

1. How to Select
Standard Specifications
Model Selection
Selection of Load Factor
Nomenclature
2. Selection Tables
3. Dimension Tables

SUMITOMO

CYCLO® SPEED REDUCER GEAR BOX ONLY WITHOUT MOTOR

C CYCLO® SPEED REDUCER

1. How to Select

Sumitomo Drive Technologies
»» Building Tomorrow Together

CYCLO DRIVE GEAR REDUCER
CNH / CHH / CNV / CVV CYCLO 6000
CYCLO SPEED REDUCER GEAR PORTION

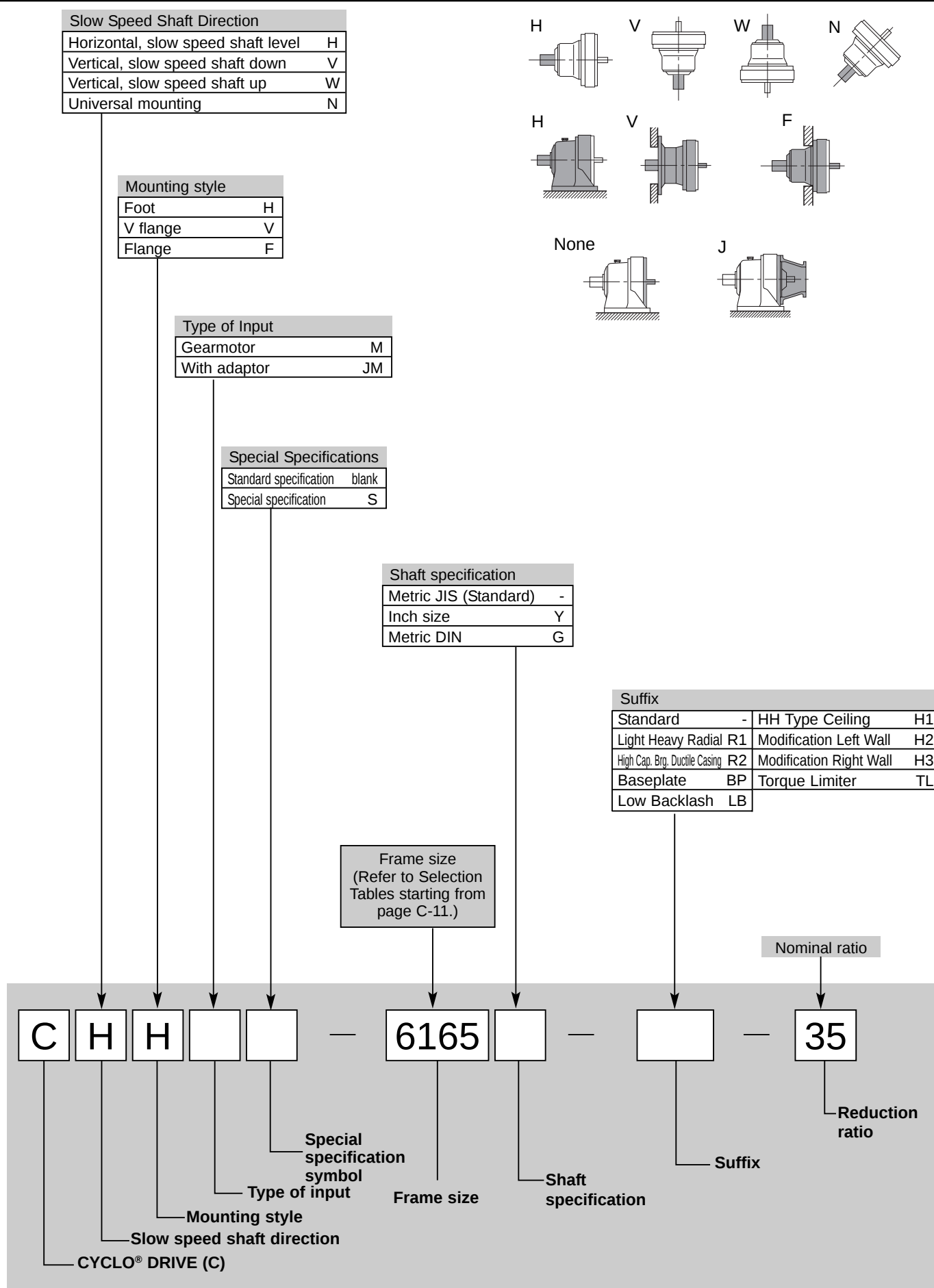
Sumitomo Drive Technologies
CYCLO 6000

GEAR HEAD ONLY

Sumitomo Drive Technologies

victorysystem@gmail.com
www.victorysystem.co.th
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LET'S SUMITOMO GEAR MOTOR

Nomenclature



Nomenclature and Product Examples

Nomenclature Examples(Speed Reducer)

Example 1.

CNH - 6115 - 29

C:	Model	- CYCLO® DRIVE
N:	Slow speed shaft direction	- Universal direction
H:	Mounting style	- Foot
6115:	Frame size	- 6115
29:	Reduction ratio	- 29

Example 2.

CVV - 6195DA - 377

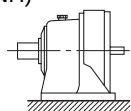
C:	Model	- CYCLO® DRIVE
V:	Slow speed shaft direction	- Vertical mounting
V:	Mounting style	- V flange
6195DA:	Frame size	- 6195DA
377:	Reduction ratio	- 377

Product and Nomenclature Symbol Examples (Speed Reducer)

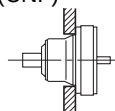
Standard and various application products of CYCLOR SPEED REDUCER are classified by their nomenclature symbol as below. Refer to specific catalogs or consult us for details on our application products.

CYCLO® SPEED REDUCERS

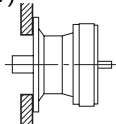
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(CNH)



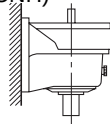
CHF
(CNF)



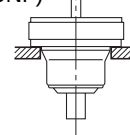
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(CNV)



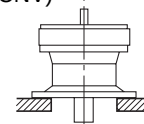
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(CNH)



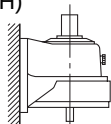
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(CNF)



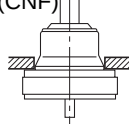
CVV
(CNV)



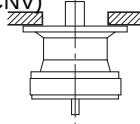
CWH
(CNH)



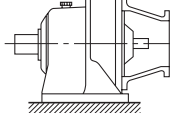
CWF
(CNF)



CWV
(CNV)

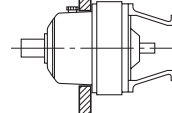


CHHJ



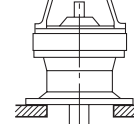
With Adaptor

CHFJ



With Adaptor

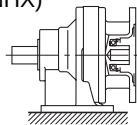
CVVJ



With Adaptor

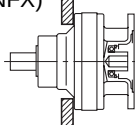
CYCLO® SPEED REDUCERS Application Products

CHHX
(CNHX)



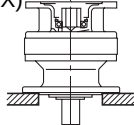
Input Side Hollow Shaft

CHFX
(CNFX)



Input Side Hollow Shaft

CVVX
(CNVX)



Input Side Hollow Shaft

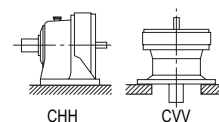
C CYCLO® SPEED REDUCERS

2. Selection Tables

Selection Tables 6000SK Series Reducer

Nominal Reduction Ratio 2.5 ~ 10 Frame Size: 6070SK ~ 6115SK

Input Speed	$n_1 = 50$ 580 r/min	n_1 : Input Speed [r/min]	T_{out} : Allowable output torque [N·m, kgf·m]
		n_2 : Output Speed [r/min]	Pro: Allowable output shaft radial load [N, kgf]
		P : Allowable input power [kW]	*Consult us for Pro of CNF and CHF type.



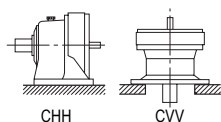
Frame Size	n_1 [r/min]	50							580							Dim. Page
	n_2 [r/min]	20.0	16.7	12.5	10.0	8.33	6.25	5.00	232	193	145	116	96.7	72.5	58.0	
	Ratio[Z]	2.5	3	4	5	6	8	10	2.5	3	4	5	6	8	10	
6070SK	P_i [kW]	-	-	-	-	-	-	-	0.507	0.479	0.385	0.388	0.339	0.254	0.195	CHH C-70
	T_{OUT} [N·m]	29.4	30.5	24.1	44.8	46.6	45.8	47.4	19.8	22.5	24.1	30.3	31.8	31.7	30.5	
	T_{OUT} [kgf·m]	2.99	3.10	2.46	4.56	4.75	4.67	4.83	2.02	2.29	2.46	3.09	3.24	3.23	3.11	
	Pro[N]	1770	1770	1770	1770	1770	1770	1770	1490	1550	1730	1770	1770	1770	1770	
	Pro[kgf]	180	180	180	180	180	180	180	152	158	176	180	180	180	180	
6075SK	P_i [kW]	-	-	-	-	-	-	-	0.634	0.599	0.482	0.485	0.424	0.317	0.244	CHH C-70
	T_{OUT} [N·m]	36.7	38.1	30.1	56.0	58.3	57.3	59.3	24.8	28.1	30.1	37.9	39.8	39.7	38.1	
	T_{OUT} [kgf·m]	3.74	3.88	3.07	5.70	5.94	5.84	6.04	2.53	2.87	3.07	3.87	4.05	4.04	3.88	
	Pro[N]	1770	1770	1770	1770	1770	1770	1770	1430	1490	1660	1770	1770	1770	1770	
	Pro[kgf]	180	180	180	180	180	180	180	146	152	169	180	180	180	180	
6080SK	P_i [kW]	-	-	-	-	-	-	-	0.784	0.822	0.895	0.748	0.632	0.495	0.379	CHH C-70
	T_{OUT} [N·m]	41.0	44.5	67.1	73.4	63.8	65.8	72.6	30.7	38.6	56.0	58.5	59.3	61.9	59.2	
	T_{OUT} [kgf·m]	4.17	4.54	6.84	7.49	6.50	6.70	7.40	3.12	3.93	5.71	5.97	6.04	6.31	6.04	
	Pro[N]	2560	2560	2560	2560	2560	2560	2560	1570	1620	1690	1860	1990	2200	2440	
	Pro[kgf]	261	261	261	261	261	261	261	160	165	172	190	203	224	249	
6085SK	P_i [kW]	-	-	-	-	-	-	-	0.981	1.03	1.12	0.879	0.790	0.618	0.473	CHH C-70
	T_{OUT} [N·m]	44.2	55.7	83.9	86.2	79.8	82.2	90.8	38.4	48.3	70.0	68.7	74.2	77.4	74.0	
	T_{OUT} [kgf·m]	4.51	5.67	8.56	8.79	8.14	8.38	9.25	3.91	4.92	7.13	7.00	7.56	7.89	7.55	
	Pro[N]	2560	2560	2560	2560	2560	2560	2560	1490	1530	1560	1770	1840	2060	2320	
	Pro[kgf]	261	261	261	261	261	261	261	152	156	159	180	188	210	236	
6090SK	P_i [kW]	-	-	-	-	-	-	-	1.15	1.11	1.12	1.06	0.883	0.691	0.645	CHH C-70
	T_{OUT} [N·m]	55.4	63.3	84.4	101	98.7	104	121	44.9	52.0	70.2	82.9	82.9	86.5	101	
	T_{OUT} [kgf·m]	5.65	6.46	8.61	10.3	10.1	10.6	12.3	4.58	5.30	7.16	8.45	8.45	8.81	10.3	
	Pro[N]	3340	3340	3340	3340	3340	3340	3340	2800	2900	3160	3340	3340	3340	3340	
	Pro[kgf]	340	340	340	340	340	340	340	285	296	322	340	340	340	340	
6095SK	P_i [kW]	-	-	-	-	-	-	-	1.30	1.25	1.25	1.25	1.05	0.814	0.814	CHH C-70
	T_{OUT} [N·m]	62.6	71.3	95.1	119	117	122	153	50.7	58.5	78.0	97.5	98.6	102	127	
	T_{OUT} [kgf·m]	6.38	7.27	9.70	12.1	12.0	12.5	15.6	5.17	5.97	7.95	9.94	10.0	10.4	13.0	
	Pro[N]	3340	3340	3340	3340	3340	3340	3340	2740	2840	3080	3220	3340	3340	3340	
	Pro[kgf]	340	340	340	340	340	340	340	279	289	314	328	340	340	340	
6100SK	P_i [kW]	-	-	-	-	-	-	-	1.35	1.32	1.29	1.28	1.07	0.848	0.891	CHH C-70
	T_{OUT} [N·m]	66.5	79.7	107	133	119	126	156	52.8	61.9	80.6	99.7	101	106	139	
	T_{OUT} [kgf·m]	6.78	8.12	11.0	13.6	12.2	12.8	15.9	5.38	6.31	8.22	10.2	10.3	10.8	14.2	
	Pro[N]	5400	5400	5400	5400	5400	5400	5400	2720	2810	3060	3200	3370	3710	3890	
	Pro[kgf]	550	550	550	550	550	550	550	277	286	312	326	344	378	397	
6105SK	P_i [kW]	-	-	-	-	-	-	-	1.50	1.55	1.52	1.50	1.26	0.996	0.990	CHH C-70
	T_{OUT} [N·m]	78.2	93.7	126	156	136	127	159	58.7	72.8	94.9	117	118	125	155	
	T_{OUT} [kgf·m]	7.97	9.55	12.9	15.9	13.8	13.0	16.3	5.98	7.42	9.67	11.9	12.1	12.7	15.8	
	Pro[N]	5400	5400	5400	5400	5400	5400	5400	2650	2700	2920	3030	3220	3500	3760	
	Pro[kgf]	550	550	550	550	550	550	550	270	275	298	309	328	357	383	
6110SK	P_i [kW]	-	-	-	-	-	-	-	2.52	2.52	2.50	2.30	2.05	1.58	1.32	CHH C-70
	T_{OUT} [N·m]	98.4	118	157	195	195	197	249	98.4	118	157	180	192	197	207	
	T_{OUT} [kgf·m]	10.0	12.0	16.0	19.9	19.9	20.1	25.4	10.0	12.0	16.0	18.3	19.6	20.1	21.1	
	Pro[N]	7610	7610	7610	7610	7610	7610	7610	3470	3650	3840	4060	4370	4920	5420	
	Pro[kgf]	776	776	776	776	776	776	776	354	372	391	414	445	502	552	
6115SK	P_i [kW]	-	-	-	-	-	-	-	3.15	3.15	3.13	2.88	2.56	1.97	1.65	CHH C-70
	T_{OUT} [N·m]	123	148	196	244	244	247	311	123	148	196	225	241	247	259	
	T_{OUT} [kgf·m]	12.5	15.0	20.0	24.9	24.9	25.2	31.7	12.5	15.0	20.0	22.9	24.5	25.2	26.4	
	Pro[N]	7610	7610	7610	7610	7610	7610	7610	3260	3400	3540	3740	4000	4570	5040	
	Pro[kgf]	776	776	776	776	776	776	776	332	347	361	381	408	466	514	
Frame Size	Ratio[Z]	2.5	3	4	5	6	8	10	2.5	3	4	5	6	8	10	Dim. Page
	n_2 [r/min]	20.0	16.7	12.5	10.0	8.33	6.25	5.00	232	193	145	116	96.7	72.5	58.0	
	n_1 [r/min]	50							580							

Note: 1. Reduction ratio in the selection table is "nominal ratio." Refer to "6000 SK Series (Actual Reduction Ratio)" in page A-4 for actual reduction ratio.

2. Allowable radial load Pro is the value at the midpoint of the output shaft. Refer to pages F-11~12 when radial load is off the midpoint of output shaft and for checking thrust load.

3. Refer to pages F-15~16 for allowable radial load for input shaft.

Selection Tables 6000SK Series Reducer



Nominal Reduction Ratio 2.5 ~ 10 Frame Size: 6070SK ~ 6115SK

n_1 : Input Speed [r/min]	T_{out} : Allowable output torque [N·m, kgf·m]	Input Speed	$n_1 = \frac{720}{870}$ r/min
n_2 : Output Speed [r/min]	Pro: Allowable output shaft radial load [N, kgf]		
P: Allowable input power [kW]	*Consult us for Pro of CNF and CHF type.		

Frame Size	n ₁ [r/min]	720							870							Dim. Page
	n ₂ [r/min]	288	240	180	144	120	90.0	72.0	348	290	218	174	145	109	87.0	
	Ratio[Z]	2.5	3	4	5	6	8	10	2.5	3	4	5	6	8	10	
6070SK	P _i [kW]	0.614	0.581	0.478	0.473	0.414	0.310	0.238	0.723	0.686	0.578	0.563	0.492	0.369	0.284	CHH C-70
	T _{OUT} [N·m]	19.3	22.0	24.1	29.8	31.3	31.2	30.0	18.9	21.5	24.1	29.3	30.8	30.8	29.6	
	T _{OUT} [kgf·m]	1.97	2.24	2.46	3.04	3.19	3.18	3.06	1.92	2.19	2.46	2.99	3.14	3.14	3.02	CVW C-81
	Pro[N]	1370	1430	1590	1730	1770	1770	1770	1290	1330	1470	1600	1700	1770	1770	
	Pro[kgf]	140	146	162	176	180	180	180	131	136	150	163	173	180	180	
6075SK	P _i [kW]	0.767	0.726	0.598	0.591	0.517	0.387	0.298	0.904	0.857	0.723	0.703	0.615	0.461	0.355	CHH C-70
	T _{OUT} [N·m]	24.2	27.5	30.1	37.3	39.1	39.0	37.5	23.6	26.8	30.1	36.7	38.5	38.5	37.0	
	T _{OUT} [kgf·m]	2.46	2.80	3.07	3.80	3.98	3.98	3.82	2.40	2.73	3.07	3.74	3.92	3.92	3.77	CVW C-81
	Pro[N]	1320	1370	1520	1650	1750	1770	1770	1230	1290	1410	1530	1620	1770	1770	
	Pro[kgf]	135	140	155	168	178	180	180	125	131	144	156	165	180	180	
6080SK	P _i [kW]	0.935	0.981	1.03	0.912	0.771	0.604	0.463	1.09	1.14	1.17	1.08	0.917	0.719	0.551	CHH C-70
	T _{OUT} [N·m]	29.5	37.1	52.1	57.5	58.3	60.9	58.3	28.4	35.8	48.9	56.6	57.4	60.0	57.4	
	T _{OUT} [kgf·m]	3.00	3.78	5.31	5.86	5.94	6.20	5.94	2.90	3.65	4.98	5.76	5.85	6.11	5.85	CVW C-81
	Pro[N]	1450	1500	1570	1710	1810	2010	2250	1350	1390	1470	1580	1690	1860	2080	
	Pro[kgf]	148	153	160	174	185	205	229	138	142	150	161	172	190	212	
6085SK	P _i [kW]	1.17	1.23	1.29	1.07	0.964	0.755	0.578	1.36	1.43	1.47	1.27	1.15	0.899	0.688	CHH C-70
	T _{OUT} [N·m]	36.9	46.4	65.1	67.5	72.9	76.1	72.9	35.6	44.7	61.1	66.4	71.8	75.0	71.8	
	T _{OUT} [kgf·m]	3.76	4.73	6.64	6.88	7.43	7.76	7.43	3.62	4.56	6.23	6.77	7.32	7.64	7.32	CVW C-81
	Pro[N]	1380	1410	1450	1610	1690	1880	2120	1290	1310	1360	1490	1550	1740	1960	
	Pro[kgf]	141	144	148	164	172	192	216	131	134	139	152	158	177	200	
6090SK	P _i [kW]	1.38	1.33	1.33	1.27	1.07	0.834	0.778	1.61	1.56	1.56	1.49	1.25	0.980	0.915	CHH C-70
	T _{OUT} [N·m]	43.4	50.3	67.1	80.3	80.6	84.0	98.0	42.0	48.8	65.0	77.8	78.4	81.8	95.4	
	T _{OUT} [kgf·m]	4.42	5.13	6.84	8.18	8.22	8.57	10.0	4.28	4.97	6.63	7.93	7.99	8.34	9.73	CVW C-81
	Pro[N]	2580	2680	2920	3090	3260	3340	3340	2410	2500	2730	2870	3030	3340	3340	
	Pro[kgf]	263	273	298	315	332	340	340	246	255	278	293	309	340	340	
6095SK	P _i [kW]	1.56	1.50	1.50	1.50	1.27	0.983	0.983	1.82	1.76	1.76	1.76	1.49	1.16	1.16	CHH C-70
	T _{OUT} [N·m]	49.0	56.7	75.6	94.5	95.9	99.1	124	47.4	54.9	73.2	91.5	93.3	96.4	121	
	T _{OUT} [kgf·m]	4.99	5.78	7.70	9.63	9.77	10.1	12.6	4.83	5.60	7.46	9.33	9.51	9.83	12.3	CVW C-81
	Pro[N]	2520	2620	2840	2960	3120	3340	3340	2350	2440	2650	2750	2900	3200	3340	
	Pro[kgf]	257	267	290	302	318	340	340	240	249	270	280	296	326	340	
6100SK	P _i [kW]	1.68	1.64	1.60	1.58	1.33	1.05	1.11	1.91	1.98	1.93	1.91	1.61	1.27	1.34	CHH C-70
	T _{OUT} [N·m]	52.8	61.9	80.6	99.7	101	106	139	49.9	61.9	80.6	99.7	101	106	139	
	T _{OUT} [kgf·m]	5.38	6.31	8.22	10.2	10.3	10.8	14.2	5.09	6.31	8.22	10.2	10.3	10.8	14.2	CVW C-81
	Pro[N]	2480	2560	2800	2910	3080	3360	3540	2330	2370	2570	2680	2840	3090	3240	
	Pro[kgf]	253	261	285	297	314	343	361	238	242	262	273	289	315	330	
6105SK	P _i [kW]	1.86	1.93	1.88	1.86	1.56	1.24	1.23	2.25	2.33	2.27	2.25	1.89	1.49	1.48	CHH C-70
	T _{OUT} [N·m]	58.7	72.8	94.9	117	118	125	155	58.7	72.8	94.9	117	118	125	155	
	T _{OUT} [kgf·m]	5.98	7.42	9.67	11.9	12.1	12.7	15.8	5.98	7.42	9.67	11.9	12.1	12.7	15.8	CVW C-81
	Pro[N]	2420	2450	2650	2750	2910	3170	3390	2240	2260	2430	2510	2680	2880	3100	
	Pro[kgf]	247	250	270	280	297	323	346	228	230	248	256	273	294	316	
6110SK	P _i [kW]	3.12	3.12	3.11	2.75	2.47	1.96	1.61	3.66	3.76	3.75	3.20	2.89	2.37	1.92	CHH C-70
	T _{OUT} [N·m]	98.4	118	157	173	187	197	203	95.5	118	157	167	181	197	200	
	T _{OUT} [kgf·m]	10.0	12.0	16.0	17.7	19.0	20.1	20.7	9.74	12.0	16.0	17.0	18.4	20.1	20.4	CVW C-81
	Pro[N]	3170	3330	3490	3740	4000	4480	4960	2940	3070	3210	3470	3720	4120	4590	
	Pro[kgf]	323	339	356	381	408	457	506	300	313	327	354	379	420	468	
6115SK	P _i [kW]	3.91	3.90	3.88	3.44	3.09	2.45	2.02	4.58	4.70	4.69	4.00	3.61	2.96	2.40	CHH C-70
	T _{OUT} [N·m]	123	148	196	217	233	247	254	119	147	196	209	226	247	250	
	T _{OUT} [kgf·m]	12.5	15.0	20.0	22.1	23.8	25.2	25.9	12.2	15.0	20.0	21.3	23.0	25.2	25.5	CVW C-81
	Pro[N]	2950	3080	3200	3420	3650	4130	4600	2740	2830	2910	3180	3370	3770	4230	
	Pro[kgf]	301	314	326	349	372	421	469	279	288	297	324	344	384	431	
Frame Size	Ratio[Z]	2.5	3	4	5	6	8	10	2.5	3	4	5	6	8	10	Dim. Page
	n ₂ [r/min]	288	240	180	144	120	90.0	72.0	348	290	218	174	145	109	87.0	
	n ₁ [r/min]	720							870							

Note: 1. Reduction ratio in the selection table is "nominal ratio." Refer to "6000 SK Series (Actual Reduction Ratio)" in page A-4 for actual reduction ratio.

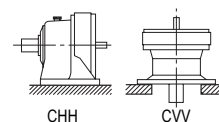
2. Allowable radial load Pro is the value at the midpoint of the output shaft. Refer to pages F-11~12 when radial load is off the midpoint of output shaft and for checking thrust load.

3. Refer to pages F-15~16 for allowable radial load for input shaft.

Selection Tables 6000SK Series Reducer

Nominal Reduction Ratio 2.5 ~ 10 Frame Size: 6070SK ~ 6115SK

Input Speed	$n_1 = \frac{980}{1165}$ r/min	n_1 : Input Speed [r/min]	T_{out} : Allowable output torque [N·m, kgf·m]
		n_2 : Output Speed [r/min]	Pro: Allowable output shaft radial load [N, kgf]
		P : Allowable input power [kW]	*Consult us for Pro of CNF and CHF type.



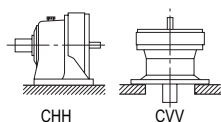
Frame Size	n_1 [r/min]	980							1165							Dim. Page
	n_2 [r/min]	392	327	245	196	163	123	98.0	466	388	291	233	194	146	117	
	Ratio[Z]	2.5	3	4	5	6	8	10	2.5	3	4	5	6	8	10	
6070SK	P_i [kW]	0.801	0.760	0.649	0.627	0.549	0.411	0.317	0.927	0.882	0.763	0.734	0.642	0.482	0.371	CHH C-70 CVW C-81
	T_{out} [N·m]	18.5	21.1	24.0	29.0	30.5	30.5	29.3	18.1	20.6	23.8	28.6	30.0	30.0	28.9	
	T_{out} [kgf·m]	1.89	2.15	2.45	2.96	3.11	3.11	2.99	1.84	2.10	2.42	2.91	3.06	3.06	2.95	
	Pro[N]	1230	1280	1410	1530	1620	1770	1770	1150	1200	1310	1430	1520	1710	1770	
	Pro[kgf]	125	130	144	156	165	180	180	117	122	134	146	155	174	180	
6075SK	P_i [kW]	1.00	0.950	0.811	0.784	0.686	0.514	0.396	1.16	1.10	0.953	0.918	0.803	0.603	0.464	CHH C-70 CVW C-81
	T_{out} [N·m]	23.2	26.4	30.0	36.3	38.1	38.1	36.6	22.6	25.7	29.7	35.7	37.5	37.6	36.1	
	T_{out} [kgf·m]	2.36	2.69	3.06	3.70	3.88	3.88	3.73	2.30	2.62	3.03	3.64	3.82	3.83	3.68	
	Pro[N]	1180	1230	1340	1460	1550	1750	1770	1100	1150	1260	1360	1450	1640	1770	
	Pro[kgf]	120	125	137	149	158	178	180	112	117	128	139	148	167	180	
6080SK	P_i [kW]	1.20	1.26	1.27	1.19	0.997	0.802	0.615	1.38	1.42	1.42	1.34	1.12	0.939	0.720	CHH C-70 CVW C-81
	T_{out} [N·m]	27.9	35.1	47.0	55.3	55.4	59.4	56.9	27.0	33.3	44.4	52.2	52.3	58.5	56.1	
	T_{out} [kgf·m]	2.84	3.57	4.79	5.63	5.65	6.05	5.80	2.75	3.39	4.52	5.32	5.33	5.96	5.72	
	Pro[N]	1290	1330	1410	1500	1620	1780	1980	1220	1260	1330	1420	1520	1660	1850	
	Pro[kgf]	132	136	144	153	165	181	202	124	128	136	145	155	169	189	
6085SK	P_i [kW]	1.51	1.58	1.59	1.40	1.25	1.00	0.768	1.73	1.78	1.78	1.57	1.40	1.17	0.900	CHH C-70 CVW C-81
	T_{out} [N·m]	34.8	43.8	58.8	64.9	69.3	74.2	71.1	33.7	41.6	55.5	61.3	65.4	73.2	70.1	
	T_{out} [kgf·m]	3.55	4.47	5.99	6.61	7.06	7.57	7.25	3.44	4.24	5.65	6.24	6.67	7.46	7.15	
	Pro[N]	1230	1260	1300	1420	1480	1650	1860	1150	1180	1240	1340	1400	1530	1740	
	Pro[kgf]	125	128	133	145	151	168	190	117	120	126	137	143	156	177	
6090SK	P_i [kW]	1.77	1.72	1.72	1.64	1.39	1.08	1.01	2.03	1.97	1.97	1.89	1.60	1.25	1.17	CHH C-70 CVW C-81
	T_{out} [N·m]	41.0	47.7	63.6	76.1	77.0	80.3	93.7	39.5	46.1	61.5	73.6	74.8	78.1	91.1	
	T_{out} [kgf·m]	4.18	4.86	6.48	7.76	7.85	8.19	9.55	4.03	4.70	6.27	7.50	7.62	7.96	9.29	
	Pro[N]	2320	2390	2610	2760	2900	3210	3340	2180	2250	2450	2580	2720	3000	3270	
	Pro[kgf]	236	244	266	281	296	327	340	222	229	250	263	277	306	333	
6095SK	P_i [kW]	2.00	1.93	1.93	1.93	1.65	1.28	1.28	2.29	2.22	2.22	2.22	1.90	1.48	1.48	CHH C-70 CVW C-81
	T_{out} [N·m]	46.3	53.7	71.6	89.6	91.6	94.7	118	44.6	51.9	69.2	86.5	88.9	92.1	115	
	T_{out} [kgf·m]	4.72	5.48	7.30	9.13	9.34	9.65	12.1	4.55	5.29	7.06	8.82	9.07	9.38	11.7	
	Pro[N]	2260	2330	2530	2630	2770	3050	3260	2120	2190	2370	2460	2590	2840	3050	
	Pro[kgf]	230	238	258	268	282	311	332	216	223	242	251	264	290	311	
6100SK	P_i [kW]	2.16	2.23	2.18	2.15	1.81	1.43	1.51	2.56	2.65	2.59	2.56	2.15	1.70	1.71	CHH C-70 CVW C-81
	T_{out} [N·m]	49.9	61.9	80.6	99.7	101	106	139	49.9	61.9	80.6	99.7	101	106	133	
	T_{out} [kgf·m]	5.09	6.31	8.22	10.2	10.3	10.8	14.2	5.09	6.31	8.22	10.2	10.3	10.8	13.6	
	Pro[N]	2220	2260	2440	2530	2690	2920	3060	2070	2090	2260	2340	2480	2700	2870	
	Pro[kgf]	226	230	249	258	274	298	312	211	213	230	239	253	275	293	
6105SK	P_i [kW]	2.53	2.62	2.56	2.53	2.13	1.68	1.67	3.01	3.12	3.05	3.01	2.53	2.00	1.90	CHH C-70 CVW C-81
	T_{out} [N·m]	58.7	72.8	94.9	117	118	125	155	58.7	72.8	94.9	117	118	125	148	
	T_{out} [kgf·m]	5.98	7.42	9.67	11.9	12.1	12.7	15.8	5.98	7.42	9.67	11.9	12.1	12.7	15.1	
	Pro[N]	2130	2140	2300	2370	2530	2730	2920	1970	1980	2120	2180	2320	2490	2740	
	Pro[kgf]	217	218	234	242	258	278	298	201	202	216	222	237	254	279	
6110SK	P_i [kW]	3.97	4.07	4.12	3.50	3.18	2.67	2.14	4.45	4.56	4.62	3.95	3.62	3.13	2.51	CHH C-70 CVW C-81
	T_{out} [N·m]	91.8	113	153	162	176	197	198	86.7	107	144	154	169	195	195	
	T_{out} [kgf·m]	9.36	11.5	15.6	16.5	18.0	20.1	20.2	8.83	10.9	14.7	15.7	17.2	19.9	19.9	
	Pro[N]	2840	2950	3060	3340	3550	3900	4380	2680	2790	2890	3140	3340	3630	4070	
	Pro[kgf]	289	301	312	340	362	398	446	273	284	295	320	340	370	415	
6115SK	P_i [kW]	4.96	5.08	5.15	4.37	3.97	3.34	2.68	5.57	5.70	5.78	4.94	4.53	3.91	3.14	CHH C-70 CVW C-81
	T_{out} [N·m]	115	141	191	202	221	247	248	108	133	180	192	212	244	244	
	T_{out} [kgf·m]	11.7	14.4	19.4	20.6	22.5	25.2	25.3	11.0	13.6	18.4	19.6	21.6	24.8	24.9	
	Pro[N]	2630	2710	2780	3040	3220	3560	4010	2480	2560	2620	2850	3010	3290	3720	
	Pro[kgf]	268	276	283	310	328	363	409	253	261	267	291	307	335	379	
Frame Size	Ratio[Z]	2.5	3	4	5	6	8	10	2.5	3	4	5	6	8	10	Dim. Page
	n_2 [r/min]	392	327	245	196	163	123	98.0	466	388	291	233	194	146	117	
	n_1 [r/min]	980							1165							

Note: 1. Reduction ratio in the selection table is "nominal ratio." Refer to "6000 SK Series (Actual Reduction Ratio)" in page A-4 for actual reduction ratio.

