	586
CVVM20 - 6235DA - (B) - Ratio		15	4	1309	261	324	622	1413	261	324	656
CVVM25 - 6235DA - (B) - Ratio		18.5	4	1403	328	394	698	1568	328	394	742
CVVM30 - 6235DA - (B) - Ratio		22	4	1403	328	394	698	1568	328	394	742
CVVM15 - 6235DB - (B) - Ratio		11	4	1245	213	251	601	1340	213	251	619
CVVM20 - 6235DB - (B) - Ratio		15	4	1330	261	324	663	1435	261	324	697
CVVM25 - 6235DB - (B) - Ratio		18.5	4	1425	328	394	730	1590	328	394	781
CVVM30 - 6235DB - (B) - Ratio		22	4	1425	328	394	730	1590	328	394	781
CVVM40 - 6235DB - (B) - Ratio		30	4	1425	328	394	744	1590	328	394	787
CVVM50 - 6235DB - (B) - Ratio		37	4	1540	328	394	792	1755	328	394	889
CVVM3 - 6245DA - (B) - Ratio		2.2	4	1106	152	173	617	1169	152	173	623
CVVM4 - 6245DA - (B) - Ratio		3.0	4	1129	168	212	626	1201	168	212	636
CVVM5 - 6245DA - (B) - Ratio		3.7	4	1129	168	212	626	1201	168	212	636
CVVM8 - 6245DA - (B) - Ratio		5.5	4	1173	168	212	633	1245	168	212	643
CVVM10 - 6245DA - (B) - Ratio		7.5	4	1201	213	251	649	1296	213	251	666
CVVM15 - 6245DA - (B) - Ratio		11	4	1261	213	251	663	1356	213	251	680
CVVM20 - 6245DA - (B) - Ratio		15	4	1346	261	324	716	1451	261	324	750
CVVM25 - 6245DA - (B) - Ratio		18.5	4	1441	328	394	792	1606	328	394	845
CVVM30 - 6245DA - (B) - Ratio		22	4	1441	328	394	792	1606	328	394	845
CVVM15 - 6245DB - (B) - Ratio		11	4	1282	213	251	690	1377	213	251	708
CVVM20 - 6245DB - (B) - Ratio		15	4	1367	261	324	750	1472	261	324	779
CVVM25 - 6245DB - (B) - Ratio		18.5	4	1462	328	394	816	1627	328	394	867
CVVM30 - 6245DB - (B) - Ratio		22	4	1462	328	394	816	1627	328	394	867
CVVM40 - 6245DB - (B) - Ratio		30	4	1462	328	394	833	1627	328	394	876
CVVM50 - 6245DB - (B) - Ratio		37	4	1577	328	394	881	1792	328	394	978

Note: 1. $\square$ indicates motor capacity.

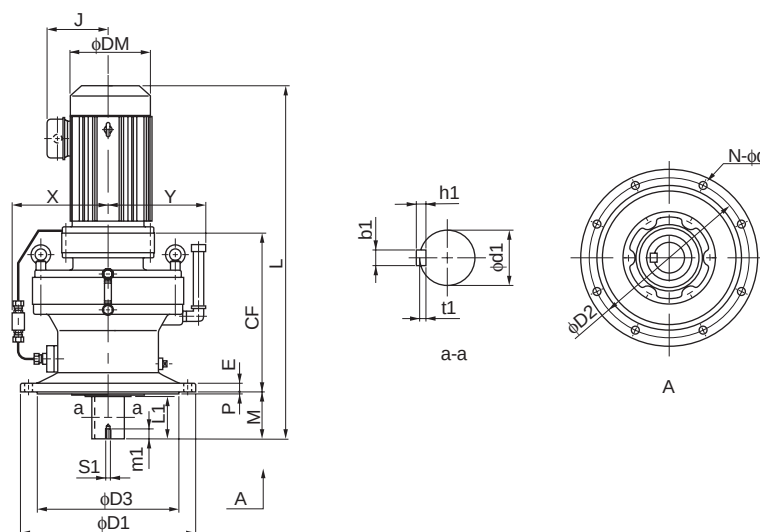
2. Dimension of shaft end diameter: Dimension tolerance conforms to JIS B 0401-1976 "h6."

3. Dimension of shaft end key: Dimension tolerance conforms to JIS B 1301-1996 "Parallel Key."

4. Pilot diameter ($\phi D3$): Dimension tolerance conforms to JIS B 0401-1976 "f8."

Dimension Tables Gearmotors (Vertical, Slow Speed Shaft Down, V-Flange Mount)

CVVM^{Note 1} - 6255DA to 6275DA



Frame size	CF	D1	D2	D3	M	E	P	N	d	X	Y	Output Shaft Note 2, 3, 6						
												d1	L1	b1	h1	t1	S1	m1
6255DA	661	685	610	535	295	45	10	8	33	395	399	160	240	40	22	13	M30	49
6255DB	684	685	610	535	295	45	10	8	33	395	399	160	240	40	22	13	M30	49
6265DA	728	750	660	570	360	50	10	8	39	427	431	170	300	40	22	13	M30	49
6275DA	994	1160	1020	900	355	60	10	8	39	610	613	180	320	45	25	15	M30	52

Model	Note 5	Motor		Standard				With Brake			
		kW	P	L	J	DM	W(kg)	L	J	DM	W(kg)
CVVM5 - 6255DA - (B) - Ratio		3.7	4	1284	168	212	947	1356	168	212	957
CVVM8 - 6255DA - (B) - Ratio		5.5	4	1328	168	212	954	1400	168	212	964
CVVM10 - 6255DA - (B) - Ratio		7.5	4	1346	213	251	969	1441	213	251	984
CVVM15 - 6255DA - (B) - Ratio		11	4	1406	213	251	983	1501	213	251	998
CVVM20 - 6255DA - (B) - Ratio		15	4	1486	261	324	1041	1591	261	324	1077
CVVM25 - 6255DA - (B) - Ratio		18.5	4	1581	328	394	1110	1746	328	394	1161
CVVM30 - 6255DA - (B) - Ratio		22	4	1581	328	394	1110	1746	328	394	1161
CVVM40 - 6255DA - (B) - Ratio		30	4	1581	328	394	1129	1746	328	394	1172
CVVM15 - 6255DB - (B) - Ratio		11	4	1443	213	251	1059	1538	213	251	1074
CVVM20 - 6255DB - (B) - Ratio		15	4	1508	261	324	1109	1613	261	324	1143
CVVM25 - 6255DB - (B) - Ratio		18.5	4	1603	328	394	1185	1768	328	394	1236
CVVM30 - 6255DB - (B) - Ratio		22	4	1603	328	394	1185	1768	328	394	1236
CVVM40 - 6255DB - (B) - Ratio		30	4	1603	328	394	1200	1768	328	394	1243
CVVM50 - 6255DB - (B) - Ratio		37	4	1718	328	394	1238	1928	328	394	1335
CVVM60 - 6255DB - (B) - Ratio		45	4	1718	328	394	1238	1928	328	394	1335
CVVM8 - 6265DA - (B) - Ratio		5.5	4	1480	168	212	1296	1552	168	212	1306
CVVM10 - 6265DA - (B) - Ratio		7.5	4	1493	213	251	1309	1588	213	251	1329
CVVM15 - 6265DA - (B) - Ratio		11	4	1553	213	251	1326	1648	213	251	1341
CVVM20 - 6265DA - (B) - Ratio		15	4	1618	261	324	1376	1723	261	324	1412
CVVM25 - 6265DA - (B) - Ratio		18.5	4	1713	328	394	1455	1878	328	394	1500
CVVM30 - 6265DA - (B) - Ratio		22	4	1713	328	394	1455	1878	328	394	1500
CVVM40 - 6265DA - (B) - Ratio		30	4	1713	328	394	1470	1878	328	394	1513
CVVM50 - 6265DA - (B) - Ratio		37	4	1828	328	394	1505	2043	328	394	1598
CVVM60 - 6265DA - (B) - Ratio		45	4	1828	328	394	1505	2043	328	394	1598
CVVM10 - 6275DA - (B) - Ratio		7.5	4	1754	213	251	2694	1849	213	251	2714
CVVM15 - 6275DA - (B) - Ratio		11	4	1814	213	251	2708	1909	213	251	2723
CVVM20 - 6275DA - (B) - Ratio		15	4	1879	261	324	2761	1984	261	324	2797
CVVM25 - 6275DA - (B) - Ratio		18.5	4	1974	328	394	2840	2139	328	394	2885
CVVM30 - 6275DA - (B) - Ratio		22	4	1974	328	394	2840	2139	328	394	2885
CVVM40 - 6275DA - (B) - Ratio		30	4	1974	328	394	2855	2139	328	394	2898
CVVM50 - 6275DA - (B) - Ratio		37	4	2089	328	394	2890	2304	328	394	2983
CVVM60 - 6275DA - (B) - Ratio		45	4	2089	328	394	2890	2304	328	394	2983