2. Allowable radial load Pro is the value at the midpoint of the output shaft. Refer to pages F-11~12 when radial load is off the midpoint of output shaft and for checking thrust load.

3. Refer to pages F-15~16 for allowable radial load for input shaft.

Selection Tables 6000SK Series Reducer



Nominal Reduction Ratio 2.5 ~ 10 Frame Size: 6070SK ~ 6115SK

n_1 : Input Speed [r/min]	T_{out} : Allowable output torque [N·m, kgf·m]	Input Speed	$n_1 = \frac{1450}{1750}$ r/min
n_2 : Output Speed [r/min]	Pro: Allowable output shaft radial load [N, kgf]		
P: Allowable input power [kW]	*Consult us for Pro of CNF and CHF type.		

Frame Size	n ₁ [r/min]	1450							1750							Dim. Page
	n ₂ [r/min]	580	483	363	290	242	181	145	700	583	438	350	292	219	175	
	Ratio[Z]	2.5	3	4	5	6	8	10	2.5	3	4	5	6	8	10	
6070SK	P _i [kW]	1.11	1.06	0.935	0.886	0.784	0.589	0.454	1.11	1.06	0.935	0.886	0.784	0.589	0.454	CHH C-70
	T _{out} [N·m]	17.4	19.9	23.4	27.7	29.4	29.5	28.4	14.4	16.5	19.4	23.0	24.4	24.4	23.5	
	T _{out} [kgf·m]	1.77	2.03	2.39	2.83	3.00	3.01	2.89	1.47	1.68	1.98	2.34	2.49	2.49	2.40	CVV C-81
	Pro[N]	1070	1110	1210	1320	1390	1570	1730	1020	1060	1170	1280	1340	1510	1650	
	Pro[kgf]	109	113	123	135	142	160	176	104	108	119	130	137	154	168	
6075SK	P _i [kW]	1.39	1.32	1.17	1.11	0.980	0.736	0.567	1.39	1.32	1.17	1.11	0.980	0.736	0.567	CHH C-70
	T _{out} [N·m]	21.7	24.9	29.3	34.7	36.8	36.9	35.5	18.0	20.6	24.3	28.7	30.5	30.5	29.4	
	T _{out} [kgf·m]	2.21	2.53	2.98	3.53	3.75	3.76	3.62	1.83	2.10	2.47	2.93	3.11	3.11	3.00	CVV C-81
	Pro[N]	1020	1060	1150	1260	1320	1500	1660	980	1020	1110	1220	1290	1450	1590	
	Pro[kgf]	104	108	117	128	135	153	169	100	104	113	124	131	148	162	
6080SK	P _i [kW]	1.65	1.65	1.65	1.55	1.30	1.10	0.880	1.65	1.65	1.65	1.55	1.30	1.10	0.880	CHH C-70
	T _{out} [N·m]	25.8	30.9	41.2	48.5	48.6	54.8	55.1	21.3	25.6	34.2	40.2	40.3	45.4	45.6	
	T _{out} [kgf·m]	2.62	3.15	4.20	4.94	4.96	5.59	5.61	2.18	2.61	3.48	4.10	4.11	4.63	4.65	CVV C-81
	Pro[N]	1130	1170	1240	1320	1410	1530	1700	1090	1130	1210	1290	1380	1490	1650	
	Pro[kgf]	115	119	126	135	144	156	173	111	115	123	131	141	152	168	
6085SK	P _i [kW]	2.06	2.06	2.06	1.82	1.62	1.37	1.10	2.06	2.06	2.06	1.82	1.62	1.37	1.10	CHH C-70
	T _{out} [N·m]	32.2	38.7	51.6	56.9	60.8	68.6	68.8	26.7	32.0	42.7	47.2	50.4	56.8	57.0	
	T _{out} [kgf·m]	3.28	3.94	5.26	5.80	6.20	6.99	7.02	2.72	3.27	4.35	4.81	5.14	5.79	5.81	CVV C-81
	Pro[N]	1060	1100	1150	1250	1300	1410	1590	1030	1070	1130	1230	1290	1390	1550	
	Pro[kgf]	108	112	117	127	133	144	162	105	109	115	125	131	142	158	
6090SK	P _i [kW]	2.40	2.34	2.34	2.24	1.91	1.50	1.40	2.40	2.34	2.34	2.24	1.91	1.50	1.40	CHH C-70
	T _{out} [N·m]	37.5	43.9	58.6	70.1	71.7	75.1	87.6	31.1	36.4	48.5	58.1	59.4	62.2	72.6	
	T _{out} [kgf·m]	3.83	4.48	5.97	7.14	7.31	7.65	8.93	3.17	3.71	4.95	5.92	6.06	6.34	7.40	CVV C-81
	Pro[N]	2010	2080	2260	2380	2510	2760	3010	1930	2000	2190	2320	2420	2680	2910	
	Pro[kgf]	205	212	230	243	256	281	307	197	204	223	236	247	273	297	
6095SK	P _i [kW]	2.71	2.64	2.64	2.64	2.27	1.77	1.77	2.71	2.64	2.64	2.64	2.27	1.77	1.77	CHH C-70
	T _{out} [N·m]	42.4	49.5	66.0	82.5	85.3	88.5	111	35.1	41.0	54.7	68.3	70.7	73.4	92	
	T _{out} [kgf·m]	4.32	5.04	6.72	8.41	8.70	9.02	11.3	3.58	4.18	5.57	6.96	7.21	7.48	9.3	CVV C-81
	Pro[N]	1960	2020	2190	2270	2380	2620	2800	1890	1960	2130	2220	2320	2560	2740	
	Pro[kgf]	200	206	223	231	243	267	285	193	200	217	226	237	261	279	
6100SK	P _i [kW]	3.19	3.30	3.22	3.15	2.67	2.12	1.98	3.19	3.30	3.22	3.15	2.67	2.12	1.98	CHH C-70
	T _{out} [N·m]	49.9	61.9	80.6	98.6	100	106	124	41.3	51.3	66.8	81.7	83	88	103	
	T _{out} [kgf·m]	5.09	6.31	8.22	10.0	10.2	10.8	12.6	4.21	5.23	6.81	8.3	8.5	9.0	10.5	CVV C-81
	Pro[N]	1880	1900	2040	2120	2250	2420	2680	1820	1850	2010	2090	2220	2400	2640	
	Pro[kgf]	192	194	208	216	229	247	273	186	189	205	213	226	245	269	
6105SK	P _i [kW]	3.75	3.88	3.79	3.70	3.14	2.49	2.20	3.75	3.88	3.79	3.70	3.14	2.49	2.20	CHH C-70
	T _{out} [N·m]	58.7	72.8	94.9	116	118	125	138	48.6	60.4	78.6	96	98	103	114	
	T _{out} [kgf·m]	5.98	7.42	9.67	11.8	12.0	12.7	14.0	4.95	6.15	8.01	9.8	9.9	10.5	11.6	CVV C-81
	Pro[N]	1800	1800	1900	1960	2090	2230	2550	1750	1770	1890	1960	2080	2240	2530	
	Pro[kgf]	183	183	194	200	213	227	260	178	180	193	200	212	228	258	
6110SK	P _i [kW]	5.15	5.28	5.35	4.61	4.22	3.70	3.06	5.15	5.28	5.35	4.61	4.22	3.70	3.06	CHH C-70
	T _{out} [N·m]	80.6	99.1	134	144	158	185	191	66.8	82.1	111	120	131	153	159	
	T _{out} [kgf·m]	8.21	10.1	13.6	14.7	16.1	18.9	19.5	6.80	8.4	11.3	12.2	13.4	15.6	16.2	CVV C-81
	Pro[N]	2480	2590	2690	2900	3090	3350	3710	2410	2520	2640	2840	3030	3290	3640	
	Pro[kgf]	253	264	274	296	315	341	378	246	257	269	290	309	335	371	
6115SK	P _i [kW]	6.44	6.60	6.69	5.77	5.28	4.63	3.83	6.44	6.60	6.69	5.77	5.28	4.63	3.83	CHH C-70
	T _{out} [N·m]	101	124	167	180	198	232	239	83	103	139	150	164	192	198	
	T _{out} [kgf·m]	10.3	12.6	17.1	18.4	20.2	23.6	24.4	8.5	10.5	14.1	15.2	16.7	19.6	20.2	CVV C-81
	Pro[N]	2310	2380	2430	2650	2800	3010	3360	2270	2340	2420	2630	2790	3010	3360	
	Pro[kgf]	235	243	248	270	285	307	343	231	239	247	268	284	307	342	
Frame Size	Ratio[Z]	2.5	3	4	5	6	8	10	2.5	3	4	5	6	8	10	Dim. Page
	n ₂ [r/min]	580	483	363	290	242	181	145	700	583	438	350	292	219	175	
	n ₁ [r/min]	1450							1750							

Note: 1. Reduction ratio in the selection table is "nominal ratio." Refer to "6000 SK Series (Actual Reduction Ratio)" in page A-4 for actual reduction ratio.

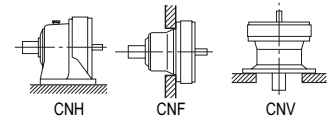
2. Allowable radial load Pro is the value at the midpoint of the output shaft. Refer to pages F-11~12 when radial load is off the midpoint of output shaft and for checking thrust load.

3. Refer to pages F-15~16 for allowable radial load for input shaft.

Selection Tables 6000 Series Reducer

Single Reduction Ratio 6 ~ 119 Frame Size: 6060 ~ 6120

Input Speed	$n_1 = 50$ r/min	n_1 : Input Speed [r/min]										T_{out} : Allowable output torque [N·m, kgf·m]									
		n_2 : Output Speed [r/min]										Pro: Allowable output shaft radial load [N, kgf]									
		P : Allowable input power [kW]										*Consult us for Pro of CNF and CHF type.									

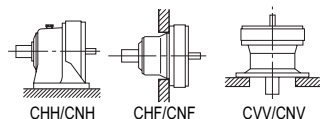


Frame Size	n_2 [r/min]	8.33	6.25	4.55	3.85	3.33	2.94	2.38	2.00	1.72	1.43	1.16	0.980	0.847	0.704	0.575	0.420	Dim. Page
	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	
6060	P_i [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CNH C-71
	T_{out} [N·m]	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	-	-	-	-	-	CNF C-76
	T_{out} [kgf·m]	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	-	-	-	-	-	CNV C-82
	Pro [N]	969	1010	1180	1180	1180	1180	1180	1180	1180	1180	1180	-	-	-	-	-	
	Pro [kgf]	98.8	103	120	120	120	120	120	120	120	120	120	-	-	-	-	-	
6065	P_i [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CNH C-71
	T_{out} [N·m]	25.0	27.1	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	-	-	-	-	-	CNF C-76
	T_{out} [kgf·m]	2.55	2.76	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	-	-	-	-	-	CNV C-82
	Pro [N]	958	974	1140	1180	1180	1180	1180	1180	1180	1180	1180	-	-	-	-	-	
	Pro [kgf]	97.7	99	116	120	120	120	120	120	120	120	120	-	-	-	-	-	
6070	P_i [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CNH C-71
	T_{out} [N·m]	29.7	43.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45	45	-	-	-	CNF C-76
	T_{out} [kgf·m]	3.03	4.45	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	5	5	-	-	-	CNV C-82
	Pro [N]	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770	1750	1770	-	-	-	
	Pro [kgf]	180.0	180	180	180	180	180	180	180	180	180	180	178	180	-	-	-	
6075	P_i [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CNH C-71
	T_{out} [N·m]	29.7	43.7	50.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	57	57	-	-	-	CNF C-76
	T_{out} [kgf·m]	3.03	4.45	5.18	6.12	6.12	6.12	6.12	6.12	6.12	6.12	6.12	6	6	-	-	-	CNV C-82
	Pro [N]	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770	1660	1580	1580	-	-	-	
	Pro [kgf]	180.0	180	180	180	180	180	180	180	180	180	169	161	161	-	-	-	
6080	P_i [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CNH C-71
	T_{out} [N·m]	78.5	80.0	80.0	80.0	80.0	80.0	77.2	80.0	80.0	80.0	80.0	80	80	80	80	-	CNF C-76
	T_{out} [kgf·m]	8.00	8.15	8.15	8.15	8.15	8.15	7.87	8.15	8.15	8.15	8.15	8	8	8	8	-	CNV C-82
	Pro [N]	2560	2560	2560	2560	2560	2560	2560	2560	2500	2560	2540	2480	2510	2460	2450	-	
	Pro [kgf]	261.0	261	261	261	261	261	261	261	255	261	259	253	256	251	250	-	
6085	P_i [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CNH C-71
	T_{out} [N·m]	78.5	99.2	100.0	100.0	100.0	100.0	77.2	100.0	100.0	100.0	100.0	100	100	100	100	-	CNF C-76
	T_{out} [kgf·m]	8.00	10.10	10.20	10.20	10.20	10.20	7.87	10.20	10.20	10.20	10.20	10	10	10	10	-	CNV C-82
	Pro [N]	2560	2560	2560	2560	2560	2560	2560	2360	2300	2420	2340	2290	2310	2260	2260	-	
	Pro [kgf]	261.0	261	261	261	261	261	261	241	234	247	239	233	235	230	230	-	
6090	P_i [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CNH C-71
	T_{out} [N·m]	142.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	149	146	132	150	108	CNF C-76
	T_{out} [kgf·m]	14.50	15.30	15.30	15.30	15.30	15.30	15.30	15.30	15.30	15.30	15.30	15	15	14	15	11	CNV C-82
	Pro [N]	3340	3340	3340	3340	3340	3340	3340	3280	3290	3300	3310	3280	3300	3310	3310	3310	
	Pro [kgf]	340.0	340	340	340	340	340	340	334	335	336	337	334	336	337	337	337	
6095	P_i [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CNH C-71
	T_{out} [N·m]	170.0	168.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	153	146	132	195	108	CNF C-76
	T_{out} [kgf·m]	17.30	17.10	20.40	20.40	20.40	20.40	20.40	20.40	20.40	20.40	20.40	16	15	14	20	11	CNV C-82
	Pro [N]	3340	3340	3340	3340	3340	3340	3340	3180	3200	3200	3220	3280	3300	3310	3230	3310	
	Pro [kgf]	340.0	340	340	340	340	340	340	324	326	326	328	334	336	337	329	337	
6100	P_i [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CNH C-71
	T_{out} [N·m]	171.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250	250	250	250	250	CNF C-76
	T_{out} [kgf·m]	17.40	25.50	25.50	25.50	25.50	25.50	25.50	25.50	25.50	25.50	25.50	26	26	26	26	26	CNV C-82
	Pro [N]	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5380	5400	5360	
	Pro [kgf]	550.0	550	550	550	550	550	550	550	550	550	550	550	550	548	550	546	
6105	P_i [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CNH C-71
	T_{out} [N·m]	171.0	276.0	308.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	297	296	264	300	258	CNF C-76
	T_{out} [kgf·m]	17.40	28.10	31.40	30.60	30.60	30.60	30.60	30.60	30.60	30.60	30.60	30	30	27	31	26	CNV C-82
	Pro [N]	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5310	5090	5370	4780	5350	
	Pro [kgf]	550.0	550	550	550	550	550	550	550	550	550	550	541	519	547	487	545	
6110	P_i [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CNH C-71
	T_{out} [N·m]	193.0	360.0	360.0	360.0	360.0	360.0	360.0	360.0	360.0	360.0	360.0	360	360	360	360	-	CNF C-76
	T_{out} [kgf·m]	19.70	36.70	36.70	36.70	36.70	36.70	36.70	36.70	36.70	36.70	36.70	37	37	37	37	-	CNV C-82
	Pro [N]	7610	7610	7610	7610	7610	7610	7610	7340	7200	7280	7590	7590	7610	7580	7600	-	
	Pro [kgf]	776.0	776	776	776	776	776	776	748	734	742	774	774	776	773	775	-	
6115	P_i [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CNH C-71
	T_{out} [N·m]	193.0	406.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420.0	420	420	420	420	-	CNF C-76
	T_{out} [kgf·m]	19.70	41.40	42.80	42.80	42.80	42.80	42.80	42.80	42.80	42.80	42.80	43	43	43	43	-	CNV C-82
	Pro [N]	7610	7610	7610	7600	7610	7500	7460	7150	7010	7090	7370	7410	7430	7390	7410	-	
	Pro [kgf]	776.0	776	776	775	776	765	760	729	715	723	751	755	757	753	755	-	
6120	P_i [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CNH C-71
	T_{out} [N·m]	366	525	525	525	525	520	522	525	520	525	525	525	525	525	525	-	CNF C-76
	T_{out} [kgf·m]	37.3	53.5	53.5	53.5	53.5	53.0	53.2	53.5	53.0	53.5	53.5	53.5	53.5	53.5	53.5	-	CNV C-82
	Pro [N]	9810	9810	9810	9810	9810	9810	9810	9810	9810	9810	9810	9810	9810	9810	9780	-	
	Pro [kgf]	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	997	-	
Frame Size	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	Dim. Page
	n_2 [r/min]	8.33	6.25	4.55	3.85	3.33	2.94	2.38	2.00	1.72	1.43	1.16	0.980	0.847	0.704	0.575	0.420	

Note: 1. Allowable radial load Pro is the value at the midpoint of the output shaft. Refer to pages F-11~12 when radial

Selection Tables 6000 Series Reducer

Single Reduction Ratio 6 ~ 119 Frame Size: 6125 ~ 6195



n_1 : Input Speed [r/min] T_{out} : Allowable output torque [N·m, kgf·m]
 n_2 : Output Speed [r/min] Pro: Allowable output shaft radial load [N, kgf]
 P : Allowable input power [kW] *Consult us for Pro of CNF and CHF type.

Input Speed $n_1 = 50$ r/min

Frame Size	n_2 [r/min] Ratio[Z]	8.33	6.25	4.55	3.85	3.33	2.94	2.38	2.00	1.72	1.43	1.16	0.980	0.847	0.704	0.575	0.420	Dim. Page
		6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	
6125	P [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CNH C-71
	T_{out} [N·m]	366	574	622	630	630	630	630	630	630	630	630	630	630	592	630	-	CNF C-76
	T_{out} [kgf·m]	37.3	58.5	63.4	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	60.3	64.2	-	CNV C-82
	Pro [N]	9810	9810	9810	9810	9810	9810	9810	9810	9810	9810	9810	9810	9810	9810	9560	-	
	Pro [kgf]	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	975	-	
6130	P [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CHH C-72
	T_{out} [N·m]	555	744	780	780	780	780	780	780	780	780	780	928	912	902	848	-	CHF C-77
	T_{out} [kgf·m]	56.6	75.8	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	94.6	93.0	91.9	86.4	-	CVV C-83
	Pro [N]	14700	14700	14700	14700	14700	14700	14700	14700	14700	14700	14700	14700	14700	14700	14700	-	
	Pro [kgf]	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	-	
6135	P [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CHH C-72
	T_{out} [N·m]	607	764	940	940	940	940	940	900	940	940	940	967	1050	1040	979	-	CHF C-77
	T_{out} [kgf·m]	61.9	77.9	95.8	95.8	95.8	95.8	95.8	91.7	95.8	95.8	95.8	98.6	107	106	99.8	-	CVV C-83
	Pro [N]	14700	14700	14700	14700	14700	14700	14700	14700	14700	14700	14700	14700	14700	14700	14700	-	
	Pro [kgf]	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	-	
6140	P [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CHH C-72
	T_{out} [N·m]	717	1150	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	-	CHF C-77
	T_{out} [kgf·m]	73.1	117	125	125	125	125	125	125	125	125	125	125	125	125	125	-	CVV C-83
	Pro [N]	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	-	
	Pro [kgf]	1630	1630	1630	1630	1630	1630	1630	1630	1630	1630	1630	1630	1630	1630	1630	-	
6145	P [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CHH C-72
	T_{out} [N·m]	717	1150	1290	1370	1360	1370	1340	1370	1370	1370	1370	1370	1370	1320	1250	-	CHF C-77
	T_{out} [kgf·m]	73.1	117	131	140	139	140	137	140	140	140	140	140	140	135	127	-	CVV C-83
	Pro [N]	16000	16000	16000	15900	16000	16000	16000	16000	15800	16000	15700	15700	16000	16000	16000	-	
	Pro [kgf]	1630	1630	1630	1620	1630	1630	1630	1630	1610	1630	1600	1600	1630	1630	1630	-	
6160	P [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CHH C-72
	T_{out} [N·m]	1320	1760	1760	1760	1760	1760	1760	1760	1760	1760	1740	1760	1760	1760	1760	-	CHF C-77
	T_{out} [kgf·m]	135	179	179	179	179	179	179	179	179	179	177	179	179	179	179	-	CVV C-84
	Pro [N]	22100	22100	22100	22100	22100	22100	22100	22100	22100	22100	22100	22100	22100	22100	22100	-	
	Pro [kgf]	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	-	
6165	P [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CHH C-72
	T_{out} [N·m]	1320	1870	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2050	-	CHF C-77
	T_{out} [kgf·m]	135	191	214	214	214	214	214	214	214	214	214	214	214	214	209	-	CVV C-84
	Pro [N]	22100	22100	22100	22100	22100	22100	22100	22100	22100	22100	22100	22100	22100	22100	21800	-	
	Pro [kgf]	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2220	-	
6170	P [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CHH C-72
	T_{out} [N·m]	1860	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	-	CHF C-77
	T_{out} [kgf·m]	190	258	258	258	258	258	258	258	258	258	258	258	258	258	258	-	CVV C-84
	Pro [N]	29500	29500	29500	29500	29500	29500	29500	29500	29500	29500	29500	29500	29500	29500	29500	-	
	Pro [kgf]	3010	3010	3010	3010	3010	3010	3010	3010	3010	3010	3010	3010	3010	3010	3010	-	
6175	P [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CHH C-72
	T_{out} [N·m]	1860	2600	3150	3150	3150	3150	3150	3150	3150	3150	3150	3150	3150	3150	3150	-	CHF C-77
	T_{out} [kgf·m]	190	265	321	321	321	321	321	321	321	321	321	321	321	321	321	-	CVV C-84
	Pro [N]	29500	29500	29500	29500	29500	29500	29500	29500	29500	29500	29500	29500	29500	29500	29500	-	
	Pro [kgf]	3010	3010	3010	3010	3010	3010	3010	3010	3010	3010	3010	3010	3010	3010	3010	-	
6180	P [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CHH C-72
	T_{out} [N·m]	-	-	4060	4060	4060	4060	4050	4050	4050	4050	4060	4050	4050	4050	4060	-	CHF C-77
	T_{out} [kgf·m]	-	-	414	414	414	414	413	413	413	413	414	413	413	413	414	-	CVV C-84
	Pro [N]	-	-	41700	41700	41700	41700	41700	41700	41700	41700	41700	41700	41700	41700	41700	-	
	Pro [kgf]	-	-	4250	4250	4250	4250	4250	4250	4250	4250	4250	4250	4250	4250	4250	-	
6185	P [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CHH C-72
	T_{out} [N·m]	-	-	4810	4900	4920	5000	5000	5000	5000	5000	5000	5000	5000	4510	5000	-	CHF C-77
	T_{out} [kgf·m]	-	-	490	499	502	510	510	510	510	510	510	510	510	460	510	-	CVV C-84
	Pro [N]	-	-	41700	41700	41700	41700	41700	41700	41700	41700	41700	41700	41600	41700	41700	-	
	Pro [kgf]	-	-	4250	4250	4250	4250	4250	4250	4250	4250	4250	4250	4240	4250	4250	-	
6190	P [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CHH C-72
	T_{out} [N·m]	-	-	6380	6380	6380	6380	6380	6380	6380	6380	6380	6380	6380	6380	6380	-	CHF C-77
	T_{out} [kgf·m]	-	-	650	650	650	650	650	650	650	650	650	650	650	650	650	-	CVV C-84
	Pro [N]	-	-	59000	58700	58900	59000	59000	59000	59000	59000	59000	58700	58600	58400	58900	-	
	Pro [kgf]	-	-	6010	5980	6000	6010	6010	6010	6010	6010	6010	5980	5970	5950	6000	-	
6195	P [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CHH C-72
	T_{out} [N·m]	-	-	7580	7630	7910	7960	7960	7960	7960	7960	7960	7960	7960	7960	7960	-	CHF C-77
	T_{out} [kgf·m]	-	-	773	778	806	811	811	811	811	811	811	811	811	811	811	-	CVV C-84
	Pro [N]	-	-	59000	58200	58300	59000	59000	59000	59000	58600	59000	58200	58100	58000	58400	-	
	Pro [kgf]	-	-	6010	5930	5940	6010	6010	6010	6010	5970	6010	5930	5920	5910	5950	-	
Frame Size	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	Dim. Page
	n_2 [r/min]	8.33	6.25	4.55	3.85	3.33	2.94	2.38	2.00	1.72	1.43	1.16	0.980	0.847	0.704	0.575	0.420	

Note: 1. Allowable radial load Pro is the value at the midpoint of the output shaft. Refer to pages F-11~12 when radial load is off the midpoint of output shaft and for checking thrust load.

2. Refer to pages F-15~16 for allowable radial load for input shaft.

Selection Tables

Ratio 6 - 119

REDUCERS

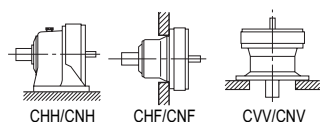
C-18 Reducers / Selection Tables

Note: 1. Allowable radial load Pro is the value at the midpoint of the output shaft. Refer to pages F-11~12 when radial load is off the midpoint of output shaft and for checking thrust load.

C-20 Reducers / Selection Tables

Selection Tables 6000 Series Reducer

Single Reduction Ratio 6 ~ 119 Frame Size: 6125 ~ 6195



n_1 : Input Speed [r/min] T_{out} : Allowable output torque [N·m, kgf·m]
 n_2 : Output Speed [r/min] Pro: Allowable output shaft radial load [N, kgf]
 P : Allowable input power [kW] *Consult us for Pro of CNF and CHF type.

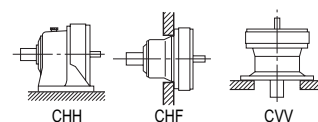
Input Speed $n_1 = 580$ r/min

Frame Size	n ₂ [r/min]	96.7	72.5	52.7	44.6	38.7	34.1	27.6	23.2	20.0	16.6	13.5	11.4	9.83	8.17	6.67	4.87	Dim. Page
	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	
6125	P _i [kW]	3.90	4.00	3.47	3.10	2.69	2.37	1.92	1.61	1.39	1.15	0.937	0.790	0.683	0.533	0.463	-	CNH C-71 CNF C-76 CNV C-82
	T _{OUT} [N·m]	366	501	596	630	630	630	630	630	630	630	630	630	630	592	630	-	
	T _{OUT} [kgf·m]	37.3	51.1	60.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	60.3	64.2	-	
	Pro[N]	6880	7620	8670	8980	9710	9810	9810	9810	9810	9810	9810	9810	9810	9810	9560	-	
	Pro[kgf]	701	777	884	915	990	1000	1000	1000	1000	1000	1000	1000	1000	1000	975	-	
6130	P _i [kW]	5.91	5.94	4.53	3.84	3.32	2.93	2.37	1.99	1.72	1.42	1.16	1.16	0.988	0.813	0.623	-	CHH C-72 CHF C-77 CVV C-83
	T _{OUT} [N·m]	555	744	780	780	780	780	780	780	780	780	780	928	912	902	848	-	
	T _{OUT} [kgf·m]	56.6	75.8	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	94.6	93.0	91.9	86.4	-	
	Pro[N]	7930	8800	10200	10700	11000	11800	12700	13300	14000	14700	14700	14700	14700	14700	14700	-	
	Pro[kgf]	808	897	1040	1090	1120	1200	1290	1360	1430	1500	1500	1500	1500	1500	1500	1500	
6135	P _i [kW]	6.47	6.11	5.46	4.62	4.01	3.53	2.86	2.30	2.07	1.72	1.40	1.21	1.14	0.938	0.719	-	CHH C-72 CHF C-77 CVV C-83
	T _{OUT} [N·m]	607	764	940	940	940	940	940	900	940	940	940	967	1050	1040	979	-	
	T _{OUT} [kgf·m]	61.9	77.9	95.8	95.8	95.8	95.8	95.8	91.7	95.8	95.8	95.8	98.6	107	106	99.8	-	
	Pro[N]	7870	8780	10100	10600	10900	11700	12600	13200	13900	14700	14700	14700	14700	14700	14700	-	
	Pro[kgf]	802	895	1030	1080	1110	1190	1280	1350	1420	1500	1500	1500	1500	1500	1500	1500	
6140	P _i [kW]	7.64	7.80	7.12	6.02	5.22	4.61	3.73	3.13	2.70	2.24	1.82	1.54	1.33	1.10	0.900	-	CHH C-72 CHF C-77 CVV C-83
	T _{OUT} [N·m]	717	976	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	-	
	T _{OUT} [kgf·m]	73.1	99.5	125	125	125	125	125	125	125	125	125	125	125	125	125	-	
	Pro[N]	12100	13400	15000	15500	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	-	
	Pro[kgf]	1230	1370	1530	1580	1630	1630	1630	1630	1630	1630	1630	1630	1630	1630	1630	1630	
6145	P _i [kW]	7.64	7.80	7.51	6.74	5.79	5.15	4.07	3.50	3.02	2.50	2.04	1.72	1.48	1.19	0.917	-	CHH C-72 CHF C-77 CVV C-83
	T _{OUT} [N·m]	717	976	1290	1370	1360	1370	1340	1370	1370	1370	1370	1370	1370	1320	1250	-	
	T _{OUT} [kgf·m]	73.1	99.5	131	140	139	140	137	140	140	140	140	140	140	135	127	-	
	Pro[N]	12100	13400	15000	15400	16000	16000	16000	16000	15800	16000	15700	15700	16000	16000	16000	-	
	Pro[kgf]	1230	1370	1530	1570	1630	1630	1630	1630	1610	1630	1600	1600	1630	1630	1630	1630	
6160	P _i [kW]	14.1	14.0	10.2	8.63	7.48	6.60	5.34	4.49	3.87	3.21	2.58	2.20	1.90	1.58	1.29	-	CHH C-72 CHF C-77 CVV C-84
	T _{OUT} [N·m]	1320	1760	1760	1760	1760	1760	1760	1760	1760	1760	1740	1760	1760	1760	1760	-	
	T _{OUT} [kgf·m]	135	179	179	179	179	179	179	179	179	179	177	179	179	179	179	-	
	Pro[N]	13500	15000	17300	18200	19400	20100	21700	22100	22100	22100	22100	22100	22100	22100	22100	-	
	Pro[kgf]	1380	1530	1760	1860	1980	2050	2210	2250	2250	2250	2250	2250	2250	2250	2250	2250	
6165	P _i [kW]	14.1	14.9	12.2	10.3	8.95	7.90	6.39	5.37	4.63	3.84	3.12	2.63	2.28	1.89	1.51	-	CHH C-72 CHF C-77 CVV C-84
	T _{OUT} [N·m]	1320	1870	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2050	-	
	T _{OUT} [kgf·m]	135	191	214	214	214	214	214	214	214	214	214	214	214	214	209	-	
	Pro[N]	13500	14900	17000	18000	19200	19900	21500	22100	22100	22100	22100	22100	22100	22100	21800	-	
	Pro[kgf]	1380	1520	1730	1830	1960	2030	2190	2250	2250	2250	2250	2250	2250	2250	2250	2220	
6170	P _i [kW]	19.8	20.2	14.7	12.4	10.8	9.51	7.70	6.47	5.58	4.62	3.76	3.17	2.74	2.28	1.86	-	CHH C-72 CHF C-77 CVV C-84
	T _{OUT} [N·m]	1860	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	-	
	T _{OUT} [kgf·m]	190	258	258	258	258	258	258	258	258	258	258	258	258	258	258	-	
	Pro[N]	15100	16500	19300	20300	21400	22400	24400	25400	26900	28700	29500	29500	29500	29500	29500	-	
	Pro[kgf]	1540	1680	1970	2070	2180	2280	2490	2590	2740	2930	3010	3010	3010	3010	3010	3010	
6175	P _i [kW]	19.8	20.8	18.3	15.5	13.4	11.8	9.59	8.06	6.94	5.75	4.68	3.95	3.41	2.84	2.31	-	CHH C-72 CHF C-77 CVV C-84
	T _{OUT} [N·m]	1860	2600	3150	3150	3150	3150	3150	3150	3150	3150	3150	3150	3150	3150	3150	-	
	T _{OUT} [kgf·m]	190	265	321	321	321	321	321	321	321	321	321	321	321	321	321	-	
	Pro[N]	15100	16500	18900	19900	21000	22000	24100	25100	26600	28400	29500	29500	29500	29500	29500	-	
	Pro[kgf]	1540	1680	1930	2030	2140	2240	2460	2560	2710	2900	3010	3010	3010	3010	3010	3010	
6180	P _i [kW]	-	-	23.6	20.0	17.3	15.3	12.3	10.4	8.93	7.40	6.03	5.08	4.39	3.65	2.98	-	CHH C-72 CHF C-77 CVV C-84
	T _{OUT} [N·m]	-	-	4060	4060	4060	4060	4050	4050	4050	4050	4060	4050	4050	4050	4060	-	
	T _{OUT} [kgf·m]	-	-	414	414	414	414	413	413	413	413	414	413	413	413	414	-	
	Pro[N]	-	-	25600	26700	28300	30000	32600	34000	35700	38200	41200	41700	41700	41700	41700	-	
	Pro[kgf]	-	-	2610	2720	2880	3060	3320	3470	3640	3890	4200	4250	4250	4250	4250	4250	
6185	P _i [kW]	-	-	27.9	24.1	19.9	18.8	15.2	12.8	11.0	9.13	7.43	6.27	5.42	4.06	3.67	-	CHH C-72 CHF C-77 CVV C-84
	T _{OUT} [N·m]	-	-	4810	4900	4670	5000	5000	5000	5000	5000	5000	5000	5000	4510	5000	-	
	T _{OUT} [kgf·m]	-	-	490	499	476	510	510	510	510	510	510	510	510	460	510	-	
	Pro[N]	-	-	25200	26400	28000	29600	32200	33600	35300	37900	40800	41700	41600	41700	41700	-	
	Pro[kgf]	-	-	2570	2690	2850	3020	3280	3430	3600	3860	4160	4250	4240	4250	4250	4250	
6190	P _i [kW]	-	-	37.1	31.4	27.2	24.0	19.4	16.3	14.1	11.7	9.49	8.00	6.91	5.74	4.69	-	CHH C-72 CHF C-77 CVV C-84
	T _{OUT} [N·m]	-	-	6380	6380	6380	6380	6380	6380	6380	6380	6380	6380	6380	6380	6380	-	
	T _{OUT} [kgf·m]	-	-	650	650	650	650	650	650	650	650	650	650	650	650	650	-	
	Pro[N]	-	-	35500	37100	39100	41500	45100	47400	49900	52900	57200	58700	58600	58400	58900	-	
	Pro[kgf]	-	-	3620	3780	3990	4230	4600	4830	5090	5390	5830	5980	5970	5950	6000	6000	
6195	P _i [kW]	-	-	44.0	36.1	33.2	29.9	24.2	20.4	17.5	14.5	11.8	9.98	8.63	7.17	5.85	-	CHH C-72 CHF C-77 CVV C-84
	T _{OUT} [N·m]	-	-	7570	7350	7800	7960	7960	7960	7960	7960	7960	7960	7960	7960	7960	-	
	T _{OUT} [kgf·m]	-	-	772	749	795	811	811	811	811	811	811	811	811	811	811	-	
	Pro[N]	-	-	35100	36700	38600	41000	44600	46900	49500	52500	56700	58200	58100	58000	58400	-	
	Pro[kgf]	-	-	3580	3740	3930	4180	4550	4780	5050	5350	5780	5930	5920	5910	5950	5950	
Frame Size	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	Dim. Page
	n ₂ [r/min]	96.7	72.5	52.7	44.6	38.7	3											

Selection Tables 6000 Series Reducer

Single Reduction Ratio 6 ~ 119 Frame Size: 6205 ~ 6275

Input Speed	$n_1 = 580$ r/min	n_1 : Input Speed [r/min]		T_{out} : Allowable output torque [N·m, kgf·m]	
		n_2 : Output Speed [r/min]		Pro: Allowable output shaft radial load [N, kgf]	
		P_i : Allowable input power [kW]		*Consult us for Pro of CNF and CHF type.	



Frame Size	n_2 [r/min]	96.7	72.5	52.7	44.6	38.7	34.1	27.6	23.2	20.0	16.6	13.5	11.4	9.83	8.17	6.67	4.87	Dim. Page
	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	
6205	P_i [kW]	-	-	46.8	-	39.5	-	28.2	-	20.3	-	13.8	-	10.1	-	6.43	-	CHH C-72
	T_{out} [N·m]	-	-	8050	-	9270	-	9270	-	9230	-	9300	-	9300	-	8760	-	CHF C-77
	T_{out} [kgf·m]	-	-	821	-	945	-	945	-	941	-	948	-	948	-	893	-	CVV C-84
	Pro [N]	-	-	67300	-	72500	-	81600	-	84100	-	84100	-	84100	-	84100	-	
6215	P_i [kW]	-	-	64.0	-	51.9	-	38.1	-	27.9	-	18.8	-	13.7	-	8.28	-	CHH C-72
	T_{out} [N·m]	-	-	11000	-	12200	-	12500	-	12700	-	12700	-	12700	-	11300	-	CHF C-77
	T_{out} [kgf·m]	-	-	1120	-	1240	-	1270	-	1290	-	1290	-	1290	-	1150	-	CVV C-84
	Pro [N]	-	-	67300	-	72600	-	82500	-	90200	-	102000	-	104000	-	104000	-	
6225	P_i [kW]	-	-	74.7	-	61.7	-	45.1	-	33.2	-	23.8	-	17.2	-	11.1	-	CHH C-72
	T_{out} [N·m]	-	-	12900	-	14500	-	14800	-	15000	-	16000	-	15900	-	15100	-	CHF C-77
	T_{out} [kgf·m]	-	-	1310	-	1480	-	1510	-	1530	-	1630	-	1620	-	1540	-	CVV C-84
	Pro [N]	-	-	71100	-	77100	-	86900	-	95200	-	108000	-	118000	-	133000	-	
6235	P_i [kW]	-	-	99.9	-	83.6	-	57.5	-	41.7	-	30.5	-	22.2	-	12.6	-	CHH C-72
	T_{out} [N·m]	-	-	17200	-	19600	-	18900	-	18900	-	20500	-	20500	-	17200	-	CHF C-77
	T_{out} [kgf·m]	-	-	1750	-	2000	-	1930	-	1930	-	2090	-	2090	-	1750	-	CVV C-84
	Pro [N]	-	-	88800	-	95300	-	108000	-	119000	-	133000	-	146000	-	166000	-	
6245	P_i [kW]	-	-	117	-	112	-	78.5	-	56.9	-	38.4	-	28.0	-	16.6	-	CHH C-72
	T_{out} [N·m]	-	-	20200	-	26200	-	25800	-	25800	-	25800	-	25800	-	22600	-	CHF C-77
	T_{out} [kgf·m]	-	-	2060	-	2670	-	2630	-	2630	-	2630	-	2630	-	2300	-	CVV C-84
	Pro [N]	-	-	98600	-	106000	-	119000	-	131000	-	149000	-	163000	-	185000	-	
6255	P_i [kW]	-	-	151	-	133	-	94.4	-	71.6	-	51.3	-	37.4	-	22.8	-	CHH C-72
	T_{out} [N·m]	-	-	25900	-	31200	-	31000	-	32500	-	34500	-	34500	-	31000	-	CHF C-77
	T_{out} [kgf·m]	-	-	2640	-	3180	-	3160	-	3310	-	3520	-	3520	-	3160	-	CVV C-84
	Pro [N]	-	-	121000	-	130000	-	146000	-	161000	-	182000	-	200000	-	226000	-	
6265	P_i [kW]	-	-	175	-	175	-	140	-	101	-	68.4	-	49.8	-	32.3	-	CHH C-72
	T_{out} [N·m]	-	-	30100	-	41000	-	46000	-	46000	-	46000	-	46000	-	44000	-	CHF C-77
	T_{out} [kgf·m]	-	-	3070	-	4180	-	4690	-	4690	-	4690	-	4690	-	4490	-	CVV C-84
	Pro [N]	-	-	148000	-	158000	-	177000	-	197000	-	222000	-	243000	-	274000	-	
6275	P_i [kW]	-	-	-	-	-	-	-	-	150	-	101	-	73.9	-	50.1	-	CHH C-72
	T_{out} [N·m]	-	-	-	-	-	-	-	-	68200	-	68200	-	68200	-	68200	-	CHF C-77
	T_{out} [kgf·m]	-	-	-	-	-	-	-	-	6950	-	6950	-	6950	-	6950	-	CVV C-84
	Pro [N]	-	-	-	-	-	-	-	-	228000	-	248000	-	248000	-	245000	-	
Frame Size	n_2 [r/min]	96.7	72.5	52.7	44.6	38.7	34.1	27.6	23.2	20.0	16.6	13.5	11.4	9.83	8.17	6.67	4.87	Dim. Page

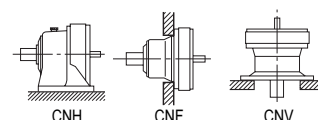
Note: 1. Allowable radial load Pro is the value at the midpoint of the output shaft. Refer to pages F-11~12 when radial load is off the midpoint of output shaft and for checking thrust load.

2. Refer to pages F-15~16 for allowable radial load for input shaft.

Selection Tables 6000 Series Reducer

Single Reduction Ratio 6 ~ 119 Frame Size: 6060 ~ 6120

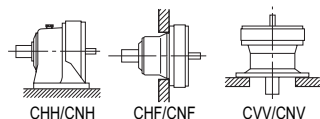
Input Speed	$n_1 = 720$ r/min	n_1 : Input Speed [r/min]										T_{out} : Allowable output torque [N·m, kgf·m]									
		n_2 : Output Speed [r/min]										Pro: Allowable output shaft radial load [N, kgf]									
		P : Allowable input power [kW]										*Consult us for Pro of CNF and CHF type.									



Frame Size	n_2 [r/min]	120	90.0	65.5	55.4	48.0	42.4	34.3	28.8	24.8	20.6	16.7	14.1	12.2	10.1	8.28	6.05	Dim. Page
	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	
6060	P_i [kW]	0.200	0.200	0.173	0.147	0.127	0.112	0.091	0.076	0.066	0.054	0.044	-	-	-	-	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	15.1	20.2	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	-	-	-	-	-	
	T_{out} [kgf·m]	1.54	2.06	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	-	-	-	-	-	
	Pro[N]	999	1050	1180	1180	1180	1180	1180	1180	1180	1180	1180	1180	-	-	-	-	
	Pro[kgf]	102	107	120	120	120	120	120	120	120	120	120	120	-	-	-	-	
6065	P_i [kW]	0.286	0.259	0.216	0.183	0.159	0.140	0.113	0.095	0.082	0.068	0.055	-	-	-	-	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	21.6	26.1	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	-	-	-	-	-	
	T_{out} [kgf·m]	2.20	2.66	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	-	-	-	-	-	
	Pro[N]	987	985	1140	1180	1180	1180	1180	1180	1180	1180	1180	1180	-	-	-	-	
	Pro[kgf]	101	100	116	120	120	120	120	120	120	120	120	120	-	-	-	-	
6070	P_i [kW]	0.347	0.325	0.325	0.275	0.238	0.210	0.170	0.143	0.123	0.102	0.083	0.070	0.061	-	-	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	26.2	32.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	-	-	-	
	T_{out} [kgf·m]	2.67	3.34	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	-	-	-	
	Pro[N]	1710	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770	1750	1770	-	-	
	Pro[kgf]	174	180	180	180	180	180	180	180	180	180	180	180	178	180	-	-	
6075	P_i [kW]	0.376	0.325	0.344	0.322	0.317	0.280	0.227	0.190	0.164	0.136	0.111	0.089	0.077	-	-	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	28.4	32.8	47.7	52.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	56.9	57.4	-	-	-	
	T_{out} [kgf·m]	2.90	3.34	4.86	5.37	6.12	6.12	6.12	6.12	6.12	6.12	6.12	5.80	5.85	-	-	-	
	Pro[N]	1700	1770	1770	1770	1770	1770	1770	1770	1770	1770	1660	1580	1580	-	-	-	
	Pro[kgf]	173	180	180	180	180	180	180	180	180	180	169	161	161	-	-	-	
6080	P_i [kW]	0.592	0.592	0.577	0.488	0.423	0.373	0.292	0.254	0.219	0.181	0.148	0.124	0.108	0.089	0.073	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	44.8	59.7	80.0	80.0	80.0	80.0	77.2	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	-	
	T_{out} [kgf·m]	4.57	6.09	8.15	8.15	8.15	8.15	7.87	8.15	8.15	8.15	8.15	8.15	8.15	8.15	8.15	-	
	Pro[N]	2380	2560	2560	2560	2560	2560	2560	2560	2500	2560	2540	2480	2510	2460	2450	-	
	Pro[kgf]	243	261	261	261	261	261	261	261	255	261	259	253	256	251	250	-	
6085	P_i [kW]	0.778	0.778	0.683	0.610	0.529	0.467	0.292	0.317	0.274	0.227	0.185	0.156	0.135	0.112	0.091	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	58.8	78.4	94.7	100	100	100	77.2	100	100	100	100	100	100	100	100	-	
	T_{out} [kgf·m]	5.99	7.99	9.65	10.2	10.2	10.2	7.87	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	-	
	Pro[N]	2350	2530	2560	2560	2560	2560	2560	2360	2300	2420	2340	2290	2310	2260	2260	-	
	Pro[kgf]	240	258	261	261	261	261	261	241	234	247	239	233	235	230	230	-	
6090	P_i [kW]	1.15	1.15	1.08	0.916	0.794	0.700	0.567	0.476	0.410	0.340	0.277	0.231	0.196	0.148	0.137	0.072	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	86.7	116	150	150	150	150	150	150	150	150	150	149	146	132	150	108	
	T_{out} [kgf·m]	8.84	11.8	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.2	14.9	13.5	15.3	11.0	
	Pro[N]	3340	3340	3340	3340	3340	3340	3340	3280	3290	3300	3310	3280	3300	3310	3310	3310	
	Pro[kgf]	340	340	340	340	340	340	340	340	334	335	336	337	334	336	337	337	
6095	P_i [kW]	1.52	1.52	1.24	1.19	1.06	0.934	0.756	0.588	0.547	0.453	0.369	0.239	0.196	0.148	0.154	0.072	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	115	153	172	196	200	200	200	185	200	200	200	153	146	132	169	108	
	T_{out} [kgf·m]	11.7	15.6	17.5	20.0	20.4	20.4	20.4	18.9	20.4	20.4	20.4	15.6	14.9	13.5	17.2	11.0	
	Pro[N]	3340	3340	3340	3340	3340	3340	3340	3210	3200	3200	3220	3280	3300	3310	3280	3310	
	Pro[kgf]	340	340	340	340	340	340	340	340	327	326	326	328	334	336	337	334	
6100	P_i [kW]	2.26	2.20	1.80	1.53	1.32	1.17	0.945	0.794	0.684	0.567	0.461	0.389	0.336	0.279	0.228	0.167	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	171	222	250	250	250	250	250	250	250	250	250	250	250	250	250	250	
	T_{out} [kgf·m]	17.4	22.6	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	
	Pro[N]	5080	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5380	5400	5360	
	Pro[kgf]	518	550	550	550	550	550	550	550	550	550	550	550	550	548	550	546	
6105	P_i [kW]	2.26	2.20	2.22	1.83	1.59	1.40	1.13	0.952	0.821	0.680	0.554	0.462	0.398	0.295	0.274	0.172	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	171	222	308	300	300	300	300	300	300	300	300	297	296	264	300	258	
	T_{out} [kgf·m]	17.4	22.6	31.4	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.3	30.2	26.9	30.6	26.3	
	Pro[N]	5080	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5310	5090	5370	4780	5350	
	Pro[kgf]	518	550	550	550	550	550	550	550	550	550	550	541	519	547	487	545	
6110	P_i [kW]	2.56	3.55	2.60	2.20	1.90	1.68	1.36	1.14	0.985	0.816	0.664	0.560	0.484	0.402	0.328	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	193	358	360	360	360	360	360	360	360	360	360	360	360	360	360	-	
	T_{out} [kgf·m]	19.7	36.5	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	-	
	Pro[N]	5760	6280	7260	7550	7610	7610	7610	7340	7200	7280	7590	7590	7610	7580	7600	-	
	Pro[kgf]	587	640	740	770	776	776	776	748	734	742	774	774	776	773	775	-	
6115	P_i [kW]	2.56	3.92	3.03	2.56	2.22	1.96	1.59	1.33	1.15	0.952	0.775	0.654	0.565	0.469	0.383	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	193	395	420	420	420	420	420	420	420	420	420	420	420	420	420	-	
	T_{out} [kgf·m]	19.7	40.3	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	-	
	Pro[N]	5760	6230	7180	7480	7610	7500	7460	7150	7010	7090	7370	7410	7430	7390	7410	-	
	Pro[kgf]	587	635	732	762	776	765	760	729	715	723	751	755	757	753	755	-	
6120	P_i [kW]	4.85	4.72	3.79	3.20	2.78	2.43	1.97	1.67	1.42	1.19	0.969	0.817	0.706	0.587	0.479	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	366	476	525	525	525	520	522	525	520	525	525	525	525	525	525	-	
	T_{out} [kgf·m]	37.3	48.5	53.5	53.5	53.5	53.0	53.2	53.5	53.0	53.5	53.5	53.5	53.5	53.5	53.5	-	
	Pro[N]	6380	7080	8100	8420	9090	9230	9810	9810	9810	9810	9810	9810	9810	9810	9780	-	
	Pro[kgf]	650	722	826	858	927	941	1000	1000	1000	1000	1000	1000	1000	1000	997	-	
Frame Size	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	Dim. Page
	n_2 [r/min]	120	90.0	65.5	55.4	48.0	42.4	34.3	28.8	24.8	20.6	16.7	14.1	12.2	10.1	8.28	6.05	

Selection Tables 6000 Series Reducer

Single Reduction Ratio 6 ~ 119 Frame Size: 6125 ~ 6195



n_1 : Input Speed [r/min] T_{out} : Allowable output torque [N·m, kgf·m]
 n_2 : Output Speed [r/min] Pro: Allowable output shaft radial load [N, kgf]
 P : Allowable input power [kW] *Consult us for Pro of CNF and CHF type.

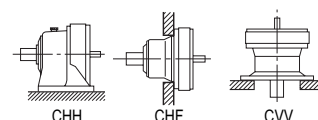
Input Speed $n_1 = 720$ r/min

Frame Size	n_2 [r/min]	120	90.0	65.5	55.4	48.0	42.4	34.3	28.8	24.8	20.6	16.7	14.1	12.2	10.1	8.28	6.05	Dim. Page
	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	
6125	P_i [kW]	4.85	4.72	4.09	3.69	3.33	2.94	2.38	2.00	1.72	1.43	1.16	0.980	0.847	0.661	0.575	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	366	476	567	605	630	630	630	630	630	630	630	630	630	592	630	-	
	T_{out} [kgf·m]	37.3	48.5	57.8	61.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	60.3	64.2	-	
	Pro[N]	6380	7080	8050	8340	8990	9130	9810	9810	9810	9810	9810	9810	9810	9810	9560	-	
	Pro[kgf]	650	722	821	850	916	931	1000	1000	1000	1000	1000	1000	1000	1000	975	-	
6130	P_i [kW]	7.19	7.07	5.63	4.76	4.13	3.64	2.95	2.48	2.13	1.77	1.44	1.43	1.23	1.01	0.774	-	CHH C-72 CHF C-77 CVV C-83
	T_{out} [N·m]	543	713	780	780	780	780	780	780	780	780	780	920	912	902	848	-	
	T_{out} [kgf·m]	55.4	72.7	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	93.8	93.0	91.9	86.4	-	
	Pro[N]	7350	8170	9450	9920	10200	11000	11800	12300	13000	13800	14700	14700	14700	14700	14700	-	
	Pro[kgf]	749	833	963	1010	1040	1120	1200	1250	1330	1410	1500	1500	1500	1500	1500	-	
6135	P_i [kW]	7.87	7.27	6.78	5.74	4.97	4.39	3.55	2.86	2.57	2.13	1.73	1.49	1.41	1.16	0.893	-	CHH C-72 CHF C-77 CVV C-83
	T_{out} [N·m]	595	733	940	940	940	940	940	900	940	940	940	959	1050	1040	979	-	
	T_{out} [kgf·m]	60.7	74.7	95.8	95.8	95.8	95.8	95.8	91.7	95.8	95.8	95.8	97.8	107	106	99.8	-	
	Pro[N]	7290	8150	9300	9790	10100	10900	11700	12200	12900	13600	14700	14700	14700	14700	14700	-	
	Pro[kgf]	743	831	948	998	1030	1110	1190	1240	1310	1390	1500	1500	1500	1500	1500	-	
6140	P_i [kW]	9.48	9.20	8.84	7.48	6.48	5.72	4.63	3.89	3.35	2.78	2.26	1.91	1.65	1.37	1.12	-	CHH C-72 CHF C-77 CVV C-83
	T_{out} [N·m]	717	928	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	-	
	T_{out} [kgf·m]	73.1	94.6	125	125	125	125	125	125	125	125	125	125	125	125	125	-	
	Pro[N]	11300	12600	14100	14500	15100	15900	16000	16000	16000	16000	16000	16000	16000	16000	16000	-	
	Pro[kgf]	1150	1280	1440	1480	1540	1620	1630	1630	1630	1630	1630	1630	1630	1630	1630	-	
6145	P_i [kW]	9.48	9.20	9.32	8.36	7.18	6.40	5.06	4.35	3.75	3.11	2.53	2.13	1.84	1.48	1.14	-	CHH C-72 CHF C-77 CVV C-83
	T_{out} [N·m]	717	928	1290	1370	1360	1370	1340	1370	1370	1370	1370	1370	1370	1320	1250	-	
	T_{out} [kgf·m]	73.1	94.6	131	140	139	140	137	140	140	140	140	140	140	135	127	-	
	Pro[N]	11300	12600	14000	14400	15100	15800	16000	16000	15800	16000	15700	15700	16000	16000	16000	-	
	Pro[kgf]	1150	1280	1430	1470	1540	1610	1630	1630	1610	1630	1600	1600	1630	1630	1630	-	
6160	P_i [kW]	17.5	17.4	12.7	10.7	9.29	8.19	6.63	5.57	4.80	3.98	3.20	2.73	2.36	1.96	1.60	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	1320	1760	1760	1760	1760	1760	1760	1760	1760	1760	1740	1760	1760	1760	1760	-	
	T_{out} [kgf·m]	135	179	179	179	179	179	179	179	179	179	177	179	179	179	179	-	
	Pro[N]	12500	13800	16000	16900	18000	18600	20100	21200	22100	22100	22100	22100	22100	22100	22100	-	
	Pro[kgf]	1270	1410	1630	1720	1830	1900	2050	2160	2250	2250	2250	2250	2250	2250	2250	-	
6165	P_i [kW]	17.5	17.8	15.2	12.8	11.1	9.80	7.94	6.67	5.75	4.76	3.88	3.27	2.82	2.35	1.87	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	1320	1790	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2050	-	
	T_{out} [kgf·m]	135	182	214	214	214	214	214	214	214	214	214	214	214	214	209	-	
	Pro[N]	12500	13800	15800	16600	17700	18400	19900	21000	22000	22100	22100	22100	22100	22100	21800	-	
	Pro[kgf]	1270	1410	1610	1690	1800	1880	2030	2140	2240	2250	2250	2250	2250	2250	2220	-	
6170	P_i [kW]	24.6	25.1	18.3	15.4	13.4	11.8	9.56	8.03	6.92	5.74	4.67	3.94	3.40	2.83	2.31	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	1860	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	-	
	T_{out} [kgf·m]	190	258	258	258	258	258	258	258	258	258	258	258	258	258	258	-	
	Pro[N]	13900	15200	17900	18800	19800	20700	22600	23600	25000	26600	28500	29500	29500	29500	29500	-	
	Pro[kgf]	1420	1550	1820	1920	2020	2110	2300	2410	2550	2710	2910	3010	3010	3010	3010	-	
6175	P_i [kW]	24.6	25.8	22.7	19.2	16.7	14.7	11.9	10.00	8.62	7.14	5.81	4.90	4.24	3.52	2.87	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	1860	2600	3150	3150	3150	3150	3150	3150	3150	3150	3150	3150	3150	3150	3150	-	
	T_{out} [kgf·m]	190	265	321	321	321	321	321	321	321	321	321	321	321	321	321	-	
	Pro[N]	13900	15200	17500	18400	19400	20400	22300	23300	24600	26300	28200	29500	29500	29500	29500	-	
	Pro[kgf]	1420	1550	1780	1880	1980	2080	2270	2380	2510	2680	2870	3010	3010	3010	3010	-	
6180	P_i [kW]	-	-	29.3	24.8	21.5	19.0	15.3	12.9	11.1	9.19	7.49	6.30	5.45	4.53	3.70	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	4060	4060	4060	4060	4050	4050	4050	4050	4060	4050	4050	4050	4060	-	
	T_{out} [kgf·m]	-	-	414	414	414	414	413	413	413	413	414	413	413	413	414	-	
	Pro[N]	-	-	23700	24800	26200	27800	30200	31500	33100	35500	38200	39700	41700	41700	41700	-	
	Pro[kgf]	-	-	2420	2530	2670	2830	3080	3210	3370	3620	3890	4050	4250	4250	4250	-	
6185	P_i [kW]	-	-	34.7	29.9	23.5	22.4	18.9	15.9	13.7	11.3	9.23	7.78	6.73	5.05	4.56	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	4810	4900	4440	4790	5000	5000	5000	5000	5000	5000	5000	4510	5000	-	
	T_{out} [kgf·m]	-	-	490	499	453	488	510	510	510	510	510	510	510	460	510	-	
	Pro[N]	-	-	23300	24400	26000	27400	29800	31200	32700	35100	37800	39400	41300	41700	41700	-	
	Pro[kgf]	-	-	2380	2490	2650	2790	3040	3180	3330	3580	3850	4020	4210	4250	4250	-	
6190	P_i [kW]	-	-	41.0	38.9	33.8	29.8	24.1	20.3	17.5	14.5	11.8	9.93	8.58	7.13	5.82	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	5680	6380	6380	6380	6380	6380	6380	6380	6380	6380	6380	6380	6380	-	
	T_{out} [kgf·m]	-	-	579	650	650	650	650	650	650	650	650	650	650	650	650	-	
	Pro[N]	-	-	33200	34300	36300	38500	41800	44000	46300	49100	53100	55500	58300	58400	58900	-	
	Pro[kgf]	-	-	3380	3500	3700	3920	4260	4490	4720	5010	5410	5660	5940	5950	6000	-	
6195	P_i [kW]	-	-	48.1	42.6	39.2	37.2	30.1	25.3	21.8	18.0	14.7	12.4	10.7	8.90	7.26	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	6670	6980	7410	7960	7960	7960	7960	7960	7960	7960	7960	7960	7960	-	
	T_{out} [kgf·m]	-	-	680	712	755	811	811	811	811	811	811	811	811	811	811	-	
	Pro[N]	-	-	32800	34100	35800	37900	41400	43500	45900	48700	52600	55000	57900	58000	58400	-	
	Pro[kgf]	-	-	3340	3480	3650	3860	4220	4430	4680	4960	5360	5610	5900	5910	5950	-	
Frame Size	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	Dim. Page

Selection Tables 6000 Series Reducer

Single Reduction Ratio 6 ~ 119 Frame Size: 6205 ~ 6275

Input Speed	$n_1 = 720$ r/min	n_1 : Input Speed [r/min]										T_{out} : Allowable output torque [N·m, kgf·m]									
		n_2 : Output Speed [r/min]										Pro: Allowable output shaft radial load [N, kgf]									
		P : Allowable input power [kW]										*Consult us for Pro of CNF and CHF type.									



Frame Size	n_2 [r/min]	120	90.0	65.5	55.4	48.0	42.4	34.3	28.8	24.8	20.6	16.7	14.1	12.2	10.1	8.28	6.05	Dim. Page
	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	
6205	P_i [kW]	-	-	55.2	-	49.0	-	35.0	-	25.3	-	17.2	-	12.5	-	7.99	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	7650	-	9270	-	9270	-	9230	-	9300	-	9300	-	8760	-	
	T_{out} [kgf·m]	-	-	780	-	945	-	945	-	941	-	948	-	948	-	893	-	
	Pro [N]	-	-	63000	-	67800	-	76300	-	83600	-	84100	-	84100	-	84100	-	
6215	Pro [kgf]	-	-	6420	-	6910	-	7780	-	8520	-	8570	-	8570	-	8570	-	CHH C-72 CHF C-77 CVV C-84
	P_i [kW]	-	-	75.3	-	64.4	-	47.2	-	34.6	-	23.3	-	17.0	-	10.3	-	
	T_{out} [N·m]	-	-	10400	-	12200	-	12500	-	12700	-	12700	-	12700	-	11300	-	
	T_{out} [kgf·m]	-	-	1060	-	1240	-	1270	-	1290	-	1290	-	1290	-	1150	-	
6225	Pro [N]	-	-	63000	-	67900	-	77200	-	84400	-	95800	-	104000	-	104000	-	CHH C-72 CHF C-77 CVV C-84
	Pro [kgf]	-	-	6420	-	6920	-	7870	-	8600	-	9770	-	10600	-	10600	-	
	P_i [kW]	-	-	88.1	-	76.6	-	55.9	-	41.2	-	29.5	-	21.4	-	13.7	-	
	T_{out} [N·m]	-	-	12200	-	14500	-	14800	-	15000	-	16000	-	15900	-	15100	-	
6235	T_{out} [kgf·m]	-	-	1240	-	1480	-	1510	-	1530	-	1630	-	1620	-	1540	-	CHH C-72 CHF C-77 CVV C-84
	Pro [N]	-	-	66600	-	72100	-	81200	-	89000	-	101000	-	110000	-	124000	-	
	Pro [kgf]	-	-	6790	-	7350	-	8280	-	9070	-	10300	-	11200	-	12600	-	
	P_i [kW]	-	-	113	-	104	-	71.4	-	51.7	-	37.6	-	27.3	-	15.7	-	CHH C-72 CHF C-77 CVV C-84
6245	T_{out} [N·m]	-	-	15700	-	19600	-	18900	-	18900	-	20400	-	20300	-	17200	-	
	T_{out} [kgf·m]	-	-	1600	-	2000	-	1930	-	1930	-	2080	-	2070	-	1750	-	
	Pro [N]	-	-	83400	-	89000	-	101000	-	111000	-	125000	-	137000	-	155000	-	
6255	Pro [kgf]	-	-	8500	-	9070	-	10300	-	11300	-	12700	-	14000	-	15800	-	
	P_i [kW]	-	-	132	-	132	-	97.5	-	70.6	-	47.6	-	34.7	-	20.7	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	18300	-	24900	-	25800	-	25800	-	25800	-	25800	-	22600	-	
	T_{out} [kgf·m]	-	-	1870	-	2540	-	2630	-	2630	-	2630	-	2630	-	2300	-	
6265	Pro [N]	-	-	92600	-	98800	-	112000	-	123000	-	139000	-	152000	-	173000	-	CHH C-72 CHF C-77 CVV C-84
	Pro [kgf]	-	-	9440	-	10100	-	11400	-	12500	-	14200	-	15500	-	17600	-	
	P_i [kW]	-	-	151	-	151	-	117	-	88.9	-	61.5	-	44.9	-	28.3	-	
	T_{out} [N·m]	-	-	20900	-	28500	-	31000	-	32500	-	33300	-	33400	-	31000	-	
6275	T_{out} [kgf·m]	-	-	2130	-	2910	-	3160	-	3310	-	3390	-	3400	-	3160	-	CHH C-72 CHF C-77 CVV C-84
	Pro [N]	-	-	114000	-	122000	-	136000	-	151000	-	170000	-	187000	-	211000	-	
	Pro [kgf]	-	-	11600	-	12400	-	13900	-	15400	-	17300	-	19100	-	21500	-	
	P_i [kW]	-	-	175	-	175	-	172	-	126	-	84.9	-	61.9	-	40.2	-	CHH C-72 CHF C-77 CVV C-84
6275	T_{out} [N·m]	-	-	24200	-	33000	-	45400	-	46000	-	46000	-	46000	-	44000	-	
	T_{out} [kgf·m]	-	-	2470	-	3360	-	4630	-	4690	-	4690	-	4690	-	4490	-	
	Pro [N]	-	-	140000	-	149000	-	166000	-	184000	-	208000	-	228000	-	257000	-	
6275	Pro [kgf]	-	-	14300	-	15200	-	16900	-	18800	-	21200	-	23200	-	26200	-	
	P_i [kW]	-	-	-	-	-	-	-	-	159	-	126	-	91.7	-	53.4	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	-	-	-	-	-	-	58100	-	68200	-	68200	-	58600	-	
	T_{out} [kgf·m]	-	-	-	-	-	-	-	-	5920	-	6950	-	6950	-	5970	-	
6275	Pro [N]	-	-	-	-	-	-	-	-	214000	-	248000	-	248000	-	240000	-	CHH C-72 CHF C-77 CVV C-84
	Pro [kgf]	-	-	-	-	-	-	-	-	21800	-	25300	-	25300	-	24500	-	
	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	Dim. Page
	n_2 [r/min]	120	90.0	65.5	55.4	48.0	42.4	34.3	28.8	24.8	20.6	16.7	14.1	12.2	10.1	8.28	6.05	

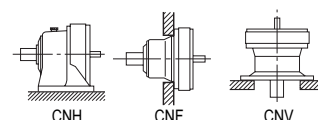
Note: 1. Allowable radial load Pro is the value at the midpoint of the output shaft. Refer to pages F-11~12 when radial load is off the midpoint of output shaft and for checking thrust load.