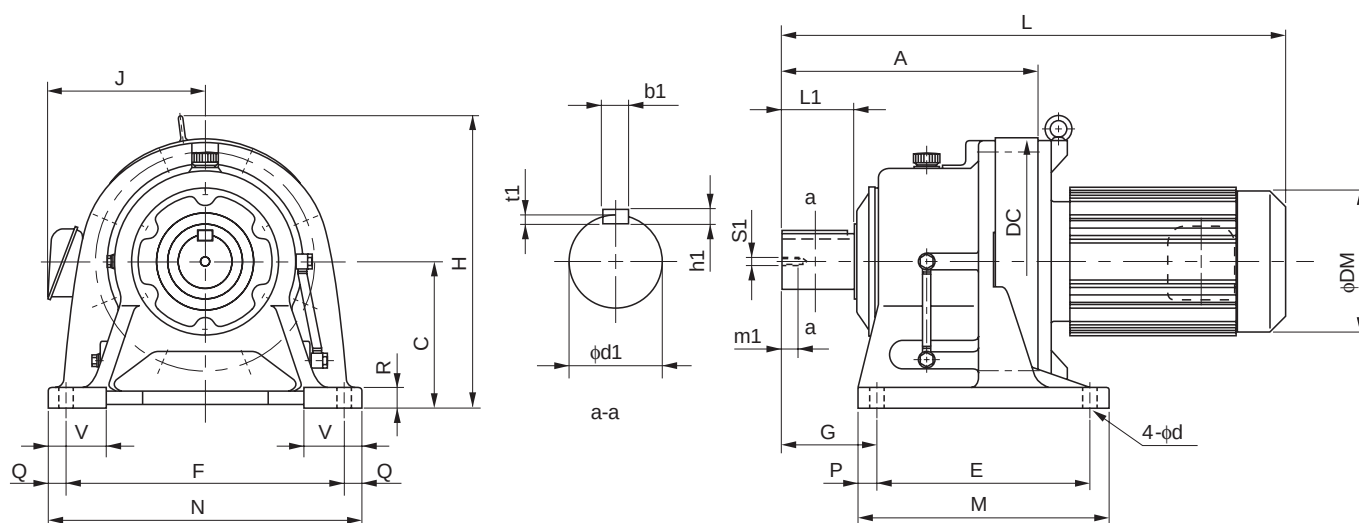
Note: 5. "B" after the frame size indicates models equipped with brake.

6. Dimension of shaft end: Refer to pages F-28 to F-29 for details.

7. Dimensions in above drawings are subject to change without notice.

Dimension Tables Gearmotors (Horizontal Direction, Foot-Mount)

CHHM^{Note 1} - 614H, 616H (Center Height Option)



GEARMOTORS

Dimension Tables
Center Height Option

Frame size	A	C	DC	E	F	G	M	N	P	Q	R	V	d	Output Shaft Note 2, 3, 5						
														d1	L1	b1	h1	t1	S1	m1
614H	260	160	230	145	290	120	195	330	25	20	22	65	18	50	90	14	9	5.5	M10	18
616H	308	200	300	150	370	139	238	410	44	20	25	75	18	60	90	18	11	7	M10	18

Model Note 4	Motor		Standard							With Brake				
	kW	P	L	H	J	DM	W(kg)	L	H	J	DM	W(kg)	L	H
CHHM1 - 614H - (B) - Ratio	0.75	4	497	268	140	148	52	540	268	140	148	57	540	268
CHHM1H - 614H - (B) - Ratio	1.1	4	530	268	145	160	58	592	268	145	160	63	592	268
CHHM2 - 614H - (B) - Ratio	1.5	4	530	268	145	160	58	592	268	145	160	63	592	268
CHHM3 - 614H - (B) - Ratio	2.2	4	550	274	152	173	61	613	274	152	173	68	613	274
CHHM4 - 614H - (B) - Ratio	3.0	4	573	296	168	212	71	645	296	168	212	81	645	296
CHHM5 - 614H - (B) - Ratio	3.7	4	573	296	168	212	71	645	296	168	212	81	645	296
CHHM8 - 614H - (B) - Ratio	5.5	4	617	296	168	212	78	689	296	168	212	88	689	296
CHHM10 - 614H - (B) - Ratio	7.5	4	640	323	213	251	93	735	323	213	251	111	735	323
CHHM15 - 614H - (B) - Ratio	11	4	700	323	213	251	107	795	323	213	251	125	795	323
*CHHM20 - 614H - (B) - Ratio	15	4	790	358	261	324	159	880	321	261	324	193	880	321
CHHM1H - 616H - (B) - Ratio	1.1	4	583	310	145	160	99	645	310	145	160	104	645	310
CHHM2 - 616H - (B) - Ratio	1.5	4	583	310	145	160	99	645	310	145	160	104	645	310
CHHM3 - 616H - (B) - Ratio	2.2	4	598	310	152	173	102	661	310	152	173	108	661	310
CHHM4 - 616H - (B) - Ratio	3.0	4	621	310	168	212	111	693	310	168	212	121	693	310
CHHM5 - 616H - (B) - Ratio	3.7	4	621	310	168	212	111	693	310	168	212	121	693	310
CHHM8 - 616H - (B) - Ratio	5.5	4	665	310	168	212	118	737	310	168	212	128	737	310
CHHM10 - 616H - (B) - Ratio	7.5	4	693	333	213	251	134	788	333	213	251	151	788	333
CHHM15 - 616H - (B) - Ratio	11	4	753	333	213	251	148	848	333	213	251	165	848	333
CHHM20 - 616H - (B) - Ratio	15	4	838	368	261	324	201	928	368	261	324	235	928	368
CHHM25 - 616H - (B) - Ratio	18.5	4	933	368	328	394	277	1098	368	328	394	328	1098	368
CHHM30 - 616H - (B) - Ratio	22	4	933	368	328	394	277	1098	368	328	394	328	1098	368

"**" indicates models with bottom level of the motor lower than the reducer base.

Note: 4. "B" after the frame size indicates models equipped with brake.

5. Dimension of shaft end: Refer to pages F-28 to F-29 for details.

6. Dimensions in above drawings are subject to change without notice.