2. Refer to pages F-15~16 for allowable radial load for input shaft.

Selection Tables 6000 Series Reducer

Single Reduction Ratio 6 ~ 119 Frame Size: 6060 ~ 6120

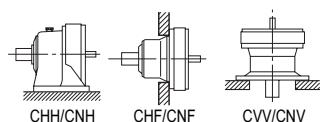
Input Speed	$n_1 = 870$ r/min	n_2 : Input Speed [r/min]																T_{out} : Allowable output torque [N·m, kgf·m]		Pro: Allowable output shaft radial load [N, kgf]	
		n_2 : Output Speed [r/min]																			
		P : Allowable input power [kW]																			
																				*Consult us for Pro of CNF and CHF type.	



Frame Size	n_2 [r/min]	145	109	79.1	66.9	58.0	51.2	41.4	34.8	30.0	24.9	20.2	17.1	14.7	12.3	10.0	7.31	Dim. Page	
	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119		
6060	P_i [kW]	0.200	0.200	0.200	0.177	0.153	0.135	0.110	0.092	0.079	0.066	0.054	-	-	-	-	-	CNH C-71 CNF C-76 CNV C-82	
	T_{out} [N·m]	12.5	16.7	22.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	-	-	-	-	-		
	T_{out} [kgf·m]	1.27	1.70	2.33	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	-	-	-	-	-		
	Pro [N]	940	1070	1180	1180	1180	1180	1180	1180	1180	1180	1180	-	-	-	-	-		
	Pro [kgf]	95.8	109	120	120	120	120	120	120	120	120	120	-	-	-	-	-		
6065	P_i [kW]	0.286	0.286	0.262	0.221	0.192	0.169	0.137	0.115	0.099	0.082	0.067	-	-	-	-	-	CNH C-71 CNF C-76 CNV C-82	
	T_{out} [N·m]	17.9	23.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	-	-	-	-	-		
	T_{out} [kgf·m]	1.82	2.44	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	-	-	-	-	-		
	Pro [N]	931	1010	1140	1180	1180	1180	1180	1180	1180	1180	1180	-	-	-	-	-		
	Pro [kgf]	94.9	103	116	120	120	120	120	120	120	120	120	-	-	-	-	-		
6070	P_i [kW]	0.347	0.347	0.347	0.332	0.288	0.254	0.205	0.173	0.149	0.123	0.100	0.085	0.073	-	-	-	CNH C-71 CNF C-76 CNV C-82	
	T_{out} [N·m]	21.7	28.9	39.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	-	-	-		
	T_{out} [kgf·m]	2.21	2.95	4.06	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	-	-	-		
	Pro [N]	1610	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770	1750	1770	-	-	-		
	Pro [kgf]	164	180	180	180	180	180	180	180	180	180	180	178	180	-	-	-		
6075	P_i [kW]	0.407	0.361	0.397	0.372	0.369	0.338	0.274	0.224	0.198	0.164	0.134	0.107	0.092	-	-	-	CNH C-71 CNF C-76 CNV C-82	
	T_{out} [N·m]	25.5	30.1	45.6	50.4	57.7	60.0	60.0	58.4	60.0	60.0	60.0	56.9	56.7	-	-	-		
	T_{out} [kgf·m]	2.60	3.07	4.65	5.14	5.88	6.12	6.12	5.95	6.12	6.12	6.12	5.80	5.78	-	-	-		
	Pro [N]	1600	1770	1770	1770	1770	1770	1770	1770	1770	1770	1660	1580	1600	-	-	-		
	Pro [kgf]	163	180	180	180	180	180	180	180	180	180	169	161	163	-	-	-		
6080	P_i [kW]	0.592	0.592	0.592	0.590	0.511	0.451	0.353	0.307	0.265	0.219	0.178	0.150	0.130	0.108	0.088	-	CNH C-71 CNF C-76 CNV C-82	
	T_{out} [N·m]	37.1	49.4	67.9	80.0	80.0	80.0	77.2	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	-		
	T_{out} [kgf·m]	3.78	5.04	6.92	8.15	8.15	8.15	7.87	8.15	8.15	8.15	8.15	8.15	8.15	8.15	8.15	-		
	Pro [N]	2240	2420	2560	2560	2560	2560	2560	2560	2500	2560	2540	2480	2510	2460	2450	-		
	Pro [kgf]	228	247	261	261	261	261	261	261	255	261	259	253	256	251	250	-		
6085	P_i [kW]	0.778	0.778	0.775	0.738	0.639	0.564	0.353	0.384	0.331	0.274	0.223	0.188	0.163	0.135	0.110	-	CNH C-71 CNF C-76 CNV C-82	
	T_{out} [N·m]	48.7	64.9	88.9	100	100	100	77.2	100	100	100	100	100	100	100	100	-		
	T_{out} [kgf·m]	4.96	6.62	9.06	10.2	10.2	10.2	7.87	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	-		
	Pro [N]	2220	2390	2560	2560	2560	2560	2560	2360	2300	2420	2340	2290	2310	2260	2260	-		
	Pro [kgf]	226	244	261	261	261	261	261	241	234	247	239	233	235	230	230	-		
6090	P_i [kW]	1.15	1.15	1.15	1.11	0.959	0.846	0.685	0.575	0.496	0.411	0.335	0.280	0.237	0.179	0.165	0.087	CNH C-71 CNF C-76 CNV C-82	
	T_{out} [N·m]	71.7	95.6	131	150	150	150	150	150	150	150	150	149	146	132	150	108		
	T_{out} [kgf·m]	7.31	9.75	13.4	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.2	14.9	13.5	15.3	11.0		
	Pro [N]	3290	3340	3340	3340	3340	3340	3340	3280	3290	3300	3310	3280	3300	3310	3310	3310		
	Pro [kgf]	335	340	340	340	340	340	340	334	335	336	337	334	336	337	337	337		
6095	P_i [kW]	1.52	1.52	1.43	1.38	1.28	1.13	0.913	0.680	0.637	0.548	0.430	0.288	0.237	0.179	0.178	0.087	CNH C-71 CNF C-76 CNV C-82	
	T_{out} [N·m]	94.8	126	164	187	200	200	200	177	193	200	193	153	146	132	162	108		
	T_{out} [kgf·m]	9.66	12.8	16.7	19.1	20.4	20.4	20.4	18.0	19.7	20.4	19.7	15.6	14.9	13.5	16.5	11.0		
	Pro [N]	3240	3340	3340	3340	3340	3340	3340	3230	3210	3200	3230	3280	3300	3310	3290	3310		
	Pro [kgf]	330	340	340	340	340	340	340	329	327	326	329	334	336	337	335	337		
6100	P_i [kW]	2.35	2.35	2.18	1.84	1.60	1.41	1.14	0.959	0.827	0.685	0.558	0.470	0.406	0.338	0.276	0.201	CNH C-71 CNF C-76 CNV C-82	
	T_{out} [N·m]	147	196	250	250	250	250	250	250	250	250	250	250	250	250	250	250		
	T_{out} [kgf·m]	15.0	20.0	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5		
	Pro [N]	4790	5320	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5380	5400	5360		
	Pro [kgf]	488	542	550	550	550	550	550	550	550	550	550	550	550	548	550	546		
6105	P_i [kW]	2.73	2.54	2.61	2.21	1.92	1.69	1.37	1.15	0.992	0.822	0.669	0.558	0.481	0.357	0.331	0.208	CNH C-71 CNF C-76 CNV C-82	
	T_{out} [N·m]	171	212	300	300	300	300	300	300	300	300	300	297	296	264	300	258		
	T_{out} [kgf·m]	17.4	21.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.3	30.2	26.9	30.6	26.3		
	Pro [N]	4760	5300	5400	5400	5400	5400	5400	5400	5400	5400	5400	5310	5090	5370	4780	5350		
	Pro [kgf]	485	540	550	550	550	550	550	550	550	550	550	541	519	547	487	545		
6110	P_i [kW]	3.09	3.55	3.14	2.66	2.30	2.03	1.64	1.38	1.19	0.986	0.803	0.677	0.585	0.486	0.397	-	CNH C-71 CNF C-76 CNV C-82	
	T_{out} [N·m]	193	296	360	360	360	360	360	360	360	360	360	360	360	360	360	-		
	T_{out} [kgf·m]	19.7	30.2	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	-		
	Pro [N]	5400	5940	6790	7060	7570	7610	7610	7340	7200	7280	7590	7590	7610	7580	7600	-		
	Pro [kgf]	550	606	692	720	772	776	776	748	734	742	774	774	776	773	775	-		
6115	P_i [kW]	3.09	3.92	3.66	3.10	2.69	2.37	1.92	1.61	1.39	1.15	0.937	0.790	0.683	0.567	0.463	-	CNH C-71 CNF C-76 CNV C-82	
	T_{out} [N·m]	193	327	420	420	420	420	420	420	420	420	420	420	420	420	420	-		
	T_{out} [kgf·m]	19.7	33.3	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	-		

Selection Tables 6000 Series Reducer

Single Reduction Ratio 6 ~ 119 Frame Size: 6125 ~ 6195



n_1 : Input Speed [r/min] T_{out} : Allowable output torque [N·m, kgf·m]
 n_2 : Output Speed [r/min] Pro: Allowable output shaft radial load [N, kgf]
 P : Allowable input power [kW] *Consult us for Pro of CNF and CHF type.

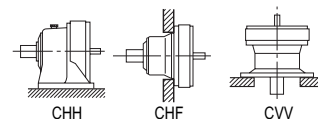
Input Speed $n_1 = 870$ r/min

Frame Size	n_2 [r/min]	145	109	79.1	66.9	58.0	51.2	41.4	34.8	30.0	24.9	20.2	17.1	14.7	12.3	10.0	7.31	Dim. Page
	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	
6125	P_i [kW]	5.84	5.45	4.73	4.27	4.03	3.55	2.88	2.42	2.08	1.73	1.40	1.18	1.02	0.770	0.694	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	366	455	542	579	630	630	630	630	630	630	630	630	630	570	630	-	
	T_{out} [kgf·m]	37.3	46.4	55.2	59.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	58.1	64.2	-	
	Pro[N]	5960	6640	7550	7820	8400	8540	9440	9810	9810	9810	9810	9810	9810	9810	9560	-	
	Pro[kgf]	608	677	770	797	856	871	962	1000	1000	1000	1000	1000	1000	1000	975	-	
6130	P_i [kW]	8.31	8.17	6.80	5.75	4.99	4.40	3.56	2.99	2.58	2.14	1.74	1.65	1.43	1.19	0.935	-	CHH C-72 CHF C-77 CVV C-83
	T_{out} [N·m]	520	682	780	780	780	780	780	780	780	780	780	880	880	880	848	-	
	T_{out} [kgf·m]	53.0	69.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	89.7	89.7	89.7	86.4	-	
	Pro[N]	6890	7660	8830	9270	9520	10300	11000	11500	12200	12900	13900	14500	14700	14700	14700	-	
	Pro[kgf]	702	781	900	945	970	1050	1120	1170	1240	1310	1420	1480	1500	1500	1500	-	
6135	P_i [kW]	9.10	8.40	8.19	6.92	6.01	5.30	4.29	3.45	3.11	2.58	2.10	1.72	1.65	1.37	1.08	-	CHH C-72 CHF C-77 CVV C-83
	T_{out} [N·m]	569	701	940	938	940	940	940	900	940	940	940	917	1010	1010	979	-	
	T_{out} [kgf·m]	58.0	71.5	95.8	95.6	95.8	95.8	95.8	91.7	95.8	95.8	95.8	93.5	103	103	99.8	-	
	Pro[N]	6830	7640	8680	9150	9400	10100	10900	11500	12100	12800	13800	14400	14700	14700	14700	-	
	Pro[kgf]	696	779	885	933	958	1030	1110	1170	1230	1300	1410	1470	1500	1500	1500	-	
6140	P_i [kW]	11.2	10.6	10.7	9.04	7.83	6.91	5.59	4.70	4.05	3.36	2.73	2.30	1.99	1.65	1.35	-	CHH C-72 CHF C-77 CVV C-83
	T_{out} [N·m]	698	887	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	-	
	T_{out} [kgf·m]	71.2	90.4	125	125	125	125	125	125	125	125	125	125	125	125	125	-	
	Pro[N]	10700	11900	13300	13600	14300	15000	16000	16000	16000	16000	16000	16000	16000	16000	16000	-	
	Pro[kgf]	1090	1210	1360	1390	1460	1530	1630	1630	1630	1630	1630	1630	1630	1630	1630	-	
6145	P_i [kW]	11.2	10.6	11.0	10.1	8.68	7.73	6.11	5.26	4.53	3.75	3.06	2.50	2.15	1.77	1.38	-	CHH C-72 CHF C-77 CVV C-83
	T_{out} [N·m]	698	887	1260	1370	1360	1370	1340	1370	1370	1370	1370	1330	1320	1310	1250	-	
	T_{out} [kgf·m]	71.2	90.4	128	140	139	140	137	140	140	140	140	136	135	134	127	-	
	Pro[N]	10700	11900	13300	13600	14200	14900	16000	16000	15800	16000	15700	15900	16000	16000	16000	-	
	Pro[kgf]	1090	1210	1360	1390	1450	1520	1630	1630	1610	1630	1600	1620	1630	1630	1630	-	
6160	P_i [kW]	20.3	19.7	15.3	12.9	11.2	9.90	8.01	6.73	5.80	4.81	3.87	3.30	2.85	2.37	1.93	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	1270	1640	1760	1760	1760	1760	1760	1760	1760	1760	1740	1760	1760	1760	1760	-	
	T_{out} [kgf·m]	129	167	179	179	179	179	179	179	179	179	177	179	179	179	179	-	
	Pro[N]	11700	13000	14900	15800	16800	17400	18800	19800	20800	22100	22100	22100	22100	22100	22100	-	
	Pro[kgf]	1190	1330	1520	1610	1710	1770	1920	2020	2120	2250	2250	2250	2250	2250	2250	-	
6165	P_i [kW]	21.2	20.6	18.3	15.5	13.4	11.8	9.59	8.06	6.94	5.75	4.68	3.95	3.41	2.84	2.26	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	1320	1720	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2050	-	
	T_{out} [kgf·m]	135	175	214	214	214	214	214	214	214	214	214	214	214	214	209	-	
	Pro[N]	11600	12900	14700	15500	16600	17200	18600	19600	20500	21900	22100	22100	22100	22100	21800	-	
	Pro[kgf]	1180	1310	1500	1580	1690	1750	1900	2000	2090	2230	2250	2250	2250	2250	2220	-	
6170	P_i [kW]	27.6	27.6	22.1	18.6	16.2	14.3	11.6	9.70	8.37	6.93	5.64	4.76	4.11	3.42	2.79	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	1730	2300	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	-	
	T_{out} [kgf·m]	176	234	258	258	258	258	258	258	258	258	258	258	258	258	258	-	
	Pro[N]	13100	14400	16700	17500	18500	19400	21200	22100	23400	24900	26600	27900	29400	29500	29500	-	
	Pro[kgf]	1340	1470	1700	1780	1890	1980	2160	2250	2390	2540	2710	2840	3000	3010	3010	-	
6175	P_i [kW]	29.7	30.1	27.5	23.2	20.1	17.8	14.4	12.1	10.4	8.63	7.02	5.92	5.12	4.25	3.47	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	1860	2510	3150	3150	3150	3150	3150	3150	3150	3150	3150	3150	3150	3150	3150	-	
	T_{out} [kgf·m]	190	256	321	321	321	321	321	321	321	321	321	321	321	321	321	-	
	Pro[N]	13000	14200	16300	17100	18000	19000	20800	21800	23000	24600	26300	27600	29100	29500	29500	-	
	Pro[kgf]	1330	1450	1660	1740	1830	1940	2120	2220	2340	2510	2680	2810	2970	3010	3010	-	
6180	P_i [kW]	-	-	35.2	29.9	26.0	22.9	18.5	15.5	13.4	11.1	9.05	7.62	6.58	5.47	4.48	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	4040	4060	4060	4060	4050	4050	4050	4050	4060	4050	4050	4050	4060	-	
	T_{out} [kgf·m]	-	-	412	414	414	414	413	413	413	413	414	413	413	413	414	-	
	Pro[N]	-	-	22100	23100	24500	26000	28200	29500	31000	33200	35800	37200	39000	41600	41700	-	
	Pro[kgf]	-	-	2250	2350	2500	2650	2870	3010	3160	3380	3650	3790	3980	4240	4250	-	
6185	P_i [kW]	-	-	39.0	36.2	27.2	25.8	22.8	19.2	16.5	13.7	11.2	9.40	8.13	6.10	5.51	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	4470	4900	4250	4580	5000	5000	5000	5000	5000	5000	5000	4510	5000	-	
	T_{out} [kgf·m]	-	-	456	499	433	467	510	510	510	510	510	510	510	460	510	-	
	Pro[N]	-	-	21900	22700	24400	25700	27900	29100	30600	32900	35400	36900	38700	41500	41700	-	
	Pro[kgf]	-	-	2230	2310	2490	2620	2840	2970	3120	3350	3610	3760	3940	4230	4250	-	
6190	P_i [kW]	-	-	41.0	41.0	40.8	36.0	29.1	24.5	21.1	17.5	14.2	12.0	10.4	8.62	7.03	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	4700	5560	6380	6380	6380	6380	6380	6380	6380	6380	6380	6380	6380	-	
	T_{out} [kgf·m]	-	-	479	567	650	650	650	650	650	650	650	650	650	650	650	-	
	Pro[N]	-	-	31400	32400	33900	36000	39200	41200	43400	46000	49700	52000	54600	58100	58900	-	
	Pro[kgf]	-	-	3200	3300	3460	3670	4000	4200	4420	4690	5070	5300	5570	5920	6000	-	
6195	P_i [kW]	-	-	48.1	48.1	45.3	44.9	36.3	30.5	26.3	21.8	17.8	15.0	12.9	10.8	8.77	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	5520	6520	7090	7960	7960	7960	7960	7960	7960	7960	7960	7960	7960	-	
	T_{out} [kgf·m]	-	-	563	665	723	811	811	811	811	811	811	811	811	811	811	-	
	Pro[N]	-	-	31100	32000	33600	35400	38700	40700	42900	45500	49200	51500	54200	57600	58400	-	
	Pro[kgf]	-	-	3170	3260	3430	3610	3940	4150	4370	4640	5020	5250	5520	5870	5950	-	
Frame Size	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	Dim. Page

Selection Tables 6000 Series Reducer

Single Reduction Ratio 6 ~ 119 Frame Size: 6205 ~ 6275

Input Speed	$n_1 = 870$ r/min	n_1 : Input Speed [r/min]	T_{out} : Allowable output torque [N·m, kgf·m]
		n_2 : Output Speed [r/min]	Pro: Allowable output shaft radial load [N, kgf]
		P : Allowable input power [kW]	*Consult us for Pro of CNF and CHF type.



Frame Size	n_2 [r/min]	145	109	79.1	66.9	58.0	51.2	41.4	34.8	30.0	24.9	20.2	17.1	14.7	12.3	10.0	7.31	Dim. Page
	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	
6205	P_1 [kW]	-	-	59.7	-	58.3	-	42.4	-	30.5	-	20.7	-	15.1	-	9.65	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	6850	-	9130	-	9270	-	9230	-	9300	-	9300	-	8760	-	
	T_{out} [kgf·m]	-	-	698	-	931	-	945	-	941	-	948	-	948	-	893	-	
	Pro [N]	-	-	59700	-	63900	-	72000	-	78800	-	84100	-	84100	-	84100	-	
6215	P_1 [kW]	-	-	75.3	-	75.3	-	57.1	-	41.8	-	28.2	-	20.6	-	12.4	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	8640	-	11800	-	12500	-	12700	-	12700	-	12700	-	11300	-	
	T_{out} [kgf·m]	-	-	881	-	1200	-	1270	-	1290	-	1290	-	1290	-	1150	-	
	Pro [N]	-	-	59900	-	64000	-	72700	-	79500	-	90300	-	98700	-	104000	-	
6225	P_1 [kW]	-	-	99.5	-	92.6	-	67.6	-	49.7	-	35.7	-	25.8	-	16.6	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	11400	-	14500	-	14800	-	15000	-	16000	-	15900	-	15100	-	
	T_{out} [kgf·m]	-	-	1160	-	1480	-	1510	-	1530	-	1630	-	1620	-	1540	-	
	Pro [N]	-	-	63000	-	67900	-	76500	-	83900	-	95100	-	104000	-	117000	-	
6235	P_1 [kW]	-	-	113	-	113	-	86.3	-	62.5	-	43.4	-	31.6	-	18.9	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	13000	-	17700	-	18900	-	18900	-	19500	-	19400	-	17200	-	
	T_{out} [kgf·m]	-	-	1330	-	1800	-	1930	-	1930	-	1990	-	1980	-	1750	-	
	Pro [N]	-	-	79200	-	84300	-	95400	-	105000	-	118000	-	129000	-	146000	-	
6245	P_1 [kW]	-	-	132	-	132	-	118	-	85.3	-	57.5	-	41.9	-	25.0	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	15100	-	20600	-	25800	-	25800	-	25800	-	25800	-	22600	-	
	T_{out} [kgf·m]	-	-	1540	-	2100	-	2630	-	2630	-	2630	-	2630	-	2300	-	
	Pro [N]	-	-	88000	-	94000	-	105000	-	116000	-	131000	-	144000	-	163000	-	
6255	P_1 [kW]	-	-	151	-	151	-	142	-	107	-	71.1	-	51.9	-	34.2	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	17300	-	23600	-	31000	-	32500	-	31900	-	31900	-	31000	-	
	T_{out} [kgf·m]	-	-	1760	-	2410	-	3160	-	3310	-	3250	-	3250	-	3160	-	
	Pro [N]	-	-	108000	-	116000	-	128000	-	142000	-	161000	-	176000	-	199000	-	
6265	P_1 [kW]	-	-	175	-	175	-	172	-	152	-	103	-	74.8	-	48.5	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	20100	-	27300	-	37600	-	46000	-	46000	-	46000	-	44000	-	
	T_{out} [kgf·m]	-	-	2050	-	2780	-	3830	-	4690	-	4690	-	4690	-	4490	-	
	Pro [N]	-	-	132000	-	141000	-	158000	-	174000	-	196000	-	215000	-	242000	-	
6275	P_1 [kW]	-	-	-	-	-	-	-	-	159	-	151	-	111	-	53.4	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	-	-	-	-	-	-	48100	-	67600	-	68200	-	48500	-	
	T_{out} [kgf·m]	-	-	-	-	-	-	-	-	4900	-	6890	-	6950	-	4940	-	
	Pro [N]	-	-	-	-	-	-	-	-	203000	-	248000	-	248000	-	227000	-	
Frame Size	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	Dim. Page
	n_2 [r/min]	145	109	79.1	66.9	58.0	51.2	41.4	34.8	30.0	24.9	20.2	17.1	14.7	12.3	10.0	7.31	

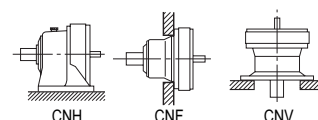
Note: 1. Allowable radial load Pro is the value at the midpoint of the output shaft. Refer to pages F-11~12 when radial load is off the midpoint of output shaft and for checking thrust load.

2. Refer to pages F-15~16 for allowable radial load for input shaft.

Selection Tables 6000 Series Reducer

Single Reduction Ratio 6 ~ 119 Frame Size: 6060 ~ 6120

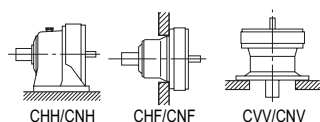
Input Speed	$n_1 = 980$ r/min	n_1 : Input Speed [r/min]										T_{out} : Allowable output torque [N·m, kgf·m]									
		n_2 : Output Speed [r/min]										Pro: Allowable output shaft radial load [N, kgf]									
		P : Allowable input power [kW]										*Consult us for Pro of CNF and CHF type.									



Frame Size	n_2 [r/min]	163	123	89.1	75.4	65.3	57.6	46.7	39.2	33.8	28.0	22.8	19.2	16.6	13.8	11.3	8.24	Dim. Page	
	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119		
6060	P_i [kW]	0.200	0.200	0.200	0.199	0.173	0.152	0.123	0.104	0.089	0.074	0.060	-	-	-	-	-	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	11.1	14.8	20.4	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	-	-	-	-	-		
	T_{out} [kgf·m]	1.13	1.51	2.08	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	-	-	-	-	-		
	Pro[N]	905	1030	1180	1180	1180	1180	1180	1180	1180	1180	1180	1180	-	-	-	-		
	Pro[kgf]	92.3	105	120	120	120	120	120	120	120	120	120	120	-	-	-	-		
6065	P_i [kW]	0.286	0.286	0.286	0.249	0.216	0.191	0.154	0.130	0.112	0.093	0.075	-	-	-	-	-	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	15.9	21.2	29.2	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	-	-	-	-	-		
	T_{out} [kgf·m]	1.62	2.16	2.98	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	-	-	-	-	-		
	Pro[N]	897	1020	1160	1180	1180	1180	1180	1180	1180	1180	1180	1180	-	-	-	-		
	Pro[kgf]	91.4	104.0	118	120	120	120	120	120	120	120	120	120	-	-	-	-		
6070	P_i [kW]	0.347	0.347	0.347	0.347	0.324	0.286	0.231	0.194	0.168	0.139	0.113	0.095	0.082	-	-	-	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	19.3	25.7	35.3	41.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	-	-	-		
	T_{out} [kgf·m]	1.97	2.62	3.60	4.25	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	-	-	-		
	Pro[N]	1550	1710	1770	1770	1770	1770	1770	1770	1770	1770	1770	1750	1770	-	-	-		
	Pro[kgf]	158	174	180	180	180	180	180	180	180	180	180	180	178	180	-	-		
6075	P_i [kW]	0.407	0.386	0.407	0.407	0.404	0.381	0.309	0.245	0.223	0.185	0.151	0.119	0.101	-	-	-	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	22.6	28.6	41.4	49.0	56.1	60.0	60.0	56.8	60.0	60.0	60.0	56.4	55.1	-	-	-		
	T_{out} [kgf·m]	2.30	2.92	4.22	4.99	5.72	6.12	6.12	5.79	6.12	6.12	6.12	5.75	5.62	-	-	-		
	Pro[N]	1540	1700	1770	1770	1770	1770	1770	1770	1770	1770	1660	1590	1620	-	-	-		
	Pro[kgf]	157	173	180	180	180	180	180	180	180	180	169	162	165	-	-	-		
6080	P_i [kW]	0.592	0.592	0.592	0.592	0.576	0.508	0.397	0.340	0.298	0.247	0.201	0.169	0.146	0.120	0.090	-	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	32.9	43.9	60.3	71.3	80.0	80.0	77.2	78.7	80.0	80.0	80.0	80.0	80.0	78.9	72.5	-		
	T_{out} [kgf·m]	3.35	4.48	6.15	7.27	8.15	8.15	7.87	8.02	8.15	8.15	8.15	8.15	8.15	8.04	7.39	-		
	Pro[N]	2160	2330	2560	2560	2560	2560	2560	2560	2500	2560	2540	2480	2510	2470	2510	-		
	Pro[kgf]	220	238	261	261	261	261	261	261	255	261	259	253	256	252	256	-		
6085	P_i [kW]	0.778	0.778	0.778	0.778	0.720	0.635	0.397	0.432	0.372	0.309	0.251	0.212	0.183	0.152	0.121	-	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	43.2	57.6	79.2	93.6	100	100	77.2	100	100	100	100	100	100	100	97.6	-		
	T_{out} [kgf·m]	4.40	5.87	8.07	9.54	10.2	10.2	7.87	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.95	-		
	Pro[N]	2140	2310	2530	2560	2560	2560	2560	2360	2300	2420	2340	2290	2310	2260	2280	-		
	Pro[kgf]	218	235	258	261	261	261	261	241	234	247	239	233	235	230	232	-		
6090	P_i [kW]	1.15	1.15	1.15	1.15	1.08	0.953	0.758	0.648	0.559	0.463	0.377	0.315	0.267	0.201	0.186	0.098	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	63.7	84.9	117	138	150	150	147	150	150	150	150	149	146	132	150	108		
	T_{out} [kgf·m]	6.49	8.65	11.9	14.1	15.3	15.3	15.0	15.3	15.3	15.3	15.3	15.2	14.9	13.5	15.3	11.0		
	Pro[N]	3180	3340	3340	3340	3340	3340	3340	3280	3290	3300	3310	3280	3300	3310	3310	3310		
	Pro[kgf]	324	340	340	340	340	340	340	334	335	336	337	334	336	337	337	337		
6095	P_i [kW]	1.52	1.52	1.52	1.51	1.44	1.27	1.03	0.745	0.698	0.610	0.471	0.325	0.267	0.201	0.195	0.098	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	84.2	112	154	182	200	200	200	172	187	198	187	153	146	132	157	108		
	T_{out} [kgf·m]	8.58	11.4	15.7	18.6	20.4	20.4	20.4	17.5	19.1	20.2	19.1	15.6	14.9	13.5	16.0	11.0		
	Pro[N]	3130	3340	3340	3340	3340	3340	3340	3240	3220	3210	3240	3280	3300	3310	3300	3310		
	Pro[kgf]	319	340	340	340	340	340	340	330	328	327	330	334	336	337	336	337		
6100	P_i [kW]	2.35	2.35	2.35	2.08	1.80	1.59	1.29	1.08	0.931	0.772	0.628	0.530	0.458	0.380	0.310	0.210	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	130	174	239	250	250	250	250	250	250	250	250	250	250	250	250	231		
	T_{out} [kgf·m]	13.3	17.7	24.4	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	23.5		
	Pro[N]	4620	5130	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5380	5400	5370		
	Pro[kgf]	471	523	550	550	550	550	550	550	550	550	550	550	550	548	550	547		
6105	P_i [kW]	3.02	2.78	2.86	2.49	2.16	1.91	1.54	1.30	1.12	0.926	0.754	0.629	0.530	0.402	0.372	0.235	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	168	206	291	300	300	300	300	300	300	300	300	297	290	264	300	258		
	T_{out} [kgf·m]	17.1	21.0	29.7	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.3	29.6	26.9	30.6	26.3		
	Pro[N]	4570	5090	5400	5400	5400	5400	5400	5400	5400	5400	5400	5310	5260	5370	4780	5350		
	Pro[kgf]	466	519	550	550	550	550	550	550	550	550	550	541	536	547	487	545		
6110	P_i [kW]	3.48	3.55	3.54	2.99	2.59	2.29	1.85	1.56	1.34	1.11	0.904	0.762	0.659	0.548	0.447	-	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	193	263	360	360	360	360	360	360	360	360	360	360	360	360	360	-		
	T_{out} [kgf·m]	19.7	26.8	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	-		
	Pro[N]	5180	5740	6510	6770	7260	7370	7610	7340	7200	7280	7590	7590	7610	7580	7600	-		
	Pro[kgf]	528	585	664	690	740	751	776	748	734	742	774	774	776	773	775	-		
6115	P_i [kW]	3.48	3.92	3.92	3.49	3.02	2.67	2.16	1.81	1.56	1.30	1.06	0.890	0.769	0.639	0.521	-	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	193	290	399	420	420	420	420	420	420	420	420	420	420	420	420	-		
	T_{out} [kgf·m]	19.7	29.6	40.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	-		
	Pro[N]	5180	5700	6460	6700	7190	7300	7460	7150	7010	7090	7370	7410	7430	7390	7410	-		
	Pro[kgf]	528	581	659	683	733	744	760	729	715	723	751	755	757	753	755	-		
6120	P_i [kW]	5.07	5.07	5.07	4.36	3.78	3.30	2.68	2.27	1.94	1.62	1.32	1.11	0.961	0.799	0.652	-	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	282	375	516	525	525	520	522	525	520	525	525	525	525	525	525	-		
	T_{out} [kgf·m]	28.7	38.2	52.6	53.5	53.5	53.0	53.2	53.5	53.0	53.5	53.5	53.5	53.5	53.5	53.5	-		
	Pro[N]	5810	6450	7260	7540	8160	8280	9150	9640	9810	9810	9810	9810	9810	9810	9780	-		
	Pro[kgf]	592	657	740	769	832	844	933	983	1000	1000	1000	1000	1000	1000	997	-		
Frame Size	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	Dim. Page	
	n_2 [r/min]	163	123	89.1	75.4	65.3	57.6	46.7	39.2	33.8	28.0	22.8	19.2	16.6	13.8	11.3	8.24		

Selection Tables 6000 Series Reducer

Single Reduction Ratio 6 ~ 119 Frame Size: 6125 ~ 6195



n_1 : Input Speed [r/min] T_{out} : Allowable output torque [N·m, kgf·m]
 n_2 : Output Speed [r/min] Pro: Allowable output shaft radial load [N, kgf]
 P : Allowable input power [kW] *Consult us for Pro of CNF and CHF type.

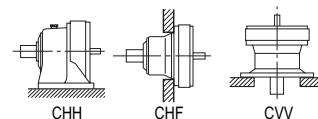
Input Speed $n_1 = 980$ r/min

Frame Size	n_2 [r/min]	163	123	89.1	75.4	65.3	57.6	46.7	39.2	33.8	28.0	22.8	19.2	16.6	13.8	11.3	8.24	Dim. Page
	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	
6125	P_i [kW]	6.40	5.97	5.18	4.68	4.54	4.00	3.24	2.72	2.35	1.94	1.58	1.33	1.15	0.843	0.761	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	355	442	527	563	630	630	630	630	630	630	630	630	630	554	613	-	
	T_{out} [kgf·m]	36.2	45.1	53.7	57.4	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	56.5	62.5	-	
	Pro[N]	5730	6380	7250	7510	8050	8180	9050	9540	9810	9810	9810	9810	9810	9810	9590	-	
	Pro[kgf]	584	650	739	766	821	834	923	972	1000	1000	1000	1000	1000	1000	978	-	
6130	P_i [kW]	9.10	8.95	7.66	6.48	5.62	4.96	4.01	3.37	2.91	2.41	1.96	1.81	1.57	1.30	1.05	-	CHH C-72 CHF C-77 CVV C-83
	T_{out} [N·m]	505	663	780	780	780	780	780	780	780	780	780	855	855	855	848	-	
	T_{out} [kgf·m]	51.5	67.6	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	87.2	87.2	87.2	86.4	-	
	Pro[N]	6620	7350	8460	8890	9130	9840	10600	11100	11700	12400	13300	13900	14600	14700	14700	-	
	Pro[kgf]	675	749	862	906	931	1000	1080	1130	1190	1260	1360	1420	1490	1500	1500	-	
6135	P_i [kW]	9.96	9.20	9.23	7.58	6.77	5.97	4.84	3.89	3.50	2.90	2.36	1.89	1.81	1.50	1.22	-	CHH C-72 CHF C-77 CVV C-83
	T_{out} [N·m]	553	682	940	912	940	940	940	900	940	940	940	892	987	987	979	-	
	T_{out} [kgf·m]	56.4	69.5	95.8	93.0	95.8	95.8	95.8	91.7	95.8	95.8	95.8	90.9	101	101	99.8	-	
	Pro[N]	6560	7330	8310	8780	9010	9720	10500	11000	11600	12200	13200	13900	14500	14700	14700	-	
	Pro[kgf]	669	747	847	895	918	991	1070	1120	1180	1240	1350	1420	1480	1500	1500	-	
6140	P_i [kW]	12.2	11.6	12.0	10.2	8.82	7.78	6.30	5.29	4.56	3.78	3.08	2.59	2.24	1.86	1.52	-	CHH C-72 CHF C-77 CVV C-83
	T_{out} [N·m]	678	863	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	-	
	T_{out} [kgf·m]	69.1	88.0	125	125	125	125	125	125	125	125	125	125	125	125	125	-	
	Pro[N]	10300	11400	12800	13100	13800	14400	15500	16000	16000	16000	16000	16000	16000	16000	16000	-	
	Pro[kgf]	1050	1160	1300	1340	1410	1470	1580	1630	1630	1630	1630	1630	1630	1630	1630	-	
6145	P_i [kW]	12.2	11.6	12.1	11.4	9.78	8.71	6.88	5.92	5.10	4.23	3.44	2.74	2.36	1.94	1.55	-	CHH C-72 CHF C-77 CVV C-83
	T_{out} [N·m]	678	863	1230	1370	1360	1370	1340	1370	1370	1370	1370	1290	1290	1280	1250	-	
	T_{out} [kgf·m]	69.1	88.0	125	140	139	140	137	140	140	140	140	131	131	130	127	-	
	Pro[N]	10300	11400	12800	13100	13700	14400	15400	16000	15800	16000	15700	15900	16000	16000	16000	-	
	Pro[kgf]	1050	1160	1300	1340	1400	1470	1570	1630	1610	1630	1600	1620	1630	1630	1630	-	
6160	P_i [kW]	20.3	19.7	17.2	14.6	12.6	11.2	9.03	7.58	6.54	5.42	4.36	3.72	3.21	2.67	2.18	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	1130	1460	1760	1760	1760	1760	1760	1760	1760	1760	1740	1760	1760	1760	1760	-	
	T_{out} [kgf·m]	115	149	179	179	179	179	179	179	179	179	177	179	179	179	179	-	
	Pro[N]	11300	12600	14300	15100	16100	16700	18100	19000	19900	21200	22100	22100	22100	22100	22100	-	
	Pro[kgf]	1150	1280	1460	1540	1640	1700	1850	1940	2030	2160	2250	2250	2250	2250	2250	-	
6165	P_i [kW]	23.8	22.5	20.6	17.4	15.1	13.3	10.8	9.07	7.82	6.48	5.28	4.45	3.84	3.19	2.55	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	1320	1670	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2050	-	
	T_{out} [kgf·m]	135	170	214	214	214	214	214	214	214	214	214	214	214	214	209	-	
	Pro[N]	11100	12400	14100	14900	15900	16500	17800	18800	19700	21000	22100	22100	22100	22100	21800	-	
	Pro[kgf]	1130	1260	1440	1520	1620	1680	1810	1920	2010	2140	2250	2250	2250	2250	2220	-	
6170	P_i [kW]	27.6	27.6	24.8	21.0	18.2	16.1	13.0	10.9	9.42	7.81	6.36	5.36	4.63	3.85	3.14	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	1530	2040	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	-	
	T_{out} [kgf·m]	156	208	258	258	258	258	258	258	258	258	258	258	258	258	258	-	
	Pro[N]	12700	13900	16000	16800	17700	18600	20300	21200	22400	23900	25600	26800	28200	29500	29500	-	
	Pro[kgf]	1290	1420	1630	1710	1800	1900	2070	2160	2280	2440	2610	2730	2870	3010	3010	-	
6175	P_i [kW]	30.1	30.1	30.1	26.2	22.3	20.0	16.2	13.6	11.7	9.72	7.91	6.67	5.77	4.79	3.91	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	1670	2230	3070	3150	3100	3150	3150	3150	3150	3150	3150	3150	3150	3150	3150	-	
	T_{out} [kgf·m]	170	227	313	321	316	321	321	321	321	321	321	321	321	321	321	-	
	Pro[N]	12600	13800	15600	16400	17300	18200	20000	20800	22100	23600	25200	26500	27900	29500	29500	-	
	Pro[kgf]	1280	1410	1590	1670	1760	1860	2040	2120	2250	2410	2570	2700	2840	3010	3010	-	
6180	P_i [kW]	-	-	35.2	33.7	29.2	25.8	20.8	17.5	15.1	12.5	10.2	8.58	7.42	6.16	5.04	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	3580	4060	4060	4060	4050	4050	4050	4050	4060	4050	4050	4050	4060	-	
	T_{out} [kgf·m]	-	-	365	414	414	414	413	413	413	413	414	413	413	413	414	-	
	Pro[N]	-	-	21400	22200	23400	24900	27100	28300	29700	31900	34300	35700	37400	39900	41700	-	
	Pro[kgf]	-	-	2180	2260	2390	2540	2760	2880	3030	3250	3500	3640	3810	4070	4250	-	
6185	P_i [kW]	-	-	39.0	39.0	29.8	28.3	25.7	21.6	18.6	15.4	12.6	10.6	9.15	6.87	6.21	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	3970	4690	4130	4450	5000	5000	5000	5000	5000	5000	5000	4510	5000	-	
	T_{out} [kgf·m]	-	-	405	478	421	454	510	510	510	510	510	510	510	460	510	-	
	Pro[N]	-	-	21200	21900	23400	24700	26700	27900	29300	31500	33900	35400	37100	39800	41700	-	
	Pro[kgf]	-	-	2160	2230	2390	2520	2720	2840	2990	3210	3460	3610	3780	4060	4250	-	
6190	P_i [kW]	-	-	41.0	41.0	41.0	40.5	32.8	27.6	23.8	19.7	16.0	13.5	11.7	9.71	7.92	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	4180	4930	5690	6380	6380	6380	6380	6380	6380	6380	6380	6380	6380	-	
	T_{out} [kgf·m]	-	-	426	503	580	650	650	650	650	650	650	650	650	650	650	-	
	Pro[N]	-	-	30300	31300	32700	34500	37600	39500	41600	44100	47700	49900	52400	55800	58900	-	
	Pro[kgf]	-	-	3090	3190	3330	3520	3830	4030	4240	4500	4860	5090	5340	5690	6000	-	
6195	P_i [kW]	-	-	48.1	48.1	48.1	48.1	40.9	34.4	29.6	24.6	20.0	16.9	14.6	12.1	9.88	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	4900	5790	6680	7570	7960	7960	7960	7960	7960	7960	7960	7960	7960	-	
	T_{out} [kgf·m]	-	-	499	590	681	772	811	811	811	811	811	811	811	811	811	-	
	Pro[N]	-	-	30000	31000	32300	34100	37100	39000	41200	43700	47200	49400	52000	55300	58400	-	
	Pro[kgf]	-	-	3060	3160	3290	3480	3780	3980	4200	4450	4810	5040	5300	5640	5950	-	
Frame Size	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	Dim. Page
	n_2 [r/min]	163	123	89.1	75.4	65.3	57.6	46.7	39.2	33.8	28.0	22.8	19.2	16.6	13.8	11.3	8.24	

Selection Tables 6000 Series Reducer

Single Reduction Ratio 6 ~ 119 Frame Size: 6205 ~ 6275

Input Speed	$n_1 = 980$ r/min	n_1 : Input Speed [r/min]	T_{out} : Allowable output torque [N·m, kgf·m]
		n_2 : Output Speed [r/min]	Pro: Allowable output shaft radial load [N, kgf]
		P : Allowable input power [kW]	*Consult us for Pro of CNF and CHF type.



Frame Size	n_2 [r/min]	163	123	89.1	75.4	65.3	57.6	46.7	39.2	33.8	28.0	22.8	19.2	16.6	13.8	11.3	8.24	Dim. Page
	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	
6205	P_1 [kW]	-	-	59.7	-	59.7	-	47.7	-	34.4	-	23.4	-	17.0	-	10.9	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	6080	-	8290	-	9270	-	9230	-	9300	-	9300	-	8760	-	
	T_{out} [kgf·m]	-	-	620	-	845	-	945	-	941	-	948	-	948	-	893	-	
	Pro [N]	-	-	57700	-	61800	-	69400	-	76000	-	84100	-	84100	-	84100	-	
6215	P_1 [kW]	-	-	75.3	-	75.3	-	64.3	-	47.1	-	31.8	-	23.2	-	14.0	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	7670	-	10500	-	12500	-	12700	-	12700	-	12700	-	11300	-	
	T_{out} [kgf·m]	-	-	782	-	1070	-	1270	-	1290	-	1290	-	1290	-	1150	-	
	Pro [N]	-	-	58000	-	62000	-	70100	-	76600	-	87100	-	95100	-	104000	-	
6225	P_1 [kW]	-	-	99.5	-	99.5	-	76.1	-	56.0	-	40.2	-	29.1	-	18.7	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	10100	-	13800	-	14800	-	15000	-	16000	-	15900	-	15100	-	
	T_{out} [kgf·m]	-	-	1030	-	1410	-	1510	-	1530	-	1630	-	1620	-	1540	-	
	Pro [N]	-	-	61000	-	65500	-	73700	-	80800	-	91700	-	100000	-	113000	-	
6235	P_1 [kW]	-	-	113	-	113	-	97.2	-	70.4	-	47.6	-	34.6	-	21.3	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	11500	-	15700	-	18900	-	18900	-	18900	-	18900	-	17200	-	
	T_{out} [kgf·m]	-	-	1170	-	1600	-	1930	-	1930	-	1930	-	1930	-	1750	-	
	Pro [N]	-	-	76700	-	81700	-	91900	-	101000	-	114000	-	125000	-	141000	-	
6245	P_1 [kW]	-	-	132	-	132	-	120	-	94.2	-	64.8	-	47.2	-	28.1	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	13400	-	18300	-	23300	-	25300	-	25800	-	25800	-	22600	-	
	T_{out} [kgf·m]	-	-	1370	-	1870	-	2380	-	2580	-	2630	-	2630	-	2300	-	
	Pro [N]	-	-	85200	-	91100	-	102000	-	112000	-	126000	-	138000	-	157000	-	
6255	P_1 [kW]	-	-	151	-	151	-	151	-	118	-	77.9	-	56.8	-	38.5	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	15300	-	20900	-	29300	-	31800	-	31000	-	31000	-	31000	-	
	T_{out} [kgf·m]	-	-	1560	-	2130	-	2990	-	3240	-	3160	-	3160	-	3160	-	
	Pro [N]	-	-	104000	-	112000	-	124000	-	137000	-	155000	-	170000	-	192000	-	
6265	P_1 [kW]	-	-	175	-	175	-	172	-	159	-	113	-	84.2	-	53.4	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	17800	-	24300	-	33400	-	42700	-	45000	-	46000	-	43000	-	
	T_{out} [kgf·m]	-	-	1810	-	2480	-	3400	-	4350	-	4590	-	4690	-	4380	-	
	Pro [N]	-	-	128000	-	137000	-	152000	-	168000	-	189000	-	207000	-	234000	-	
6275	P_1 [kW]	-	-	-	-	-	-	-	-	159	-	151	-	125	-	53.4	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	-	-	-	-	-	-	42700	-	60000	-	68200	-	43000	-	
	T_{out} [kgf·m]	-	-	-	-	-	-	-	-	4350	-	6120	-	6950	-	4380	-	
	Pro [N]	-	-	-	-	-	-	-	-	196000	-	248000	-	248000	-	219000	-	
Frame Size	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	Dim. Page
	n_2 [r/min]	163	123	89.1	75.4	65.3	57.6	46.7	39.2	33.8	28.0	22.8	19.2	16.6	13.8	11.3	8.24	

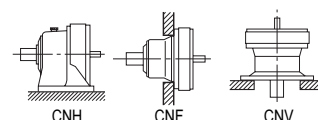
Note: 1. Allowable radial load Pro is the value at the midpoint of the output shaft. Refer to pages F-11~12 when radial load is off the midpoint of output shaft and for checking thrust load.

2. Refer to pages F-15~16 for allowable radial load for input shaft.

Selection Tables 6000 Series Reducer

Single Reduction Ratio 6 ~ 119 Frame Size: 6060 ~ 6120

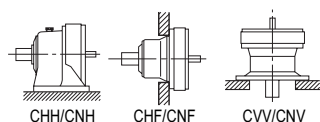
Input Speed	$n_1 = 1165$ r/min	n_1 : Input Speed [r/min]										T_{out} : Allowable output torque [N·m, kgf·m]									
		n_2 : Output Speed [r/min]										Pro: Allowable output shaft radial load [N, kgf]									
		P : Allowable input power [kW]										*Consult us for Pro of CNF and CHF type.									



Frame Size	n_2 [r/min]	194	146	106	89.6	77.7	68.5	55.5	46.6	40.2	33.3	27.1	22.8	19.7	16.4	13.4	9.79	Dim. Page		
	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119			
6060	P_i [kW]	0.200	0.200	0.200	0.200	0.200	0.181	0.147	0.110	0.106	0.088	0.072	-	-	-	-	-	-	CNH C-71	
	T_{OUT} [N·m]	9.35	12.5	17.1	20.2	23.4	24.0	24.0	21.4	24.0	24.0	24.0	-	-	-	-	-	-	CNF C-76	
	T_{OUT} [kgf·m]	0.953	1.27	1.74	2.06	2.39	2.45	2.45	2.18	2.45	2.45	2.45	-	-	-	-	-	-	CNV C-82	
	Pro[N]	857	978	1180	1180	1180	1180	1180	1180	1180	1180	1180	-	-	-	-	-	-		
	Pro[kgf]	87.4	100	120	120	120	120	120	120	120	120	120	-	-	-	-	-	-		
6065	P_i [kW]	0.286	0.286	0.286	0.286	0.257	0.227	0.183	0.154	0.133	0.110	0.090	-	-	-	-	-	-	CNH C-71	
	T_{OUT} [N·m]	13.4	17.8	24.5	29.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	-	-	-	-	-	-	CNF C-76	
	T_{OUT} [kgf·m]	1.37	1.81	2.50	2.96	3.06	3.06	3.06	3.06	3.06	3.06	3.06	-	-	-	-	-	-	CNV C-82	
	Pro[N]	850	968	1180	1180	1180	1180	1180	1180	1180	1180	1180	-	-	-	-	-	-		
	Pro[kgf]	86.6	98.7	120	120	120	120	120	120	120	120	120	-	-	-	-	-	-		
6070	P_i [kW]	0.347	0.347	0.347	0.347	0.347	0.340	0.275	0.230	0.199	0.165	0.134	0.100	0.098	-	-	-	-	CNH C-71	
	T_{OUT} [N·m]	16.2	21.6	29.7	35.1	40.5	45.0	45.0	44.7	45.0	45.0	45.0	39.7	45.0	-	-	-	-	CNF C-76	
	T_{OUT} [kgf·m]	1.65	2.20	3.03	3.58	4.13	4.59	4.59	4.56	4.59	4.59	4.59	4.05	4.59	-	-	-	-	CNV C-82	
	Pro[N]	1470	1620	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770	-	-	-		
	Pro[kgf]	150	165	180	180	180	180	180	180	180	180	180	180	180	-	-	-	-		
6075	P_i [kW]	0.407	0.407	0.407	0.407	0.407	0.407	0.367	0.280	0.264	0.220	0.179	0.136	0.115	-	-	-	-	CNH C-71	
	T_{OUT} [N·m]	19.0	25.3	34.9	41.2	47.5	53.9	60.0	54.6	59.6	60.0	60.0	54.2	52.9	-	-	-	-	CNF C-76	
	T_{OUT} [kgf·m]	1.94	2.58	3.56	4.20	4.84	5.49	6.12	5.57	6.08	6.12	6.12	5.52	5.39	-	-	-	-	CNV C-82	
	Pro[N]	1470	1610	1770	1770	1770	1770	1770	1770	1770	1770	1770	1660	1630	1660	-	-	-		
	Pro[kgf]	150	164	180	180	180	180	180	180	180	180	170	169	166	169	-	-	-		
6080	P_i [kW]	0.592	0.592	0.592	0.592	0.592	0.592	0.472	0.340	0.340	0.294	0.239	0.192	0.174	0.120	0.090	-	-	CNH C-71	
	T_{OUT} [N·m]	27.7	36.9	50.7	60.0	69.2	78.4	77.2	66.2	76.8	80.0	80.0	76.3	80.0	66.3	61.0	-	-	CNF C-76	
	T_{OUT} [kgf·m]	2.82	3.76	5.17	6.12	7.05	7.99	7.87	6.75	7.83	8.15	8.15	7.78	8.15	6.76	6.22	-	-	CNV C-82	
	Pro[N]	2050	2210	2430	2560	2560	2560	2560	2560	2530	2560	2560	2540	2510	2510	2560	2560	-	-	
	Pro[kgf]	209	225	248	261	261	261	261	261	258	261	259	256	256	261	261	-	-		
6085	P_i [kW]	0.778	0.778	0.778	0.778	0.778	0.755	0.472	0.475	0.443	0.356	0.294	0.241	0.218	0.181	0.121	-	-	CNH C-71	
	T_{OUT} [N·m]	36.3	48.5	66.6	78.7	90.8	100	77.2	92.4	100	97.1	98.4	95.8	100	100	82.1	-	-	CNF C-76	
	T_{OUT} [kgf·m]	3.70	4.94	6.79	8.02	9.26	10.2	7.87	9.42	10.2	9.90	10.0	9.77	10.2	10.2	8.37	-	-	CNV C-82	
	Pro[N]	2030	2190	2400	2560	2560	2560	2560	2450	2300	2460	2360	2330	2310	2260	2430	-	-		
	Pro[kgf]	207	223	245	261	261	261	261	250	234	251	241	238	235	230	248	-	-		
6090	P_i [kW]	1.15	1.15	1.15	1.15	1.15	1.13	0.758	0.671	0.625	0.550	0.435	0.332	0.298	0.239	0.211	0.117	-	CNH C-71	
	T_{OUT} [N·m]	53.6	71.4	98.2	116	134	150	124	131	141	150	146	132	137	132	143	108	-	CNF C-76	
	T_{OUT} [kgf·m]	5.46	7.28	10.0	11.8	13.7	15.3	12.6	13.4	14.4	15.3	14.9	13.5	14.0	13.5	14.6	11.0	-	CNV C-82	
	Pro[N]	3010	3340	3340	3340	3340	3340	3340	3320	3310	3300	3320	3320	3320	3310	3330	3310	-	-	
	Pro[kgf]	307	340	340	340	340	340	340	338	337	336	338	338	338	337	339	337	-	-	
6095	P_i [kW]	1.52	1.52	1.52	1.52	1.52	1.51	1.22	0.850	0.784	0.696	0.537	0.361	0.298	0.239	0.223	0.117	-	CNH C-71	
	T_{OUT} [N·m]	70.8	94.4	130	153	177	200	200	166	177	190	180	143	137	132	151	108	-	CNF C-76	
	T_{OUT} [kgf·m]	7.22	9.62	13.3	15.6	18.0	20.4	20.4	16.9	18.0	19.4	18.3	14.6	14.0	13.5	15.4	11.0	-	CNV C-82	
	Pro[N]	2980	3290	3340	3340	3340	3340	3340	3250	3240	3220	3260	3290	3320	3310	3310	3310	-	-	
	Pro[kgf]	304	335	340	340	340	340	340	331	330	328	332	335	338	337	337	337	-	-	
6100	P_i [kW]	2.35	2.35	2.35	2.35	2.14	1.89	1.53	1.27	1.11	0.917	0.747	0.560	0.516	0.436	0.369	0.210	-	CNH C-71	
	T_{OUT} [N·m]	110	146	201	238	250	250	250	247	250	250	250	222	237	241	250	195	-	CNF C-76	
	T_{OUT} [kgf·m]	11.2	14.9	20.5	24.3	25.5	25.5	25.5	25.2	25.5	25.5	25.5	22.6	24.2	24.6	25.5	19.9	-	CNV C-82	
	Pro[N]	4380	4870	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5390	5400	5390	-	-	
	Pro[kgf]	446	496	550	550	550	550	550	550	550	550	550	550	550	549	550	549	-	-	
6105	P_i [kW]	3.18	3.18	3.18	2.96	2.57	2.27	1.83	1.54	1.33	1.10	0.896	0.699	0.603	0.448	0.425	0.262	-	CNH C-71	
	T_{OUT} [N·m]	149	198	272	300	300	300	300	300	300	300	300	278	277	248	288	243	-	CNF C-76	
	T_{OUT} [kgf·m]	15.2	20.2	27.7	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	28.3	28.2	25.3	29.4	24.8	-	CNV C-82	
	Pro[N]	4320	4800	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5380	5090	5360	-	-	
	Pro[kgf]	440	489	550	550	550	550	550	550	550	550	550	550	550	548	519	546	-	-	
6110	P_i [kW]	3.55	3.55	3.55	3.55	3.08	2.72	2.20	1.85	1.59	1.32	1.08	0.906	0.784	0.651	0.531	-	-	CNH C-71	
	T_{OUT} [N·m]	166	221	304	359	360	360	360	360	360	360	360	360	360	360	360	-	-	CNF C-76	
	T_{OUT} [kgf·m]	16.9	22.5	31.0	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	-	-	CNV C-82	
	Pro[N]	4910	5450	6180	6370	6830	6930	7390	7340	7200	7280	7590	7590	7610	7580	7600	-	-		
	Pro[kgf]	501	556	630	649	696	706	753	748	734	742	774	774	776	773	775	-	-		
6115	P_i [kW]	3.92	3.92	3.92	3.90	3.60	3.17	2.57	2.16	1.86	1.54	1.25	1.06	0.914	0.758	0.620	-	-	CNH C-71	
	T_{OUT} [N·m]	183	244	336	395	420	420	420	420	420	420	420	420	420	419	420	-	-	CNF C-76	
	T_{OUT} [kgf·m]	18.7	24.9	34.3	40.3	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.7	42.8	-	-	CNV C-82	
	Pro[N]	4890	5420	6150	6330	6760	6870	7320	7150	7010	7090	7370	7410	7430	7420	7410	-	-		
	Pro[kgf]	498	552	627	645	689	700	746	729	715	723	751	755	757	756	755	-	-		
6120	P_i [kW]	5.07	5.07	5.07	5.07	4.49	3.93	3.19	2.70	2.30	1.93	1.57	1.32	1.14	0.950	0.775	-	-	CNH C-71	
	T_{OUT} [N·m]	237	316	434	513	525	520	522	525	520	525	525	525	525	525	525	-	-	CNF C-76	
	T_{OUT} [kgf·m]	24.2	32.2	44.2	52.3	53.5	53.0	53.2	53.5	53.0	53.5	53.5	53.5	53.5	53.5	53.5	-	-	CNV C-82	
	Pro[N]	5510	6130	6910	7100	7670	7790	8610	9070	9470	9810	9810	9810	9810	9810	9780	-	-		
	Pro[kgf]	562	625	704	724	782	794	878	925	965	1000	1000	1000	1000	1000	997	-	-		
Frame Size	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	Dim. Page		
	n_2 [r/min]	194	146	106																

Selection Tables 6000 Series Reducer

Single Reduction Ratio 6 ~ 119 Frame Size: 6125 ~ 6195



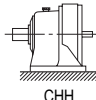
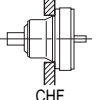
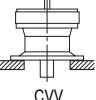
n_1 : Input Speed [r/min] T_{out} : Allowable output torque [N·m, kgf·m]
 n_2 : Output Speed [r/min] Pro: Allowable output shaft radial load [N, kgf]
 P : Allowable input power [kW] *Consult us for Pro of CNF and CHF type.

Input Speed $n_1 = 1165$ r/min

Frame Size	n_2 [r/min]	194	146	106	89.6	77.7	68.5	55.5	46.6	40.2	33.3	27.1	22.8	19.7	16.4	13.4	9.79	Dim. Page
	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	
6125	P_i [kW]	6.96	6.82	5.91	5.34	5.39	4.76	3.85	3.24	2.79	2.31	1.88	1.59	1.37	0.963	0.868	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	325	425	506	540	630	630	630	630	630	630	630	630	630	532	588	-	
	T_{out} [kgf·m]	33.1	43.3	51.6	55.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	54.2	59.9	-	
	Pro[N]	5420	6010	6840	7080	7560	7690	8510	8980	9380	9810	9810	9810	9810	9810	9650	-	
	Pro[kgf]	552	613	697	722	771	784	867	915	956	1000	1000	1000	1000	1000	984	-	
6130	P_i [kW]	9.39	9.39	9.11	7.70	6.68	5.89	4.77	4.01	3.45	2.86	2.33	2.07	1.79	1.49	1.21	-	CHH C-72 CHF C-77 CVV C-83
	T_{out} [N·m]	439	585	780	780	780	780	780	780	780	780	780	821	821	821	821	-	
	T_{out} [kgf·m]	44.8	59.6	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	83.7	83.7	83.7	83.7	-	
	Pro[N]	6290	6980	7940	8360	8580	9260	9960	10400	11000	11600	12600	13100	13800	14700	14700	-	
	Pro[kgf]	641	712	809	852	875	944	1020	1060	1120	1180	1280	1340	1410	1500	1500	-	
6135	P_i [kW]	11.3	10.5	10.7	8.65	8.05	7.10	5.69	4.62	4.13	3.45	2.81	2.16	2.06	1.71	1.40	-	CHH C-72 CHF C-77 CVV C-83
	T_{out} [N·m]	528	654	916	876	940	940	930	900	933	940	940	856	948	948	948	-	
	T_{out} [kgf·m]	53.8	66.7	93.4	89.3	95.8	95.8	94.8	91.7	95.1	95.8	95.8	87.3	96.6	96.6	96.6	-	
	Pro[N]	6190	6910	7820	8280	8460	9140	9840	10300	10900	11500	12400	13100	13700	14600	14700	-	
	Pro[kgf]	631	704	797	844	862	932	1000	1050	1110	1170	1260	1340	1400	1490	1500	-	
6140	P_i [kW]	13.0	13.0	13.0	12.1	10.5	9.25	7.49	6.29	5.42	4.49	3.66	3.08	2.67	2.22	1.81	-	CHH C-72 CHF C-77 CVV C-83
	T_{out} [N·m]	609	811	1120	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	-	
	T_{out} [kgf·m]	62.1	82.7	114	125	125	125	125	125	125	125	125	125	125	125	125	-	
	Pro[N]	9820	10900	12200	12400	13100	13700	14700	15400	15800	16000	16000	16000	16000	16000	16000	-	
	Pro[kgf]	1000	1110	1240	1260	1340	1400	1500	1570	1610	1630	1630	1630	1630	1630	1630	-	
6145	P_i [kW]	13.9	13.3	13.8	13.5	11.6	10.3	8.02	7.04	6.07	5.03	3.95	3.13	2.69	2.22	1.83	-	CHH C-72 CHF C-77 CVV C-83
	T_{out} [N·m]	651	828	1180	1360	1360	1370	1310	1370	1370	1370	1320	1240	1240	1230	1240	-	
	T_{out} [kgf·m]	66.4	84.4	120	139	139	140	134	140	140	140	135	126	126	125	126	-	
	Pro[N]	9800	10900	12100	12400	13000	13600	14600	15400	15700	16000	15900	16000	16000	16000	16000	-	
	Pro[kgf]	999	1110	1230	1260	1330	1390	1490	1570	1600	1630	1620	1630	1630	1630	1630	-	
6160	P_i [kW]	20.3	19.7	19.7	17.3	15.0	13.1	10.7	9.01	7.77	6.44	5.18	4.42	3.82	3.17	2.59	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	948	1230	1690	1760	1760	1730	1760	1760	1760	1760	1740	1760	1760	1760	1760	-	
	T_{out} [kgf·m]	96.6	125	172	179	179	176	179	179	179	179	177	179	179	179	179	-	
	Pro[N]	10800	12000	13500	14200	15100	15700	17000	17900	18700	20000	21500	22100	22100	22100	22100	-	
	Pro[kgf]	1100	1220	1380	1450	1540	1600	1730	1820	1910	2040	2190	2250	2250	2250	2250	-	
6165	P_i [kW]	24.1	24.1	24.1	20.7	18.0	15.9	12.8	10.8	9.30	7.70	6.27	5.29	4.57	3.80	3.03	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	1120	1500	2060	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2050	-	
	T_{out} [kgf·m]	114	153	210	214	214	214	214	214	214	214	214	214	214	214	209	-	
	Pro[N]	10600	11800	13200	14000	14900	15500	16800	17700	18500	19800	21200	22100	22100	22100	21800	-	
	Pro[kgf]	1080	1200	1350	1430	1520	1580	1710	1800	1890	2020	2160	2250	2250	2250	2250	-	
6170	P_i [kW]	27.6	27.6	27.6	25.0	21.7	19.1	15.5	13.0	11.2	9.28	7.56	6.37	5.51	4.58	3.73	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	1290	1720	2360	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	-	
	T_{out} [kgf·m]	131	175	241	258	258	258	258	258	258	258	258	258	258	258	258	-	
	Pro[N]	12100	13300	15100	15800	16600	17400	19100	19900	21100	22500	24100	25200	26500	28200	29500	-	
	Pro[kgf]	1230	1360	1540	1610	1690	1770	1950	2030	2150	2290	2460	2570	2700	2870	3010	-	
6175	P_i [kW]	30.1	30.1	30.1	30.1	25.4	23.8	19.3	16.2	13.9	11.6	9.41	7.93	6.86	5.70	4.65	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	1410	1880	2580	3050	2970	3150	3150	3150	3150	3150	3150	3150	3150	3150	3150	-	
	T_{out} [kgf·m]	144	192	263	311	303	321	321	321	321	321	321	321	321	321	321	-	
	Pro[N]	12000	13200	14900	15400	16300	17000	18700	19600	20700	22100	23700	24900	26200	27900	29500	-	
	Pro[kgf]	1220	1350	1520	1570	1660	1730	1910	2000	2110	2250	2420	2540	2670	2840	3010	-	
6180	P_i [kW]	-	-	35.2	35.2	32.4	30.6	24.8	20.8	17.9	14.9	12.1	10.2	8.82	7.33	5.99	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	3020	3560	3780	4050	4050	4050	4050	4050	4060	4050	4050	4050	4060	-	
	T_{out} [kgf·m]	-	-	308	363	385	413	413	413	413	413	414	413	413	413	414	-	
	Pro[N]	-	-	20300	21000	22100	23400	25500	26600	27900	30000	32300	33600	35300	37600	40600	-	
	Pro[kgf]	-	-	2070	2140	2250	2390	2600	2710	2840	3060	3290	3430	3600	3830	4140	-	
6185	P_i [kW]	-	-	39.0	39.0	34.0	32.3	30.6	25.7	22.1	18.3	14.9	12.6	10.9	8.16	7.38	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	3340	3950	3970	4280	5000	5000	5000	5000	5000	5000	5000	4510	5000	-	
	T_{out} [kgf·m]	-	-	340	403	405	436	510	510	510	510	510	510	510	460	510	-	
	Pro[N]	-	-	20200	20900	22000	23300	25100	26200	27600	29700	31900	33300	34900	37400	40300	-	
	Pro[kgf]	-	-	2060	2130	2240	2380	2560	2670	2810	3030	3250	3390	3560	3810	4110	-	
6190	P_i [kW]	-	-	41.0	41.0	41.0	41.0	39.0	32.8	28.3	23.4	18.8	16.1	13.9	11.5	9.42	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	3510	4150	4790	5430	6380	6380	6380	6380	6310	6380	6380	6380	6380	-	
	T_{out} [kgf·m]	-	-	358	423	488	554	650	650	650	650	643	650	650	650	650	-	
	Pro[N]	-	-	28700	29700	31100	32800	35400	37200	39200	41600	44900	47000	49400	52500	56800	-	
	Pro[kgf]	-	-	2930	3030	3170	3340	3610	3790	4000	4240	4580	4790	5040	5350	5790	-	
6195	P_i [kW]	-	-	48.1	48.1	48.1	48.1	48.1	40.5	35.2	29.2	23.0	20.0	17.3	14.4	11.7	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	4120	4870	5620	6370	7870	7880	7960	7960	7690	7960	7960	7960	7960	-	
	T_{out} [kgf·m]	-	-	420	496	573	649	802	803	811	811	784	811	811	811	811	-	
	Pro[N]	-	-	28500	29500	30800	32400	34900	36700	38700	41100	44500	46500	49000	52100	56300	-	
	Pro[kgf]	-	-	2910	3010	3140	3300	3560	3740	3940	4190	4540	4740	4990	5310	5740	-	
Frame Size	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	Dim. Page

Selection Tables 6000 Series Reducer

Single Reduction Ratio 6 ~ 119 Frame Size: 6205 ~ 6275

Input Speed		$n_1 = 1165$ r/min		n_1 : Input Speed [r/min] n_2 : Output Speed [r/min] P_i : Allowable input power [kW]										T_{out} : Allowable output torque [N·m, kgf·m] Pro: Allowable output shaft radial load [N, kgf] *Consult us for Pro of CNF and CHF type.								
Frame Size	n_2 [r/min] Ratio[Z]	194	146	106	89.6	77.7	68.5	55.5	46.6	40.2	33.3	27.1	22.8	19.7	16.4	13.4	9.79	Dim. Page				
6205	P_i [kW]	-	-	59.7	-	59.7	-	54.7	-	39.6	-	27.8	-	19.5	-	12.9	-	CHH C-72				
	T_{out} [N·m]	-	-	5110	-	6970	-	8950	-	8950	-	9300	-	8950	-	8760	-	CHF C-77				
	T_{out} [kgf·m]	-	-	521	-	710	-	912	-	912	-	948	-	912	-	893	-	CVW C-84				
	Pro[N]	-	-	55000	-	58900	-	65800	-	72100	-	81600	-	84100	-	84100	-					
	Pro[kgf]	-	-	5610	-	6000	-	6710	-	7350	-	8320	-	8570	-	8570	-					
6215	P_i [kW]	-	-	75.3	-	75.3	-	75.3	-	56.0	-	37.8	-	27.5	-	16.6	-	CHH C-72				
	T_{out} [N·m]	-	-	6450	-	8800	-	12300	-	12700	-	12700	-	12700	-	11300	-	CHF C-77				
	T_{out} [kgf·m]	-	-	657	-	897	-	1250	-	1290	-	1290	-	1290	-	1150	-	CVW C-84				
	Pro[N]	-	-	55300	-	59200	-	66400	-	72600	-	82500	-	90100	-	102000	-					
	Pro[kgf]	-	-	5640	-	6030	-	6770	-	7400	-	8410	-	9180	-	10400	-					
6225	P_i [kW]	-	-	99.5	-	99.5	-	90.5	-	66.6	-	47.8	-	33.3	-	22.2	-	CHH C-72				
	T_{out} [N·m]	-	-	8520	-	11600	-	14800	-	15000	-	16000	-	15300	-	15100	-	CHF C-77				
	T_{out} [kgf·m]	-	-	869	-	1180	-	1510	-	1530	-	1630	-	1560	-	1540	-	CVW C-84				
	Pro[N]	-	-	58200	-	62600	-	69800	-	76500	-	86800	-	95000	-	107000	-					
	Pro[kgf]	-	-	5930	-	6380	-	7120	-	7800	-	8850	-	9680	-	10900	-					
6235	P_i [kW]	-	-	113	-	113	-	97.5	-	75.3	-	54.3	-	37.7	-	24.0	-	CHH C-72				
	T_{out} [N·m]	-	-	9680	-	13200	-	15900	-	17000	-	18200	-	17300	-	16200	-	CHF C-77				
	T_{out} [kgf·m]	-	-	987	-	1350	-	1620	-	1730	-	1860	-	1760	-	1650	-	CVW C-84				
	Pro[N]	-	-	73100	-	77900	-	87700	-	96000	-	108000	-	119000	-	134000	-					
	Pro[kgf]	-	-	7450	-	7940	-	8940	-	9790	-	11000	-	12100	-	13700	-					
6245	P_i [kW]	-	-	132	-	132	-	120	-	94.2	-	75.3	-	56.2	-	32.1	-	CHH C-72				
	T_{out} [N·m]	-	-	11300	-	15400	-	19600	-	21300	-	25200	-	25800	-	21700	-	CHF C-77				
	T_{out} [kgf·m]	-	-	1150	-	1570	-	2000	-	2170	-	2570	-	2630	-	2210	-	CVW C-84				
	Pro[N]	-	-	81200	-	86900	-	97100	-	107000	-	120000	-	131000	-	149000	-					
	Pro[kgf]	-	-	8280	-	8860	-	9900	-	10900	-	12200	-	13400	-	15200	-					
6255	P_i [kW]	-	-	151	-	151	-	151	-	118	-	88.9	-	64.8	-	42.9	-	CHH C-72				
	T_{out} [N·m]	-	-	12900	-	17600	-	24600	-	26700	-	29800	-	29800	-	29000	-	CHF C-77				
	T_{out} [kgf·m]	-	-	1310	-	1790	-	2510	-	2720	-	3040	-	3040	-	2960	-	CVW C-84				
	Pro[N]	-	-	99600	-	107000	-	118000	-	131000	-	147000	-	161000	-	182000	-					
	Pro[kgf]	-	-	10200	-	10900	-	12000	-	13400	-	15000	-	16400	-	18600	-					
6265	P_i [kW]	-	-	175	-	175	-	172	-	159	-	113	-	94.2	-	53.4	-	CHH C-72				
	T_{out} [N·m]	-	-	15000	-	20400	-	28100	-	35900	-	37800	-	43300	-	36200	-	CHF C-77				
	T_{out} [kgf·m]	-	-	1530	-	2080	-	2860	-	3660	-	3850	-	4410	-	3690	-	CVW C-84				
	Pro[N]	-	-	122000	-	130000	-	145000	-	160000	-	180000	-	197000	-	222000	-					
	Pro[kgf]	-	-	12400	-	13300	-	14800	-	16300	-	18300	-	20100	-	22600	-					
6275	P_i [kW]	-	-	-	-	-	-	-	-	159	-	151	-	132	-	53.4	-	CHH C-72				
	T_{out} [N·m]	-	-	-	-	-	-	-	-	35900	-	50500	-	60600	-	36200	-	CHF C-77				
	T_{out} [kgf·m]	-	-	-	-	-	-	-	-	3660	-	5150	-	6180	-	3690	-	CVW C-84				
	Pro[N]	-	-	-	-	-	-	-	-	186000	-	248000	-	247000	-	208000	-					
	Pro[kgf]	-	-	-	-	-	-	-	-	19000	-	25300	-	25200	-	21200	-					
Frame Size	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	Dim. Page				
	n_2 [r/min]	194	146	106	89.6	77.7	68.5	55.5	46.6	40.2	33.3	27.1	22.8	19.7	16.4	13.4	9.79					

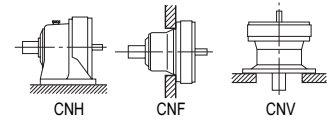
Note: 1. Allowable radial load Pro is the value at the midpoint of the output shaft. Refer to pages F-11~12 when radial load is off the midpoint of output shaft and for checking thrust load.

2. Refer to pages F-15~16 for allowable radial load for input shaft.

Selection Tables 6000 Series Reducer

Single Reduction Ratio 6 ~ 119 Frame Size: 6060 ~ 6120

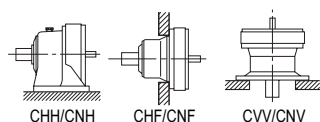
Input Speed	$n_1 = 1450$ r/min	n_1 : Input Speed [r/min]										T_{out} : Allowable output torque [N·m, kgf·m]									
		n_2 : Output Speed [r/min]										Pro: Allowable output shaft radial load [N, kgf]									
		P : Allowable input power [kW]										*Consult us for Pro of CNF and CHF type.									



Frame Size	n_2 [r/min]	242	181	132	112	96.7	85.3	69.0	58.0	50.0	41.4	33.7	28.4	24.6	20.4	16.7	12.2	Dim. Page
	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	
6060	P_i [kW]	0.200	0.200	0.200	0.200	0.200	0.200	0.183	0.110	0.110	0.110	0.089	-	-	-	-	-	CNH C-71 CNF C-76 CNV C-82
	T_{OUT} [N·m]	7.51	10.0	13.8	16.3	18.8	21.3	24.0	17.2	20.0	24.0	24.0	-	-	-	-	-	
	T_{OUT} [kgf·m]	0.766	1.02	1.41	1.66	1.92	2.17	2.45	1.75	2.04	2.45	2.45	-	-	-	-	-	
	Pro[N]	798	912	1180	1180	1180	1180	1180	1180	1180	1180	1180	-	-	-	-	-	
	Pro[kgf]	81.3	93	120	120	120	120	120	120	120	120	120	-	-	-	-	-	
6065	P_i [kW]	0.286	0.286	0.286	0.286	0.286	0.282	0.228	0.166	0.165	0.137	0.112	-	-	-	-	-	CNH C-71 CNF C-76 CNV C-82
	T_{OUT} [N·m]	10.7	14.3	19.7	23.3	26.9	30.0	30.0	25.9	30.0	30.0	30.0	-	-	-	-	-	
	T_{OUT} [kgf·m]	1.09	1.46	2.01	2.38	2.74	3.06	3.06	2.64	3.06	3.06	3.06	-	-	-	-	-	
	Pro[N]	793	904	1180	1180	1180	1180	1180	1180	1180	1180	1180	-	-	-	-	-	
	Pro[kgf]	80.8	92.2	120	120	120	120	120	120	120	120	120	-	-	-	-	-	
6070	P_i [kW]	0.347	0.347	0.347	0.347	0.347	0.347	0.320	0.230	0.226	0.205	0.167	0.100	0.100	-	-	-	CNH C-71 CNF C-76 CNV C-82
	T_{OUT} [N·m]	13.0	17.3	23.9	28.2	32.5	36.9	42.1	35.9	41.0	45.0	45.0	31.9	36.9	-	-	-	
	T_{OUT} [kgf·m]	1.33	1.76	2.44	2.87	3.31	3.76	4.29	3.66	4.18	4.59	4.59	3.25	3.76	-	-	-	
	Pro[N]	1380	1520	1690	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770	-	-	-	
	Pro[kgf]	141	155	172	180	180	180	180	180	180	180	180	180	180	-	-	-	
6075	P_i [kW]	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.294	0.286	0.272	0.223	0.143	0.136	-	-	-	CNH C-71 CNF C-76 CNV C-82
	T_{OUT} [N·m]	15.3	20.4	28.0	33.1	38.2	43.3	53.5	46.0	52.0	59.6	60.0	45.7	50.1	-	-	-	
	T_{OUT} [kgf·m]	1.56	2.08	2.85	3.37	3.89	4.41	5.45	4.69	5.30	6.08	6.12	4.66	5.11	-	-	-	
	Pro[N]	1370	1510	1680	1770	1770	1770	1770	1770	1770	1770	1660	1750	1700	-	-	-	
	Pro[kgf]	140	154	171	180	180	180	180	180	180	180	169	178	173	-	-	-	
6080	P_i [kW]	0.592	0.592	0.592	0.592	0.592	0.592	0.478	0.340	0.340	0.340	0.250	0.192	0.185	0.120	0.090	-	CNH C-71 CNF C-76 CNV C-82
	T_{OUT} [N·m]	22.2	29.6	40.8	48.2	55.6	63.0	62.9	53.2	61.7	74.5	67.3	61.3	68.1	53.3	49.0	-	
	T_{OUT} [kgf·m]	2.26	3.02	4.16	4.91	5.67	6.42	6.41	5.42	6.29	7.59	6.86	6.25	6.94	5.43	4.99	-	
	Pro[N]	1910	2060	2270	2440	2510	2560	2560	2560	2560	2560	2560	2560	2560	2560	2560	-	
	Pro[kgf]	195	210	231	249	256	261	261	261	261	261	261	261	261	261	261	-	
6085	P_i [kW]	0.778	0.778	0.778	0.778	0.778	0.778	0.550	0.475	0.467	0.412	0.294	0.241	0.234	0.202	0.121	-	CNH C-71 CNF C-76 CNV C-82
	T_{OUT} [N·m]	29.2	38.9	53.5	63.3	73.0	82.7	72.3	74.3	84.8	90.2	79.1	76.9	86.2	89.7	66.0	-	
	T_{OUT} [kgf·m]	2.98	3.97	5.45	6.45	7.44	8.43	7.37	7.57	8.64	9.19	8.06	7.84	8.79	9.14	6.73	-	
	Pro[N]	1900	2050	2250	2410	2480	2560	2560	2560	2460	2530	2550	2510	2450	2370	2560	-	
	Pro[kgf]	194	209	229	246	253	261	261	261	251	258	260	256	250	242	261	-	
6090	P_i [kW]	1.15	1.15	1.15	1.15	1.15	1.15	0.758	0.671	0.625	0.612	0.435	0.332	0.309	0.252	0.211	0.125	CNH C-71 CNF C-76 CNV C-82
	T_{OUT} [N·m]	43.0	57.4	78.9	93.2	108	122	99.5	105	113	134	117	106	114	112	115	93.1	
	T_{OUT} [kgf·m]	4.38	5.85	8.04	9.50	11.0	12.4	10.1	10.7	11.5	13.7	11.9	10.8	11.6	11.4	11.7	9.49	
	Pro[N]	2810	3120	3340	3340	3340	3340	3340	3340	3340	3330	3340	3340	3340	3340	3340	3340	
	Pro[kgf]	286	318	340	340	340	340	340	340	340	339	340	340	340	340	340	340	
6095	P_i [kW]	1.52	1.52	1.52	1.52	1.52	1.52	1.51	0.866	0.784	0.758	0.603	0.407	0.336	0.278	0.263	0.145	CNH C-71 CNF C-76 CNV C-82
	T_{OUT} [N·m]	56.9	75.8	104	123	142	161	198	136	142	166	162	130	124	124	143	108	
	T_{OUT} [kgf·m]	5.80	7.73	10.6	12.5	14.5	16.4	20.2	13.9	14.5	16.9	16.5	13.3	12.6	12.6	14.6	11.0	
	Pro[N]	2780	3080	3340	3340	3340	3340	3340	3310	3310	3270	3290	3320	3340	3330	3330	3310	
	Pro[kgf]	283	314	340	340	340	340	340	340	337	337	333	335	338	340	339	337	
6100	P_i [kW]	2.35	2.35	2.35	2.35	2.35	1.99	1.90	1.27	1.21	0.975	0.780	0.560	0.516	0.436	0.433	0.210	CNH C-71 CNF C-76 CNV C-82
	T_{OUT} [N·m]	88.1	117	162	191	220	211	250	199	220	214	210	179	190	194	236	156	
	T_{OUT} [kgf·m]	8.98	11.9	16.5	19.5	22.4	21.5	25.5	20.3	22.4	21.8	21.4	18.2	19.4	19.8	24.1	15.9	
	Pro[N]	4090	4550	5150	5350	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	
	Pro[kgf]	417	464	525	545	550	550	550	550	550	550	550	550	550	550	550	550	
6105	P_i [kW]	3.18	3.18	3.18	3.18	3.18	2.46	2.28	1.67	1.59	1.20	1.08	0.776	0.681	0.506	0.503	0.286	CNH C-71 CNF C-76 CNV C-82
	T_{OUT} [N·m]	119	159	219	259	298	261	300	262	288	262	292	248	251	225	274	213	
	T_{OUT} [kgf·m]	12.1	16.2	22.3	26.4	30.4	26.6	30.6	26.7	29.4	26.7	29.8	25.3	25.6	22.9	27.9	21.7	
	Pro[N]	4050	4490	5080	5270	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5380	
	Pro[kgf]	413	458	518	537	550	550	550	550	550	550	550	550	550	550	550	548	
6110	P_i [kW]	3.55	3.55	3.55	3.55	3.55	3.18	2.72	1.91	1.90	1.50	1.30	0.944	0.859	0.669	0.661	-	CNH C-71 CNF C-76 CNV C-82
	T_{OUT} [N·m]	133	178	244	289	333	338	358	299	346	329	350	301	317	297	360	-	
	T_{OUT} [kgf·m]	13.6	18.1	24.9	29.5	33.9	34.5	36.5	30.5	35.3	33.5	35.7	30.7	32.3	30.3	36.7	-	
	Pro[N]	4590	5100	5790	5970	6350	6440	6850	7060	7210	7310	7600	7610	7610	7610	7600	-	
	Pro[kgf]	468	520	590	609	647	656	698	720	735	745	775	776	776	776	775	-	
6115	P_i [kW]	3.92	3.92	3.92	3.90	3.90	3.90	3.11	2.22	2.22	1.81	1.52	1.11	1.01	0.758	0.758	-	CNH C-71 CNF C-76 CNV C-82
	T_{OUT} [N·m]	147	196	270	317	366	415	409	348	403	396	408	355	373	337	412	-	
	T_{OUT} [kgf·m]	15.0	20.0	27.5	32.3	37.3	42.3	41.7	35.5	41.1	40.4	41.6	36.2	38.0	34.4	42.0	-	
	Pro[N]	4570	5070	5760	5940	6310	6360	6790	7010	7160	7240	7540	7600	7610	7600	7550	-	
	Pro[kgf]	466	517	587	606	643	648	692	715	730	738	769	775	776	775	770	-	
6120	P_i [kW]	5.07	5.07	5.07	5.07	5.07	4.89	3.96	3.09	2.87	2.37	1.91	1.63	1.30	0.957	0.944	-	CNH C-71 CNF C-76 CNV C-82
	T_{OUT} [N·m]	190	254	349	412	476	520	520	483	520	520	515	520	482	425	514	-	
	T_{OUT} [kgf·m]	19.4	25.9	35.6	42.0	48.5	53.0	53.0	49.2	53.0	53.0	52.5	53.0	49.1	43.3	52.4	-	
	Pro[N]	5160	5740	6480	6670	7140	7210	7980	8440	8780	9320	9810	9810	9810	9810	9800	-	
	Pro[kgf]	526	585	661	680	728	735	813	860	895	950	1000	1000	1000	1000	999	-	
Frame Size	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	Dim. Page
	n_2 [r/min]	242	181	132	112	96.7	85.3	69.0	58.0	50.0	41.4	33.7	28.4	24.6	20.4	16.7	12.2	

Selection Tables 6000 Series Reducer

Single Reduction Ratio 6 ~ 119 Frame Size: 6125 ~ 6195



n_1 : Input Speed [r/min] T_{out} : Allowable output torque [N·m, kgf·m]
 n_2 : Output Speed [r/min] Pro: Allowable output shaft radial load [N, kgf]
 P : Allowable input power [kW] *Consult us for Pro of CNF and CHF type.

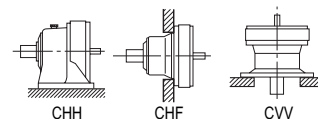
Input Speed $n_1 = 1450$ r/min

Frame Size	n_2 [r/min]	242	181	132	112	96.7	85.3	69.0	58.0	50.0	41.4	33.7	28.4	24.6	20.4	16.7	12.2	Dim. Page
	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	
6125	P_i [kW]	6.96	6.95	5.92	5.92	5.92	5.66	4.79	3.96	3.47	2.88	2.34	1.97	1.62	1.14	1.03	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	261	348	407	482	556	602	630	619	630	630	630	630	598	506	559	-	
	T_{out} [kgf·m]	26.6	35.5	41.5	49.1	56.7	61.4	64.2	63.1	64.2	64.2	64.2	64.2	61.0	51.6	57.0	-	
	Pro[N]	5080	5640	6420	6600	7060	7130	7870	8310	8680	9220	9810	9810	9810	9810	9710	-	
	Pro[kgf]	518	575	654	673	720	727	802	847	885	940	1000	1000	1000	1000	990	-	
6130	P_i [kW]	9.39	9.39	9.39	9.39	7.78	7.27	5.94	4.99	4.30	3.56	2.90	2.44	2.11	1.76	1.42	-	CHH C-72 CHF C-77 CVV C-83
	T_{out} [N·m]	353	470	646	764	731	774	780	780	780	780	780	780	780	780	772	-	
	T_{out} [kgf·m]	36.0	47.9	65.9	77.9	74.5	78.9	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	78.7	-	
	Pro[N]	5910	6560	7460	7740	7980	8570	9220	9640	10200	10800	11600	12200	12800	13600	14700	-	
	Pro[kgf]	602	669	760	789	813	874	940	983	1040	1100	1180	1240	1300	1390	1500	-	
6135	P_i [kW]	11.3	11.3	11.3	10.2	8.97	8.29	6.72	5.75	4.88	4.11	3.35	2.55	2.44	2.03	1.65	-	CHH C-72 CHF C-77 CVV C-83
	T_{out} [N·m]	424	566	778	832	842	882	883	900	886	900	900	813	900	900	900	-	
	T_{out} [kgf·m]	43.2	57.7	79.3	84.8	85.8	89.9	90.0	91.7	90.3	91.7	91.7	82.9	91.7	91.7	91.7	-	
	Pro[N]	5830	6470	7340	7680	7890	8490	9140	9550	10100	10700	11500	12100	12700	13600	14700	-	
	Pro[kgf]	594	660	748	783	804	865	932	973	1030	1090	1170	1230	1290	1390	1500	-	
6140	P_i [kW]	13.0	13.0	13.0	13.0	12.0	10.1	8.66	6.89	5.95	5.21	3.94	3.43	2.96	2.43	1.98	-	CHH C-72 CHF C-77 CVV C-83
	T_{out} [N·m]	489	652	896	1060	1130	1070	1140	1080	1080	1140	1060	1090	1090	1080	1080	-	
	T_{out} [kgf·m]	49.8	66.5	91.3	108	115	109	116	110	110	116	108	111	111	110	110	-	
	Pro[N]	9230	10200	11400	11700	12200	12800	13700	14500	14800	15900	16000	16000	16000	16000	16000	-	
	Pro[kgf]	941	1040	1160	1190	1240	1300	1400	1480	1510	1620	1630	1630	1630	1630	1630	-	
6145	P_i [kW]	15.1	15.1	15.1	15.1	14.5	12.0	9.49	7.91	7.53	6.26	4.67	3.70	3.18	2.62	2.16	-	CHH C-72 CHF C-77 CVV C-83
	T_{out} [N·m]	569	758	1040	1230	1360	1280	1250	1240	1370	1370	1260	1180	1170	1160	1170	-	
	T_{out} [kgf·m]	58.0	77.3	106	125	139	130	127	126	140	140	128	120	119	118	119	-	
	Pro[N]	9200	10200	11400	11600	12100	12800	13700	14400	14700	15800	16000	16000	16000	16000	16000	-	
	Pro[kgf]	938	1040	1160	1180	1230	1300	1400	1470	1500	1610	1630	1630	1630	1630	1630	-	
6160	P_i [kW]	20.3	19.7	19.7	19.7	18.7	13.1	12.9	9.86	9.56	8.01	6.45	5.50	4.42	3.47	3.22	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	762	986	1360	1600	1760	1390	1700	1540	1740	1760	1740	1760	1630	1540	1760	-	
	T_{out} [kgf·m]	77.7	101	139	163	179	142	173	157	177	179	177	179	166	157	179	-	
	Pro[N]	10100	11300	12700	13200	14000	14800	15800	16700	17300	18500	19900	20800	22100	22100	22100	-	
	Pro[kgf]	1030	1150	1290	1350	1430	1510	1610	1700	1760	1890	2030	2120	2250	2250	2250	-	
6165	P_i [kW]	24.1	24.1	24.1	22.6	22.4	18.8	16.0	13.4	11.4	9.59	7.81	6.58	5.69	4.73	3.77	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	903	1200	1660	1840	2100	2000	2100	2100	2070	2100	2100	2100	2100	2100	2050	-	
	T_{out} [kgf·m]	92.0	122	169	188	214	204	214	214	211	214	214	214	214	214	209	-	
	Pro[N]	9990	11100	12500	13100	13800	14300	15500	16300	17100	18300	19600	20600	22100	22100	21800	-	
	Pro[kgf]	1020	1130	1270	1340	1410	1460	1580	1660	1740	1870	2000	2100	2250	2250	2220	-	
6170	P_i [kW]	27.6	27.6	27.6	27.3	25.5	19.7	18.6	15.6	13.5	11.2	9.08	7.66	6.62	5.50	4.57	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	1040	1380	1900	2220	2390	2090	2440	2440	2440	2440	2440	2440	2440	2450	2490	-	
	T_{out} [kgf·m]	106	141	194	226	244	213	249	249	249	249	249	249	249	250	254	-	
	Pro[N]	11300	12500	14200	14700	15400	16400	17700	18500	19500	20800	22300	23400	24600	26200	28100	-	
	Pro[kgf]	1150	1270	1450	1500	1570	1670	1800	1890	1990	2120	2270	2390	2510	2670	2860	-	
6175	P_i [kW]	30.1	30.1	30.1	30.1	30.1	24.1	23.6	19.5	17.4	14.4	11.3	9.87	8.29	6.98	5.62	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	1130	1510	2070	2450	2820	2560	3100	3050	3150	3150	3040	3150	3060	3100	3060	-	
	T_{out} [kgf·m]	115	154	211	250	287	261	316	311	321	321	310	321	312	316	312	-	
	Pro[N]	11300	12400	14100	14600	15100	16100	17300	18100	19200	20500	22000	23000	24300	25800	27800	-	
	Pro[kgf]	1150	1260	1440	1490	1540	1640	1760	1850	1960	2090	2240	2340	2480	2630	2830	-	
6180	P_i [kW]	-	-	35.2	35.2	32.4	30.6	30.0	24.1	19.5	18.5	15.1	12.0	9.75	8.80	7.15	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	2420	2860	3040	3250	3940	3760	3540	4050	4050	3830	3600	3910	3890	-	
	T_{out} [kgf·m]	-	-	247	292	310	331	402	383	361	413	413	390	367	399	397	-	
	Pro[N]	-	-	19100	19800	20800	22000	23600	24700	26100	27800	29900	31200	32800	34900	37700	-	
	Pro[kgf]	-	-	1950	2020	2120	2240	2410	2520	2660	2830	3050	3180	3340	3560	3840	-	
6185	P_i [kW]	-	-	39.0	39.0	39.0	38.2	38.1	30.1	24.1	22.6	18.6	15.1	12.0	9.79	8.59	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	2680	3170	3660	4060	5000	4710	4360	4950	5000	4810	4430	4350	4680	-	
	T_{out} [kgf·m]	-	-	273	323	373	414	510	480	444	505	510	490	452	443	477	-	
	Pro[N]	-	-	19000	19600	20500	21600	23200	24400	25800	27500	29500	30900	32500	34800	37400	-	
	Pro[kgf]	-	-	1940	2000	2090	2200	2360	2490	2630	2800	3010	3150	3310	3550	3810	-	
6190	P_i [kW]	-	-	41.0	41.0	41.0	41.0	41.0	35.2	30.7	24.3	20.9	18.2	15.3	13.5	11.7	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	2820	3330	3850	4360	5390	5500	5570	5320	5640	5800	5640	6000	6380	-	
	T_{out} [kgf·m]	-	-	287	339	392	444	549	561	568	542	575	591	575	612	650	-	
	Pro[N]	-	-	26900	27800	29200	30700	33000	34700	36500	38800	41800	43700	46000	48800	52600	-	
	Pro[kgf]	-	-	2740	2830	2980	3130	3360	3540	3720	3960	4260	4450	4690	4970	5360	-	
6195	P_i [kW]	-	-	48.1	48.1	48.1	48.1	48.1	40.5	37.8	30.1	27.1	20.9	18.8	15.6	13.6	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	3310	3910	4510	5120	6320	6330	6860	6600	7300	6680	6950	6930	7420	-	
	T_{out} [kgf·m]	-	-	337	399	460	522	644	645	699	673	744	681	708	706	756	-	
	Pro[N]	-	-	26700	27600	28900	30500	32700	34400	36200	38400	41400	43500	45700	48500	52300	-	
	Pro[kgf]	-	-	2720	2810	2950	3110	3330	3510	3690	3910	4220	4430	4660	4940	5330	-	
Frame Size	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	Dim. Page

Selection Tables 6000 Series Reducer

Single Reduction Ratio 6 ~ 119 Frame Size: 6205 ~ 6275

Input Speed	$n_1 = 1450$ r/min	n_1 : Input Speed [r/min]								T_{out} : Allowable output torque [N·m, kgf·m]							
		n_2 : Output Speed [r/min]								Pro: Allowable output shaft radial load [N, kgf]							
		P : Allowable input power [kW]								*Consult us for Pro of CNF and CHF type.							



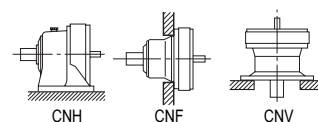
Frame Size	n_2 [r/min]	242	181	132	112	96.7	85.3	69.0	58.0	50.0	41.4	33.7	28.4	24.6	20.4	16.7	12.2	Dim. Page
	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	
6205	P_1 [kW]	-	-	59.7	-	59.7	-	59.2	-	45.7	-	31.8	-	22.6	-	15.9	-	CHH C-72
	T_{out} [N·m]	-	-	4110	-	5600	-	7780	-	8280	-	8550	-	8340	-	8650	-	CHF C-77
	T_{out} [kgf·m]	-	-	419	-	571	-	793	-	844	-	872	-	850	-	882	-	CVV C-84
	Pro[N]	-	-	51700	-	55400	-	61800	-	67500	-	76500	-	83500	-	84100	-	
6215	P_1 [kW]	-	-	75.3	-	75.3	-	75.3	-	58.5	-	45.2	-	33.9	-	19.7	-	CHH C-72
	T_{out} [N·m]	-	-	5190	-	7070	-	9900	-	10600	-	12200	-	12500	-	10700	-	CHF C-77
	T_{out} [kgf·m]	-	-	529	-	721	-	1010	-	1080	-	1240	-	1270	-	1090	-	CVV C-84
	Pro[N]	-	-	52000	-	55700	-	62600	-	68300	-	77200	-	84200	-	95400	-	
6225	P_1 [kW]	-	-	99.5	-	99.5	-	94.2	-	75.3	-	56.5	-	39.3	-	26.7	-	CHH C-72
	T_{out} [N·m]	-	-	6850	-	9330	-	12400	-	13700	-	15200	-	14500	-	14600	-	CHF C-77
	T_{out} [kgf·m]	-	-	698	-	951	-	1260	-	1400	-	1550	-	1480	-	1490	-	CVV C-84
	Pro[N]	-	-	54800	-	59000	-	65700	-	71800	-	81300	-	89000	-	100000	-	
6235	P_1 [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CHH C-72
	T_{out} [N·m]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CHF C-77
	T_{out} [kgf·m]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CVV C-84
	Pro[N]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6245	P_1 [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CHH C-72
	T_{out} [N·m]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CHF C-77
	T_{out} [kgf·m]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CVV C-84
	Pro[N]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6255	P_1 [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CHH C-72
	T_{out} [N·m]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CHF C-77
	T_{out} [kgf·m]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CVV C-84
	Pro[N]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6265	P_1 [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CHH C-72
	T_{out} [N·m]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CHF C-77
	T_{out} [kgf·m]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CVV C-84
	Pro[N]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6275	P_1 [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CHH C-72
	T_{out} [N·m]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CHF C-77
	T_{out} [kgf·m]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CVV C-84
	Pro[N]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Frame Size	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	Dim. Page
	n_2 [r/min]	242	181	132	112	96.7	85.3	69.0	58.0	50.0	41.4	33.7	28.4	24.6	20.4	16.7	12.2	

Note: 1. Allowable radial load Pro is the value at the midpoint of the output shaft. Refer to pages F-11~12 when radial load is off the midpoint of output shaft and for checking thrust load.
 2. Refer to pages F-15~16 for allowable radial load for input shaft.

Selection Tables 6000 Series Reducer

Single Reduction Ratio 6 ~ 119 Frame Size: 6060 ~ 6120

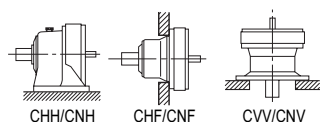
Input Speed	$n_1 = 1750$ r/min	n_2 : Input Speed [r/min]																T_{out} : Allowable output torque [N·m, kgf·m]				Pro: Allowable output shaft radial load [N, kgf]			
		n_2 : Output Speed [r/min]																							
		P : Allowable input power [kW]																							
																						*Consult us for Pro of CNF and CHF type.			



Frame Size	n_2 [r/min]	292	219	159	135	117	103	83.3	70.0	60.3	50.0	40.7	34.3	29.7	24.6	20.1	14.7	Dim. Page	
	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119		
6060	P_i [kW]	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.110	0.110	0.110	0.090	-	-	-	-	-	-	CNH C-71
	T_{out} [N·m]	6.22	8.29	11.4	13.5	15.6	17.6	21.8	14.3	16.5	20.0	20.1	-	-	-	-	-	-	CNF C-76
	T_{out} [kgf·m]	0.634	0.845	1.16	1.38	1.59	1.79	2.22	1.46	1.68	2.04	2.05	-	-	-	-	-	-	CNV C-82
	Pro[N]	751	859	1170	1180	1180	1180	1180	1180	1180	1180	1180	-	-	-	-	-	-	
	Pro[kgf]	76.6	88	119	120	120	120	120	120	120	120	120	-	-	-	-	-	-	
6065	P_i [kW]	0.286	0.286	0.286	0.286	0.286	0.286	0.234	0.166	0.166	0.143	0.113	-	-	-	-	-	-	CNH C-71
	T_{out} [N·m]	8.91	11.9	16.3	19.3	22.3	25.2	25.4	21.5	24.9	26.0	25.2	-	-	-	-	-	-	CNF C-76
	T_{out} [kgf·m]	0.908	1.21	1.66	1.97	2.27	2.57	2.59	2.19	2.54	2.65	2.57	-	-	-	-	-	-	CNV C-82
	Pro[N]	747	852	1150	1180	1180	1180	1180	1180	1180	1180	1180	-	-	-	-	-	-	
	Pro[kgf]	76.1	86.9	117	120	120	120	120	120	120	120	120	-	-	-	-	-	-	
6070	P_i [kW]	0.347	0.347	0.347	0.347	0.347	0.347	0.320	0.230	0.226	0.211	0.170	0.100	0.100	-	-	-	-	CNH C-71
	T_{out} [N·m]	10.8	14.4	19.8	23.4	27.0	30.5	34.9	29.8	34.0	38.3	37.8	26.4	30.6	-	-	-	-	CNF C-76
	T_{out} [kgf·m]	1.10	1.47	2.02	2.39	2.75	3.11	3.56	3.04	3.47	3.90	3.85	2.69	3.12	-	-	-	-	CNV C-82
	Pro[N]	1300	1430	1600	1690	1690	1770	1770	1770	1770	1770	1770	1770	1770	-	-	-	-	
	Pro[kgf]	133	146	163	172	172	180	180	180	180	180	180	180	180	-	-	-	-	
6075	P_i [kW]	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.294	0.286	0.279	0.226	0.143	0.136	-	-	-	-	CNH C-71
	T_{out} [N·m]	12.7	16.9	23.2	27.4	31.6	35.9	44.3	38.1	43.0	50.6	50.4	37.9	41.5	-	-	-	-	CNF C-76
	T_{out} [kgf·m]	1.29	1.72	2.36	2.79	3.22	3.66	4.52	3.88	4.38	5.16	5.14	3.86	4.23	-	-	-	-	CNV C-82
	Pro[N]	1290	1420	1590	1670	1680	1770	1770	1770	1770	1770	1770	1770	1770	-	-	-	-	
	Pro[kgf]	131	145	162	170	171	180	180	180	180	180	180	180	180	-	-	-	-	
6080	P_i [kW]	0.592	0.592	0.592	0.592	0.592	0.592	0.478	0.340	0.340	0.340	0.250	0.192	0.185	0.120	0.090	-	-	CNH C-71
	T_{out} [N·m]	18.4	24.6	33.8	39.9	46.1	52.2	52.1	44.1	51.1	61.7	55.7	50.8	56.5	44.2	40.6	-	-	CNF C-76
	T_{out} [kgf·m]	1.88	2.51	3.45	4.07	4.70	5.32	5.31	4.50	5.21	6.29	5.68	5.18	5.76	4.51	4.14	-	-	CNV C-82
	Pro[N]	1800	1940	2140	2300	2370	2480	2440	2530	2560	2560	2560	2560	2560	2560	2560	-	-	
	Pro[kgf]	183	198	218	234	242	253	249	258	261	261	261	261	261	261	261	-	-	
6085	P_i [kW]	0.778	0.778	0.778	0.778	0.778	0.778	0.550	0.475	0.467	0.467	0.294	0.241	0.234	0.202	0.121	-	-	CNH C-71
	T_{out} [N·m]	24.2	32.3	44.4	52.4	60.5	68.5	59.9	61.5	70.2	84.8	65.5	63.7	71.4	74.4	54.7	-	-	CNF C-76
	T_{out} [kgf·m]	2.47	3.29	4.53	5.34	6.17	6.98	6.11	6.27	7.16	8.64	6.68	6.49	7.28	7.58	5.58	-	-	CNV C-82
	Pro[N]	1790	1930	2120	2280	2350	2450	2430	2500	2550	2560	2560	2560	2560	2500	2560	-	-	
	Pro[kgf]	182	197	216	232	240	250	248	255	260	261	261	261	261	255	261	-	-	
6090	P_i [kW]	1.15	1.15	1.15	1.15	1.15	1.15	0.758	0.671	0.625	0.612	0.435	0.332	0.309	0.252	0.211	0.125	-	CNH C-71
	T_{out} [N·m]	35.7	47.5	65.4	77.3	89.1	101	82.5	86.9	94.0	111	97.0	87.7	94.5	92.6	95.3	77.1	-	CNF C-76
	T_{out} [kgf·m]	3.64	4.84	6.67	7.88	9.08	10.3	8.41	8.86	9.58	11.3	9.89	8.94	9.63	9.44	9.71	7.86	-	CNV C-82
	Pro[N]	2650	2950	3340	3340	3340	3340	3340	3340	3340	3340	3340	3340	3340	3340	3340	3340	-	
	Pro[kgf]	270	301	340	340	340	340	340	340	340	340	340	340	340	340	340	340	-	
6095	P_i [kW]	1.52	1.52	1.52	1.52	1.52	1.52	1.52	0.866	0.784	0.758	0.603	0.422	0.373	0.301	0.301	0.151	-	CNH C-71
	T_{out} [N·m]	47.1	62.8	86.4	102	118	134	165	112	118	137	134	112	114	111	136	93.0	-	CNF C-76
	T_{out} [kgf·m]	4.80	6.40	8.81	10.4	12.0	13.7	16.8	11.4	12.0	14.0	13.7	11.4	11.6	11.3	13.9	9.48	-	CNV C-82
	Pro[N]	2630	2910	3300	3300	3280	3290	3260	3340	3340	3320	3340	3340	3340	3340	3340	3340	-	
	Pro[kgf]	268	297	336	336	334	335	332	340	340	338	340	340	340	340	340	340	-	
6100	P_i [kW]	2.35	2.35	2.35	2.35	2.35	1.99	1.93	1.27	1.21	0.975	0.780	0.560	0.516	0.436	0.433	0.210	-	CNH C-71
	T_{out} [N·m]	73.0	97.4	134	158	183	175	210	165	182	177	174	148	158	160	195	130	-	CNF C-76
	T_{out} [kgf·m]	7.44	9.93	13.7	16.1	18.7	17.8	21.4	16.8	18.6	18.0	17.7	15.1	16.1	16.3	19.9	13.3	-	CNV C-82
	Pro[N]	3850	4290	4860	5050	5330	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	-	
	Pro[kgf]	392	437	495	515	543	550	550	550	550	550	550	550	550	550	550	550	-	
6105	P_i [kW]	3.18	3.18	3.18	3.18	3.18	2.46	2.34	1.67	1.59	1.20	1.08	0.776	0.708	0.561	0.565	0.286	-	CNH C-71
	T_{out} [N·m]	98.9	132	181	214	247	216	254	217	239	217	242	205	217	207	255	177	-	CNF C-76
	T_{out} [kgf·m]	10.1	13.5	18.5	21.8	25.2	22.0	25.9	22.1	24.4	22.1	24.7	20.9	22.1	21.1	26.0	18.0	-	CNV C-82
	Pro[N]	3820	4240	4800	4980	5250	5380	5380	5380	5380	5380	5380	5380	5380	5400	5400	5400	-	
	Pro[kgf]	389	432	489	508	535	548	548	548	548	548	548	548	548	550	550	550	-	
6110	P_i [kW]	3.55	3.55	3.55	3.55	3.55	3.18	2.72	1.91	1.90	1.50	1.30	0.944	0.859	0.669	0.661	-	-	CNH C-71
	T_{out} [N·m]	110	147	202	239	276	280	297	248	286	273	290	249	263	246	298	-	-	CNF C-76
	T_{out} [kgf·m]	11.2	15.0	20.6	24.4	28.1	28.5	30.3	25.3	29.2	27.8	29.6	25.4	26.8	25.1	30.4	-	-	CNV C-82
	Pro[N]	4320	4810	5470	5650	6010	6090	6470	6660	6840	7360	7610	7610	7610	7610	7610	-	-	
	Pro[kgf]	440	490	558	576	613	621	660	679	697	750	776	776	776	776	776	-	-	
6115	P_i [kW]	3.92	3.92	3.92	3.90	3.90	3.90	3.11	2.22	2.22	1.81	1.52	1.11	1.01	0.758	0.758	-	-	CNH C-71
	T_{out} [N·m]	122	163	223	263	303	344	339	288	334	328	338	294	309	279	342	-	-	CNF C-76
	T_{out} [kgf·m]	12.4	16.6	22.7	26.8	30.9	35.1	34.6	29.4	34.0	33.4	34.5	30.0	31.5	28.4	34.9	-	-	CNV C-82
	Pro[N]	4310	4790	5450	5620	5970	6020	6430	6620	6800	7310	7610	7610	7610	7610	7610	-	-	
	Pro[kgf]	439	488	556	573	609	614	655	675	693	745	776	776	776	776	776	-	-	
6120	P_i [kW]	5.07	5.07	5.07	5.07	5.07	5.07	3.96	3.09	2.99	2.49	1.91	1.72	1.30	0.957	0.944	-	-	CNH C-71
	T_{out} [N·m]	158	210	289	342	394	447	431	400	450	453	427	454	399	352	426	-	-	CNF C-76
	T_{out} [kgf·m]	16.1	21.4	29.5	34.9	40.2	45.6	43.9	40.8	45.9	46.2	43.5	46.3	40.7	35.9	43.4	-	-	CNV C-82
	Pro[N]	4860	5410	6130	6310	6760	6810	7540	7970	8280	8790	9430	9810	9810	9810	9810	-	-	
	Pro[kgf]	495	551	625	643	689	694	769	812	844	896	961	1000	1000	1000	1000	-	-	
Frame Size	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	Dim. Page	
	n_2 [r/min]	292	219	159	135	117	103	83.3	70.0	60.3	50.0	40.7	34.3	29.7	24.6	20.1	14.7		

Selection Tables 6000 Series Reducer

Single Reduction Ratio 6 ~ 119 Frame Size: 6125 ~ 6195



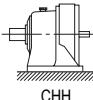
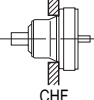
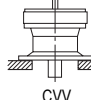
n_1 : Input Speed [r/min] T_{out} : Allowable output torque [N·m, kgf·m]
 n_2 : Output Speed [r/min] Pro: Allowable output shaft radial load [N, kgf]
 P : Allowable input power [kW] *Consult us for Pro of CNF and CHF type.

Input Speed $n_1 = 1750$ r/min

Frame Size	n_2 [r/min]	292	219	159	135	117	103	83.3	70.0	60.3	50.0	40.7	34.3	29.7	24.6	20.1	14.7	Dim. Page
	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	
6125	P_i [kW]	5.81	6.95	5.92	5.92	5.92	5.66	4.88	3.96	3.77	3.18	2.38	2.28	1.62	1.20	1.13	-	CNH C-71 CNF C-76 CNV C-82
	T_{out} [N·m]	181	288	338	399	460	499	532	513	566	577	531	602	495	441	510	-	
	T_{out} [kgf·m]	18.5	29.4	34.5	40.7	46.9	50.9	54.2	52.3	57.7	58.8	54.1	61.4	50.5	45.0	52.0	-	
	Pro[N]	4840	5340	6080	6250	6700	6760	7450	7870	8170	8670	9340	9740	9790	9790	9810	-	
	Pro[kgf]	493	544	620	637	683	689	759	802	833	884	952	993	998	998	1000	-	
6130	P_i [kW]	9.39	9.39	9.39	9.39	7.78	7.27	6.14	5.16	4.48	3.71	2.99	2.54	2.19	1.83	1.42	-	CHH C-72 CHF C-77 CVV C-83
	T_{out} [N·m]	292	389	535	633	605	641	669	669	674	673	668	672	669	674	640	-	
	T_{out} [kgf·m]	29.8	39.7	54.5	64.5	61.7	65.3	68.2	68.2	68.7	68.6	68.1	68.5	68.2	68.7	65.2	-	
	Pro[N]	5590	6210	7060	7330	7550	8120	8710	9100	9610	10200	11000	11500	12100	12900	13900	-	
	Pro[kgf]	570	633	720	747	770	828	888	928	980	1040	1120	1170	1230	1310	1420	-	
6135	P_i [kW]	11.3	11.3	11.3	11.3	8.97	8.29	7.53	5.95	5.64	4.25	3.77	2.93	2.52	2.17	1.91	-	CHH C-72 CHF C-77 CVV C-83
	T_{out} [N·m]	352	469	645	762	697	730	820	771	848	771	840	775	772	799	861	-	
	T_{out} [kgf·m]	35.9	47.8	65.7	77.7	71.0	74.4	83.6	78.6	86.4	78.6	85.6	79.0	78.7	81.4	87.8	-	
	Pro[N]	5520	6140	6970	7230	7480	8050	8590	9030	9480	10100	10800	11400	12000	12800	13800	-	
	Pro[kgf]	563	626	710	737	762	821	876	920	966	1030	1100	1160	1220	1300	1410	-	
6140	P_i [kW]	13.0	13.0	13.0	13.0	12.0	10.1	8.66	6.89	5.95	5.21	3.94	3.43	2.96	2.43	1.98	-	CHH C-72 CHF C-77 CVV C-83
	T_{out} [N·m]	405	540	743	878	933	888	943	893	895	945	879	906	905	895	893	-	
	T_{out} [kgf·m]	41.3	55.0	75.7	89.5	95.1	90.5	96.1	91.0	91.2	96.3	89.6	92.4	92.3	91.2	91.0	-	
	Pro[N]	8750	9690	10900	11100	11600	12200	13000	13700	14000	15100	15800	16000	16000	16000	16000	-	
	Pro[kgf]	892	988	1110	1130	1180	1240	1330	1400	1430	1540	1610	1630	1630	1630	1630	-	
6145	P_i [kW]	15.1	15.1	15.1	15.1	15.1	12.0	11.0	7.91	7.53	7.53	5.39	4.22	3.65	3.03	2.48	-	CHH C-72 CHF C-77 CVV C-83
	T_{out} [N·m]	471	628	864	1020	1170	1060	1190	1030	1130	1370	1200	1120	1120	1110	1120	-	
	T_{out} [kgf·m]	48.0	64.0	88.1	104	119	108	121	105	115	140	122	114	114	113	114	-	
	Pro[N]	8720	9650	10800	11000	11500	12100	12900	13700	14000	14900	15600	16000	16000	16000	16000	-	
	Pro[kgf]	889	984	1100	1120	1170	1230	1310	1400	1430	1520	1590	1630	1630	1630	1630	-	
6160	P_i [kW]	20.3	19.7	19.7	19.7	18.7	13.1	12.9	9.86	10.5	9.67	7.45	5.75	4.42	3.47	3.47	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	631	817	1120	1330	1460	1150	1400	1280	1580	1760	1660	1520	1350	1280	1570	-	
	T_{out} [kgf·m]	64.3	83.3	114	136	149	117	143	130	161	179	169	155	138	130	160	-	
	Pro[N]	9550	10700	12000	12500	13300	14000	14900	15800	16300	17300	18700	19600	21900	22000	21800	-	
	Pro[kgf]	973	1090	1220	1270	1360	1430	1520	1610	1660	1760	1910	2000	2230	2240	2220	-	
6165	P_i [kW]	24.1	24.1	24.1	22.6	22.6	18.8	16.1	15.1	11.4	11.4	7.91	7.53	5.75	5.65	3.90	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	748	997	1370	1520	1760	1660	1750	1950	1720	2070	1760	1990	1760	2080	1760	-	
	T_{out} [kgf·m]	76.2	102	140	155	179	169	178	199	175	211	179	203	179	212	179	-	
	Pro[N]	9460	10500	11900	12400	13100	13600	14700	15300	16200	17100	18600	19300	21700	21500	21700	-	
	Pro[kgf]	964	1070	1210	1260	1340	1390	1500	1560	1650	1740	1900	1970	2210	2190	2210	-	
6170	P_i [kW]	27.6	27.6	27.6	27.3	25.5	19.7	19.5	15.8	14.3	12.0	9.75	8.39	7.15	5.92	4.81	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	859	1140	1570	1840	1980	1730	2120	2050	2150	2180	2170	2220	2190	2180	2170	-	
	T_{out} [kgf·m]	87.6	116	160	188	202	176	216	209	219	222	221	226	223	222	221	-	
	Pro[N]	10700	11800	13500	14000	14600	15500	16700	17500	18400	19600	21000	22000	23200	24600	26500	-	
	Pro[kgf]	1090	1200	1380	1430	1490	1580	1700	1780	1880	2000	2140	2240	2360	2510	2700	-	
6175	P_i [kW]	30.1	30.1	30.1	30.1	30.1	24.1	24.1	19.5	18.8	15.1	11.3	11.3	8.29	7.15	5.62	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	937	1250	1720	2030	2340	2120	2620	2530	2830	2730	2520	2990	2540	2630	2540	-	
	T_{out} [kgf·m]	95.5	127	175	207	239	216	267	258	288	278	257	305	259	268	259	-	
	Pro[N]	10700	11700	13400	13900	14400	15300	16400	17200	18100	19300	20900	21600	23000	24400	26300	-	
	Pro[kgf]	1090	1190	1370	1420	1470	1560	1670	1750	1850	1970	2130	2200	2340	2490	2680	-	
6180	P_i [kW]	-	-	35.2	35.2	32.4	30.6	30.0	24.1	19.5	18.8	15.1	12.0	9.75	8.80	7.15	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	2010	2370	2520	2690	3270	3120	2930	3410	3360	3170	2980	3240	3220	-	
	T_{out} [kgf·m]	-	-	205	242	257	274	333	318	299	348	343	323	304	330	328	-	
	Pro[N]	-	-	18000	18700	19700	20800	22400	23400	24600	26300	28300	29500	31000	33000	35600	-	
	Pro[kgf]	-	-	1830	1910	2010	2120	2280	2390	2510	2680	2880	3010	3160	3360	3630	-	
6185	P_i [kW]	-	-	39.0	39.0	39.0	39.0	39.0	30.1	24.1	22.6	18.8	15.1	12.0	9.79	8.59	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	2220	2630	3030	3440	4250	3910	3620	4100	4200	3980	3670	3610	3870	-	
	T_{out} [kgf·m]	-	-	226	268	309	351	433	399	369	418	428	406	374	368	394	-	
	Pro[N]	-	-	17900	18600	19500	20500	22000	23100	24400	26000	27900	29200	30700	32800	35400	-	
	Pro[kgf]	-	-	1820	1900	1990	2090	2240	2350	2490	2650	2840	2980	3130	3340	3610	-	
6190	P_i [kW]	-	-	41.0	41.0	41.0	41.0	41.0	35.2	30.7	24.3	20.9	18.2	15.3	13.5	11.8	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	2340	2760	3190	3610	4460	4560	4620	4410	4670	4810	4670	4980	5320	-	
	T_{out} [kgf·m]	-	-	239	281	325	368	455	465	471	450	476	490	476	508	542	-	
	Pro[N]	-	-	25300	26300	27500	29000	31200	32800	34500	36600	39500	41300	43400	46000	49600	-	
	Pro[kgf]	-	-	2580	2680	2800	2960	3180	3340	3520	3730	4030	4210	4420	4690	5060	-	
6195	P_i [kW]	-	-	48.1	48.1	48.1	48.1	48.1	40.5	37.8	30.1	30.1	20.9	18.8	15.6	13.6	-	CHH C-72 CHF C-77 CVV C-84
	T_{out} [N·m]	-	-	2740	3240	3740	4240	5240	5240	5680	5470	6720	5540	5760	5740	6150	-	
	T_{out} [kgf·m]	-	-	279	330	381	432	534	534	579	558	685	565	587	585	627	-	
	Pro[N]	-	-	25200	26100	27300	28800	31000	32600	34200	36300	38900	41100	43100	45800	49400	-	
	Pro[kgf]	-	-	2570	2660	2780	2940	3160	3320	3490	3700	3970	4190	4390	4670	5040	-	
Frame Size	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	Dim. Page
	n_2 [r/min]	292	219	159	135	117	103	83.3	70.0	60.3	50.0	40.7	34.3	29.7	24.6	20.1	14.7	

Selection Tables 6000 Series Reducer

Single Reduction Ratio 6 ~ 119 Frame Size: 6205 ~ 6275

Input Speed		$n_1 = 1750$ r/min		n_1 : Input Speed [r/min] n_2 : Output Speed [r/min] P_i : Allowable input power [kW]										T_{out} : Allowable output torque [N·m, kgf·m] Pro: Allowable output shaft radial load [N, kgf] *Consult us for Pro of CNF and CHF type.						 CHH  CHF  CVV		
Frame Size	n_2 [r/min] Ratio[Z]	292	219	159	135	117	103	83.3	70.0	60.3	50.0	40.7	34.3	29.7	24.6	20.1	14.7	Dim. Page				
6205	P_i [kW]	-	-	59.7	-	59.7	-	59.2	-	45.7	-	31.8	-	22.6	-	15.9	-	CHH C-72 CHF C-77 CVV C-84				
	T_{out} [N·m]	-	-	3400	-	4640	-	6450	-	6860	-	7090	-	6910	-	7170	-					
	T_{out} [kgf·m]	-	-	347	-	473	-	657	-	699	-	723	-	704	-	731	-					
	Pro[N]	-	-	48900	-	52500	-	58600	-	64100	-	72500	-	79200	-	84100	-					
	Pro[kgf]	-	-	4980	-	5350	-	5970	-	6530	-	7390	-	8070	-	8570	-					
6215	P_i [kW]	-	-	75.3	-	75.3	-	75.3	-	58.5	-	45.2	-	37.7	-	21.4	-	CHH C-72 CHF C-77 CVV C-84				
	T_{out} [N·m]	-	-	4300	-	5860	-	8200	-	8790	-	10100	-	11500	-	9650	-					
	T_{out} [kgf·m]	-	-	438	-	597	-	836	-	896	-	1030	-	1170	-	984	-					
	Pro[N]	-	-	49300	-	52900	-	59500	-	64900	-	73300	-	79700	-	90300	-					
	Pro[kgf]	-	-	5030	-	5390	-	6070	-	6620	-	7470	-	8120	-	9200	-					
6225	P_i [kW]	-	-	99.5	-	99.5	-	94.2	-	75.3	-	56.5	-	45.2	-	26.7	-	CHH C-72 CHF C-77 CVV C-84				
	T_{out} [N·m]	-	-	5670	-	7730	-	10300	-	11300	-	12600	-	13800	-	12100	-					
	T_{out} [kgf·m]	-	-	578	-	788	-	1050	-	1150	-	1280	-	1410	-	1230	-					
	Pro[N]	-	-	52100	-	56100	-	62500	-	68200	-	77200	-	84100	-	95200	-					
	Pro[kgf]	-	-	5310	-	5720	-	6370	-	6950	-	7870	-	8570	-	9700	-					
6235	P_i [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	T_{out} [N·m]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	T_{out} [kgf·m]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	Pro[N]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	Pro[kgf]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
6245	P_i [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	T_{out} [N·m]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	T_{out} [kgf·m]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	Pro[N]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	Pro[kgf]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
6255	P_i [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	T_{out} [N·m]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	T_{out} [kgf·m]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	Pro[N]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	Pro[kgf]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
6265	P_i [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	T_{out} [N·m]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	T_{out} [kgf·m]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	Pro[N]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	Pro[kgf]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
6275	P_i [kW]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	T_{out} [N·m]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	T_{out} [kgf·m]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	Pro[N]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	Pro[kgf]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Frame Size	Ratio[Z]	6	8	11	13	15	17	21	25	29	35	43	51	59	71	87	119	Dim. Page				
	n_2 [r/min]	292	219	159	135	117	103	83.3	70.0	60.3	50.0	40.7	34.3	29.7	24.6	20.1	14.7					

Note: 1. Allowable radial load Pro is the value at the midpoint of the output shaft. Refer to pages F-11~12 when radial load is off the midpoint of output shaft and for checking thrust load.

2. Refer to pages F-15~16 for allowable radial load for input shaft.

Selection Tables 6000 Series Reducer

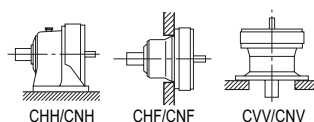
Double Reduction Ratio 104,121 ~ 7569 Frame Size: 6060DA ~ 6130DA

Input Speed		$n_1 = 1450$ r/min		n_1 : Input Speed [r/min]		T_{out} : Allowable output torque [N·m, kgf·m]		n_2 : Output Speed [r/min]		Pro: Allowable output shaft radial load [N, kgf]		P : Allowable input power [kW]		*Consult us for Pro of CNF and CHF type.	
Frame Size	n_2 [r/min]	13.9	12.0	10.1	8.79	7.44	6.28	5.31	4.55	3.85	3.07	2.59	2.23	1.98	1.72
	Ratio[Z]	104	121	143	165	195	231	273	319	377	473	559	649	731	841
6060DA	P_i [kW]	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	-	0.100	0.100
	T_{out} [N·m]	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	-	24.0	24.0
	T_{out} [kgf·m]	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	-	2.45	2.45
	Pro[N]	1180	1180	1180	1180	1180	1180	1180	1180	1180	1180	1180	-	1180	1180
	Pro[kgf]	120	120	120	120	120	120	120	120	120	120	120	-	120	120
6065DA	P_i [kW]	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	-	0.100	0.100
	T_{out} [N·m]	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	-	30.0	30.0
	T_{out} [kgf·m]	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	-	3.06	3.06
	Pro[N]	1180	1140	1180	1180	1180	1180	1180	1180	1180	1180	1180	-	1180	1180
	Pro[kgf]	120	116	120	120	120	120	120	120	120	120	120	-	120	120
6070DA	P_i [kW]	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
	T_{out} [N·m]	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
	T_{out} [kgf·m]	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59
	Pro[N]	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770
	Pro[kgf]	180	180	180	180	180	180	180	180	180	180	180	180	180	180
6075DA	P_i [kW]	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
	T_{out} [N·m]	60.0	50.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	57.4	60.0	60.0
	T_{out} [kgf·m]	6.12	5.18	6.12	6.12	6.12	6.12	6.12	6.12	6.12	6.12	6.12	5.85	6.12	6.12
	Pro[N]	1770	1770	1770	1770	1770	1770	1770	1770	1770	1660	1660	1580	1660	1770
	Pro[kgf]	180	180	180	180	180	180	180	180	180	169	169	161	169	180
6090DA	P_i [kW]	0.243	0.209	0.177	0.153	0.130	0.110	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
	T_{out} [N·m]	150	150	150	150	150	150	150	150	150	150	150	146	150	150
	T_{out} [kgf·m]	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	14.9	15.3	15.3
	Pro[N]	3340	3340	3340	3340	3340	3340	3340	3290	3290	3310	3310	3300	3310	3290
	Pro[kgf]	340	340	340	340	340	340	340	336	336	338	338	336	338	336
6095DA	P_i [kW]	0.293	0.224	0.216	0.204	0.173	0.146	0.124	0.106	0.100	0.100	0.100	-	0.100	0.100
	T_{out} [N·m]	181	160	183	200	200	200	200	200	200	200	200	-	200	200
	T_{out} [kgf·m]	18.4	16.4	18.7	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	-	20.4	20.4
	Pro[N]	3340	3340	3340	3340	3340	3340	3340	3200	3200	3220	3220	-	3220	3200
	Pro[kgf]	340	340	340	340	340	340	340	326	326	328	328	-	328	326
6100DA	P_i [kW]	0.406	0.349	0.295	0.256	0.216	0.183	0.154	0.132	0.112	0.100	0.100	0.100	0.100	0.100
	T_{out} [N·m]	250	250	250	250	250	250	250	250	250	250	250	250	250	250
	T_{out} [kgf·m]	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
	Pro[N]	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400
	Pro[kgf]	550	550	550	550	550	550	550	550	550	550	550	550	550	550
6105DA	P_i [kW]	0.429	0.429	0.354	0.307	0.260	0.219	0.185	0.159	0.134	0.107	0.100	0.100	0.100	0.100
	T_{out} [N·m]	265	308	300	300	300	300	300	300	300	300	300	296	300	300
	T_{out} [kgf·m]	27.0	31.4	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.2	30.6	30.6
	Pro[N]	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5090	5400	5400
	Pro[kgf]	550	550	550	550	550	550	550	550	550	550	550	519	550	550
6120DA	P_i [kW]	-	-	0.429	0.429	0.429	0.381	0.322	0.275	0.233	0.187	0.158	0.136	0.121	0.104
	T_{out} [N·m]	-	-	364	420	496	522	522	520	520	525	525	525	525	520
	T_{out} [kgf·m]	-	-	37.1	42.8	50.6	53.2	53.2	53.0	53.0	53.5	53.5	53.5	53.5	53.0
	Pro[N]	-	-	9810	9810	9810	9810	9810	9810	9810	9810	9810	9810	9810	9810
	Pro[kgf]	-	-	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
6120DB	P_i [kW]	0.852	0.732	0.619	0.537	0.454	0.381	-	-	-	-	-	-	-	-
	T_{out} [N·m]	525	525	525	525	525	522	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	53.5	53.5	53.5	53.5	53.5	53.2	-	-	-	-	-	-	-	-
	Pro[N]	9810	9810	9810	9810	9810	9810	-	-	-	-	-	-	-	-
	Pro[kgf]	1000	1000	1000	1000	1000	1000	-	-	-	-	-	-	-	-
6125DA	P_i [kW]	-	-	-	-	-	0.429	0.389	0.333	0.282	0.225	0.190	0.164	0.145	0.126
	T_{out} [N·m]	-	-	-	-	-	588	630	630	630	630	630	630	630	630
	T_{out} [kgf·m]	-	-	-	-	-	59.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
	Pro[N]	-	-	-	-	-	9810	9810	9810	9810	9810	9810	9810	9810	9810
	Pro[kgf]	-	-	-	-	-	1000	1000	1000	1000	1000	1000	1000	1000	1000
6125DB	P_i [kW]	1.02	0.867	0.743	0.644	0.545	0.460	0.389	0.333	-	-	-	-	-	-
	T_{out} [N·m]	630	622	630	630	630	630	630	630	-	-	-	-	-	-
	T_{out} [kgf·m]	64.2	63.4	64.2	64.2	64.2	64.2	64.2	64.2	-	-	-	-	-	-
	Pro[N]	9810	9810	9810	9810	9810	9810	9810	9810	-	-	-	-	-	-
	Pro[kgf]	1000	1000	1000	1000	1000	1000	1000	1000	-	-	-	-	-	-
6130DA	P_i [kW]	-	-	-	-	-	0.429	0.413	0.349	0.278	0.235	0.237	0.200	0.200	0.200
	T_{out} [N·m]	-	-	-	-	-	695	780	780	780	780	780	912	780	780
	T_{out} [kgf·m]	-	-	-	-	-	70.8	79.5	79.5	79.5	79.5	79.5	93.0	79.5	79.5
	Pro[N]	-	-	-	-	-	14700	14700	14700	14700	14700	14700	14700	14700	14700
	Pro[kgf]	-	-	-	-	-	1500	1500	1500	1500	1500	1500	1500	1500	1500
Frame Size	Ratio[Z]	104	121	143	165	195	231	273	319	377	473	559	649	731	841
	n_2 [r/min]	13.9	12.0	10.1	8.79	7.44	6.28	5.31	4.55	3.85	3.07	2.59	2.23	1.98	1.72

Note: 1. Allowable radial load Pro is the value at the midpoint of the output shaft. Refer to pages F-11~12 when radial load is off the midpoint of output shaft and for checking thrust load.

2. Refer to pages F-15~16 for allowable radial load for input shaft.

Selection Tables 6000 Series Reducer



Input Speed

 $n_1 = 1450 \text{ r/min}$

1.45	1.16	0.980	0.784	0.702	0.572	0.476	0.417	0.327	0.282	0.235	0.192	n_2 [r/min]	Dim. Page	Frame Size
1003	1247	1479	1849	2065	2537	3045	3481	4437	5133	6177	7569	Ratio[Z]		
-	0.100	-	0.100	-	-	-	-	-	-	-	-	P_1 [kW]	CNH C-73	6060DA
-	24.0	-	24.0	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CNF C-78	
-	2.45	-	2.45	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CNV C-85	
-	1180	-	1180	-	-	-	-	-	-	-	-	Pro[N]		
-	120	-	120	-	-	-	-	-	-	-	-	Pro[kgf]		
-	0.100	-	0.100	-	-	-	-	-	-	-	-	P_1 [kW]	CNH C-73	6065DA
-	30.0	-	30.0	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CNF C-78	
-	3.06	-	3.06	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CNV C-85	
-	1180	-	1180	-	-	-	-	-	-	-	-	Pro[N]		
-	120	-	120	-	-	-	-	-	-	-	-	Pro[kgf]		
0.100	0.100	-	0.100	0.100	0.100	-	-	-	-	-	-	P_1 [kW]	CNH C-73	6070DA
45.0	45.0	-	45.0	45.0	45.0	-	-	-	-	-	-	T_{OUT} [N·m]	CNF C-78	
4.59	4.59	-	4.59	4.59	4.59	-	-	-	-	-	-	T_{OUT} [kgf·m]	CNV C-85	
1770	1770	-	1770	1770	1770	-	-	-	-	-	-	Pro[N]		
180	180	-	180	180	180	-	-	-	-	-	-	Pro[kgf]		
0.100	0.100	-	0.100	0.100	0.100	-	-	-	-	-	-	P_1 [kW]	CNH C-73	6075DA
57.4	60.0	-	60.0	57.4	57.4	-	-	-	-	-	-	T_{OUT} [N·m]	CNF C-78	
5.85	6.12	-	6.12	5.85	5.85	-	-	-	-	-	-	T_{OUT} [kgf·m]	CNV C-85	
1580	1660	-	1660	1580	1580	-	-	-	-	-	-	Pro[N]		
161	169	-	169	161	161	-	-	-	-	-	-	Pro[kgf]		
0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	-	-	P_1 [kW]	CNH C-73	6090DA
146	150	150	150	146	146	150	146	150	150	-	-	T_{OUT} [N·m]	CNF C-78	
14.9	15.3	15.3	15.3	14.9	14.9	15.3	14.9	15.3	15.3	-	-	T_{OUT} [kgf·m]	CNV C-85	
3300	3310	3310	3310	3300	3300	3310	3300	3310	3310	-	-	Pro[N]		
336	338	338	338	336	336	338	336	338	338	-	-	Pro[kgf]		
-	0.100	0.100	0.100	-	-	0.100	-	0.100	0.100	-	-	P_1 [kW]	CNH C-73	6095DA
-	200	193	200	-	-	192	-	192	192	-	-	T_{OUT} [N·m]	CNF C-78	
-	20.4	19.6	20.4	-	-	19.6	-	19.6	19.6	-	-	T_{OUT} [kgf·m]	CNV C-85	
-	3220	3240	3220	-	-	3240	-	3240	3240	-	-	Pro[N]		
-	328	330	328	-	-	330	-	330	330	-	-	Pro[kgf]		
0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	-	-	P_1 [kW]	CNH C-73	6100DA
250	250	250	250	250	250	250	250	250	250	-	-	T_{OUT} [N·m]	CNF C-78	
25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	-	-	T_{OUT} [kgf·m]	CNV C-85	
5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	-	-	Pro[N]		
550	550	550	550	550	550	550	550	550	550	-	-	Pro[kgf]		
0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	-	-	P_1 [kW]	CNH C-73	6105DA
296	300	300	300	296	296	300	296	300	300	-	-	T_{OUT} [N·m]	CNF C-78	
30.2	30.6	30.6	30.6	30.2	30.2	30.6	30.2	30.6	30.6	-	-	T_{OUT} [kgf·m]	CNV C-85	
5090	5400	4780	5400	5090	5090	4780	5090	4780	4780	-	-	Pro[N]		
519	550	488	550	519	519	488	519	488	488	-	-	Pro[kgf]		
0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	-	-	P_1 [kW]	CNH C-73	6120DA
525	525	525	525	525	525	525	525	525	525	-	-	T_{OUT} [N·m]	CNF C-78	
53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	-	-	T_{OUT} [kgf·m]	CNV C-85	
9810	9810	9780	9810	9810	9810	9780	9810	9780	9780	-	-	Pro[N]		
1000	1000	997	1000	1000	1000	997	1000	997	997	-	-	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	0.100	0.100	P_1 [kW]	CNH C-73	6120DB
-	-	-	-	-	-	-	-	-	-	525	525	T_{OUT} [N·m]	CNF C-78	
-	-	-	-	-	-	-	-	-	-	53.5	53.5	T_{OUT} [kgf·m]	CNV C-85	
-	-	-	-	-	-	-	-	-	-	9780	9780	Pro[N]		
-	-	-	-	-	-	-	-	-	-	997	997	Pro[kgf]		
0.106	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	-	-	P_1 [kW]	CNH C-73	6125DA
630	630	630	630	630	630	630	630	630	630	-	-	T_{OUT} [N·m]	CNF C-78	
64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	-	-	T_{OUT} [kgf·m]	CNV C-85	
9810	9810	9560	9810	9810	9810	9560	9810	9560	9560	-	-	Pro[N]		
1000	1000	974	1000	1000	1000	974	1000	974	974	-	-	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	0.100	0.100	P_1 [kW]	CNH C-73	6125DB
-	-	-	-	-	-	-	-	-	-	630	630	T_{OUT} [N·m]	CNF C-78	
-	-	-	-	-	-	-	-	-	-	64.2	64.2	T_{OUT} [kgf·m]	CNV C-85	
-	-	-	-	-	-	-	-	-	-	9560	9560	Pro[N]		
-	-	-	-	-	-	-	-	-	-	974	974	Pro[kgf]		
0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	-	-	P_1 [kW]	CHH C-74	6130DA
912	780	848	780	912	912	848	912	848	848	-	-	T_{OUT} [N·m]	CHF C-79	
93.0	79.5	86.5	79.5	93.0	93.0	86.5	93.0	86.5	86.5	-	-	T_{OUT} [kgf·m]	CVV C-86	
14700	14700	14700	14700	14700	14700	14700	14700	14700	14700	-	-	Pro[N]		
1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	-	-	Pro[kgf]		
1003	1247	1479	1849	2065	2537	3045	3481	4437	5133	6177	7569	Ratio[Z]	Dim. Page	Frame Size
1.45	1.16	0.980	0.784	0.702	0.572	0.476	0.417	0.327	0.282	0.235	0.192	n_2 [r/min]		

Note: 3. Necessary input power for starting is printed in bold face. Do not exceed allowable output torque after startup.

Selection Tables 6000 Series Reducer

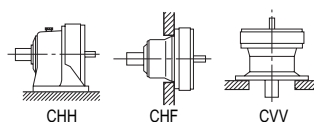
Double Reduction Ratio 104,121 ~ 7569 Frame Size: 6130DB ~ 6160DB

Input Speed		$n_1 = 1450$ r/min		n_1 : Input Speed [r/min]		T_{out} : Allowable output torque [N·m, kgf·m]		n_2 : Output Speed [r/min]		Pro: Allowable output shaft radial load [N, kgf]		P : Allowable input power [kW]		*Consult us for Pro of CNF and CHF type.	
Frame Size	n_2 [r/min]	13.9	12.0	10.1	8.79	7.44	6.28	5.31	4.55	3.85	3.07	2.59	2.23	1.98	1.72
	Ratio[Z]	104	121	143	165	195	231	273	319	377	473	559	649	731	841
6130DB	P_i [kW]	1.27	1.09	0.920	0.798	0.675	0.570	0.482	0.413	0.349	-	-	-	-	-
	T_{out} [N·m]	780	780	780	780	780	780	780	780	780	-	-	-	-	-
	T_{out} [kgf·m]	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	-	-	-	-	-
	Pro[N]	14700	14700	14700	14700	14700	14700	14700	14700	14700	-	-	-	-	-
	Pro[kgf]	1500	1500	1500	1500	1500	1500	1500	1500	1500	-	-	-	-	-
6130DC	P_i [kW]	1.27	-	-	-	-	-	-	-	-	-	-	-	-	-
	T_{out} [N·m]	780	-	-	-	-	-	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	79.5	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pro[N]	14700	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pro[kgf]	1500	-	-	-	-	-	-	-	-	-	-	-	-	-
6135DA	P_i [kW]	-	-	-	-	-	-	-	0.429	0.421	0.335	0.284	0.273	0.217	0.200
	T_{out} [N·m]	-	-	-	-	-	-	-	812	940	940	940	1050	940	940
	T_{out} [kgf·m]	-	-	-	-	-	-	-	82.8	95.8	95.8	95.8	107	95.8	95.8
	Pro[N]	-	-	-	-	-	-	-	14700	14700	14700	14700	14700	14700	14700
	Pro[kgf]	-	-	-	-	-	-	-	1500	1500	1500	1500	1500	1500	1500
6135DB	P_i [kW]	1.52	1.31	1.11	0.961	0.813	0.686	0.581	0.497	0.421	0.335	-	-	-	-
	T_{out} [N·m]	940	940	940	940	940	940	940	940	940	940	-	-	-	-
	T_{out} [kgf·m]	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	-	-	-	-
	Pro[N]	14700	14700	14700	14700	14700	14700	14700	14700	14700	14700	-	-	-	-
	Pro[kgf]	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	-	-	-	-
6135DC	P_i [kW]	1.52	1.31	-	-	-	-	-	-	-	-	-	-	-	-
	T_{out} [N·m]	940	940	-	-	-	-	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	95.8	95.8	-	-	-	-	-	-	-	-	-	-	-	-
	Pro[N]	14700	14700	-	-	-	-	-	-	-	-	-	-	-	-
	Pro[kgf]	1500	1500	-	-	-	-	-	-	-	-	-	-	-	-
6140DA	P_i [kW]	-	-	-	-	-	-	-	-	0.429	0.429	0.370	0.318	0.283	0.246
	T_{out} [N·m]	-	-	-	-	-	-	-	-	960	1200	1230	1230	1230	1230
	T_{out} [kgf·m]	-	-	-	-	-	-	-	-	97.8	123	125	125	125	125
	Pro[N]	-	-	-	-	-	-	-	-	16000	16000	16000	16000	16000	16000
	Pro[kgf]	-	-	-	-	-	-	-	-	1630	1630	1630	1630	1630	1630
6140DB	P_i [kW]	1.60	1.60	1.45	1.25	1.06	0.895	0.757	0.648	0.548	0.437	0.370	-	-	-
	T_{out} [N·m]	986	1150	1230	1230	1230	1230	1230	1230	1230	1230	1230	-	-	-
	T_{out} [kgf·m]	100	117	125	125	125	125	125	125	125	125	125	-	-	-
	Pro[N]	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	-	-	-
	Pro[kgf]	1630	1630	1630	1630	1630	1630	1630	1630	1630	1630	1630	-	-	-
69140DC	P_i [kW]	1.99	1.71	1.45	1.25	-	-	-	-	-	-	-	-	-	-
	T_{out} [N·m]	1230	1230	1230	1230	-	-	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	125	125	125	125	-	-	-	-	-	-	-	-	-	-
	Pro[N]	16000	16000	16000	16000	-	-	-	-	-	-	-	-	-	-
	Pro[kgf]	1630	1630	1630	1630	-	-	-	-	-	-	-	-	-	-
6145DA	P_i [kW]	-	-	-	-	-	-	-	-	-	-	0.413	0.356	0.316	0.275
	T_{out} [N·m]	-	-	-	-	-	-	-	-	-	-	1370	1370	1370	1370
	T_{out} [kgf·m]	-	-	-	-	-	-	-	-	-	-	140	140	140	140
	Pro[N]	-	-	-	-	-	-	-	-	-	-	15700	16000	15700	15800
	Pro[kgf]	-	-	-	-	-	-	-	-	-	-	1600	1630	1600	1610
6145DB	P_i [kW]	-	-	1.60	1.39	1.17	0.977	0.827	0.725	0.613	0.489	0.413	0.356	-	0.275
	T_{out} [N·m]	-	-	1360	1360	1360	1340	1340	1370	1370	1370	1370	1370	-	1370
	T_{out} [kgf·m]	-	-	138	138	138	136	136	140	140	140	140	140	-	140
	Pro[N]	-	-	16000	16000	16000	16000	16000	15800	15800	15700	15700	16000	-	15800
	Pro[kgf]	-	-	1630	1630	1630	1630	1630	1610	1610	1600	1600	1630	-	1610
6145DC	P_i [kW]	2.22	1.80	1.62	1.39	-	-	-	-	-	-	-	-	-	-
	T_{out} [N·m]	1370	1290	1370	1360	-	-	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	140	132	140	138	-	-	-	-	-	-	-	-	-	-
	Pro[N]	15900	16000	15900	16000	-	-	-	-	-	-	-	-	-	-
	Pro[kgf]	1620	1630	1620	1630	-	-	-	-	-	-	-	-	-	-
6160DA	P_i [kW]	-	-	-	1.60	1.52	1.28	1.08	0.928	0.785	0.619	0.524	0.456	0.400	0.400
	T_{out} [N·m]	-	-	-	1560	1760	1760	1760	1760	1760	1740	1740	1760	1740	1760
	T_{out} [kgf·m]	-	-	-	159	179	179	179	179	179	177	177	179	177	179
	Pro[N]	-	-	-	22100	22100	22100	22100	22100	22100	22100	22100	22100	22100	22100
	Pro[kgf]	-	-	-	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250
6160DB	P_i [kW]	2.85	2.45	2.07	1.79	1.52	1.28	-	-	-	-	-	-	-	-
	T_{out} [N·m]	1760	1760	1760	1760	1760	1760	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	179	179	179	179	179	179	-	-	-	-	-	-	-	-
	Pro[N]	22100	22100	22100	22100	22100	22100	-	-	-	-	-	-	-	-
	Pro[kgf]	2250	2250	2250	2250	2250	2250	-	-	-	-	-	-	-	-
Frame Size	Ratio[Z]	104	121	143	165	195	231	273	319	377	473	559	649	731	841
	n_2 [r/min]	13.9	12.0	10.1	8.79	7.44	6.28	5.31	4.55	3.85	3.07	2.59	2.23	1.98	1.72

Note: 1. Allowable radial load Pro is the value at the midpoint of the output shaft. Refer to pages F-11~12 when radial load is off the midpoint of output shaft and for checking thrust load.

2. Refer to pages F-15~16 for allowable radial load for input shaft.

Selection Tables 6000 Series Reducer



Input Speed

 $n_1 = 1450 \text{ r/min}$

1.45	1.16	0.980	0.784	0.702	0.572	0.476	0.417	0.327	0.282	0.235	0.192	n_2 [r/min]	Dim. Page	Frame Size
1003	1247	1479	1849	2065	2537	3045	3481	4437	5133	6177	7569	Ratio[Z]		
-	-	-	-	-	-	-	-	-	-	0.200	0.200	P _i [kW]	CHH C-74	6130DB
-	-	-	-	-	-	-	-	-	-	848	848	T _{OUT} [N·m]	CHF C-79	
-	-	-	-	-	-	-	-	-	-	86.5	86.5	T _{OUT} [kgf·m]	CVV C-86	
-	-	-	-	-	-	-	-	-	-	14700	14700	Pro [N]		
-	-	-	-	-	-	-	-	-	-	1500	1500	Pro [kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P _i [kW]	CHH C-74	6130DC
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [N·m]	CHF C-79	
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [kgf·m]	CVV C-86	
-	-	-	-	-	-	-	-	-	-	-	-	Pro [N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro [kgf]		
0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	-	-	P _i [kW]	CHH C-74	6135DA
1050	940	979	940	1050	1050	979	1050	979	979	-	-	T _{OUT} [N·m]	CHF C-79	
107	95.8	99.8	95.8	107	107	99.8	107	99.8	99.8	-	-	T _{OUT} [kgf·m]	CVV C-86	
14700	14700	14700	14700	14700	14700	14700	14700	14700	14700	-	-	Pro [N]		
1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	-	Pro [kgf]		
-	-	-	-	-	-	-	-	-	-	0.200	0.200	P _i [kW]	CHH C-74	6135DB
-	-	-	-	-	-	-	-	-	-	979	979	T _{OUT} [N·m]	CHF C-79	
-	-	-	-	-	-	-	-	-	-	99.8	99.8	T _{OUT} [kgf·m]	CVV C-86	
-	-	-	-	-	-	-	-	-	-	14700	14700	Pro [N]		
-	-	-	-	-	-	-	-	-	-	1500	1500	Pro [kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P _i [kW]	CHH C-74	6135DC
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [N·m]	CHF C-79	
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [kgf·m]	CVV C-86	
-	-	-	-	-	-	-	-	-	-	-	-	Pro [N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro [kgf]		
0.206	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	-	-	P _i [kW]	CHH C-74	6140DA
1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	-	-	T _{OUT} [N·m]	CHF C-79	
125	125	125	125	125	125	125	125	125	125	-	-	T _{OUT} [kgf·m]	CVV C-86	
16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	-	-	Pro [N]		
1630	1630	1630	1630	1630	1630	1630	1630	1630	1630	-	-	Pro [kgf]		
-	-	-	-	-	-	-	-	-	-	0.200	0.200	P _i [kW]	CHH C-74	6140DB
-	-	-	-	-	-	-	-	-	-	1230	1230	T _{OUT} [N·m]	CHF C-79	
-	-	-	-	-	-	-	-	-	-	125	125	T _{OUT} [kgf·m]	CVV C-86	
-	-	-	-	-	-	-	-	-	-	16000	16000	Pro [N]		
-	-	-	-	-	-	-	-	-	-	1630	1630	Pro [kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P _i [kW]	CHH C-74	69140DC
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [N·m]	CHF C-79	
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [kgf·m]	CVV C-86	
-	-	-	-	-	-	-	-	-	-	-	-	Pro [N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro [kgf]		
0.230	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	-	-	P _i [kW]	CHH C-74	6145DA
1370	1370	1250	1370	1370	1370	1250	1370	1250	1250	-	-	T _{OUT} [N·m]	CHF C-79	
140	140	127	140	140	140	127	140	127	127	-	-	T _{OUT} [kgf·m]	CVV C-86	
16000	15700	16000	15700	16000	16000	16000	16000	16000	16000	-	-	Pro [N]		
1630	1600	1630	1600	1630	1630	1630	1630	1630	1630	-	-	Pro [kgf]		
-	-	-	-	-	-	-	-	-	-	0.200	0.200	P _i [kW]	CHH C-74	6145DB
-	-	-	-	-	-	-	-	-	-	1250	1250	T _{OUT} [N·m]	CHF C-79	
-	-	-	-	-	-	-	-	-	-	127	127	T _{OUT} [kgf·m]	CVV C-86	
-	-	-	-	-	-	-	-	-	-	16000	16000	Pro [N]		
-	-	-	-	-	-	-	-	-	-	1630	1630	Pro [kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P _i [kW]	CHH C-74	6145DC
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [N·m]	CHF C-79	
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [kgf·m]	CVV C-86	
-	-	-	-	-	-	-	-	-	-	-	-	Pro [N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro [kgf]		
0.400	0.400	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	P _i [kW]	CHH C-74	6160DA
1760	1740	1760	1740	1760	1760	1760	1760	1760	1760	1760	1760	T _{OUT} [N·m]	CHF C-79	
179	177	179	177	179	179	179	179	179	179	179	179	T _{OUT} [kgf·m]	CVV C-86	
22100	22100	22100	22100	22100	22100	22100	22100	22100	22100	22100	22100	Pro [N]		
2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	Pro [kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P _i [kW]	CHH C-74	6160DB
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [N·m]	CHF C-79	
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [kgf·m]	CVV C-86	
-	-	-	-	-	-	-	-	-	-	-	-	Pro [N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro [kgf]		
1003	1247	1479	1849	2065	2537	3045	3481	4437	5133	6177	7569	Ratio[Z]	Dim. Page	Frame Size
1.45	1.16	0.980	0.784	0.702	0.572	0.476	0.417	0.327	0.282	0.235	0.192	n_2 [r/min]		

Note: 3. Necessary input power for starting is printed in bold face. Do not exceed allowable output torque after startup.

Selection Tables 6000 Series Reducer

Double Reduction Ratio 104,121 ~ 7569 Frame Size: 6160DC ~ 6185DA

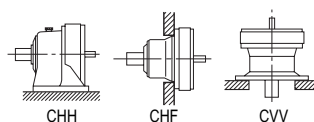
Input Speed	$n_1 = 1450$ r/min	n_1 : Input Speed [r/min]	T_{out} : Allowable output torque [N·m, kgf·m]
		n_2 : Output Speed [r/min]	Pro: Allowable output shaft radial load [N, kgf]
		P : Allowable input power [kW]	*Consult us for Pro of CNF and CHF type.

Frame Size	n_2 [r/min]	13.9	12.0	10.1	8.79	7.44	6.28	5.31	4.55	3.85	3.07	2.59	2.23	1.98	1.72
	Ratio[Z]	104	121	143	165	195	231	273	319	377	473	559	649	731	841
6160DC	P_i [kW]	2.85	2.45	2.07	-	-	-	-	-	-	-	-	-	-	-
	T_{out} [N·m]	1760	1760	1760	-	-	-	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	179	179	179	-	-	-	-	-	-	-	-	-	-	-
	Pro[N]	22100	22100	22100	-	-	-	-	-	-	-	-	-	-	-
	Pro[kgf]	2250	2250	2250	-	-	-	-	-	-	-	-	-	-	-
6165DA	P_i [kW]	-	-	-	-	1.60	1.53	1.30	1.11	0.940	0.749	0.634	0.546	0.485	0.421
	T_{out} [N·m]	-	-	-	-	1850	2100	2100	2100	2100	2100	2100	2100	2100	2100
	T_{out} [kgf·m]	-	-	-	-	188	214	214	214	214	214	214	214	214	214
	Pro[N]	-	-	-	-	22100	22100	22100	22100	22100	22100	22100	22100	22100	22100
	Pro[kgf]	-	-	-	-	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250
6165DB	P_i [kW]	3.36	2.93	2.48	2.15	1.82	1.53	1.30	-	-	-	-	-	-	-
	T_{out} [N·m]	2070	2100	2100	2100	2100	2100	2100	-	-	-	-	-	-	-
	T_{out} [kgf·m]	211	214	214	214	214	214	214	-	-	-	-	-	-	-
	Pro[N]	22100	22100	22100	22100	22100	22100	22100	-	-	-	-	-	-	-
	Pro[kgf]	2250	2250	2250	2250	2250	2250	2250	-	-	-	-	-	-	-
6165DC	P_i [kW]	3.41	2.93	2.48	2.15	-	-	-	-	-	-	-	-	-	-
	T_{out} [N·m]	2100	2100	2100	2100	-	-	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	214	214	214	214	-	-	-	-	-	-	-	-	-	-
	Pro[N]	22100	22100	22100	22100	-	-	-	-	-	-	-	-	-	-
	Pro[kgf]	2250	2250	2250	2250	-	-	-	-	-	-	-	-	-	-
6170DA	P_i [kW]	-	-	-	-	-	1.60	1.56	1.34	1.13	0.902	0.764	0.658	0.584	0.508
	T_{out} [N·m]	-	-	-	-	-	2190	2530	2530	2530	2530	2530	2530	2530	2530
	T_{out} [kgf·m]	-	-	-	-	-	223	258	258	258	258	258	258	258	258
	Pro[N]	-	-	-	-	-	29500	29500	29500	29500	29500	29500	29500	29500	29500
	Pro[kgf]	-	-	-	-	-	3010	3010	3010	3010	3010	3010	3010	3010	3010
6170DB	P_i [kW]	-	3.36	2.98	2.59	2.19	1.85	1.56	1.34	-	-	-	-	-	-
	T_{out} [N·m]	-	2410	2530	2530	2530	2530	2530	2530	-	-	-	-	-	-
	T_{out} [kgf·m]	-	245	258	258	258	258	258	258	-	-	-	-	-	-
	Pro[N]	-	29500	29500	29500	29500	29500	29500	29500	-	-	-	-	-	-
	Pro[kgf]	-	3010	3010	3010	3010	3010	3010	3010	-	-	-	-	-	-
6170DC	P_i [kW]	4.10	3.53	2.98	2.59	2.19	1.85	-	-	-	-	-	-	-	-
	T_{out} [N·m]	2530	2530	2530	2530	2530	2530	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	258	258	258	258	258	258	-	-	-	-	-	-	-	-
	Pro[N]	29500	29500	29500	29500	29500	29500	-	-	-	-	-	-	-	-
	Pro[kgf]	3010	3010	3010	3010	3010	3010	-	-	-	-	-	-	-	-
6175DA	P_i [kW]	-	-	-	-	-	-	1.60	1.60	1.41	1.12	0.951	0.819	0.727	0.632
	T_{out} [N·m]	-	-	-	-	-	-	2590	3020	3150	3150	3150	3150	3150	3150
	T_{out} [kgf·m]	-	-	-	-	-	-	264	308	321	321	321	321	321	321
	Pro[N]	-	-	-	-	-	-	29500	29500	29500	29500	29500	29500	29500	29500
	Pro[kgf]	-	-	-	-	-	-	3010	3010	3010	3010	3010	3010	3010	3010
6175DB	P_i [kW]	-	-	3.36	3.22	2.73	2.30	1.95	1.67	1.41	-	-	-	-	-
	T_{out} [N·m]	-	-	2840	3150	3150	3150	3150	3150	3150	-	-	-	-	-
	T_{out} [kgf·m]	-	-	290	321	321	321	321	321	321	-	-	-	-	-
	Pro[N]	-	-	29500	29500	29500	29500	29500	29500	29500	-	-	-	-	-
	Pro[kgf]	-	-	3010	3010	3010	3010	3010	3010	3010	-	-	-	-	-
6175DC	P_i [kW]	5.11	4.39	3.72	3.22	2.73	2.30	1.95	-	-	-	-	-	-	-
	T_{out} [N·m]	3150	3150	3150	3150	3150	3150	3150	-	-	-	-	-	-	-
	T_{out} [kgf·m]	321	321	321	321	321	321	321	-	-	-	-	-	-	-
	Pro[N]	29500	29500	29500	29500	29500	29500	29500	-	-	-	-	-	-	-
	Pro[kgf]	3010	3010	3010	3010	3010	3010	3010	-	-	-	-	-	-	-
6180DA	P_i [kW]	-	-	-	3.36	3.36	2.96	2.50	2.14	1.81	1.45	1.22	1.05	0.937	0.813
	T_{out} [N·m]	-	-	-	3280	3880	4050	4050	4050	4050	4060	4060	4050	4060	4050
	T_{out} [kgf·m]	-	-	-	335	395	413	413	413	413	414	414	413	414	413
	Pro[N]	-	-	-	41700	41700	41700	41700	41700	41700	41700	41700	41700	41700	41700
	Pro[kgf]	-	-	-	4250	4250	4250	4250	4250	4250	4250	4250	4250	4250	4250
6180DB	P_i [kW]	6.59	5.66	4.79	4.15	3.51	2.96	2.50	2.14	-	-	-	-	-	-
	T_{out} [N·m]	4060	4060	4060	4060	4060	4050	4050	4050	-	-	-	-	-	-
	T_{out} [kgf·m]	414	414	414	414	414	413	413	413	-	-	-	-	-	-
	Pro[N]	40200	41700	41700	41700	41700	41700	41700	41700	-	-	-	-	-	-
	Pro[kgf]	4100	4250	4250	4250	4250	4250	4250	4250	-	-	-	-	-	-
6185DA	P_i [kW]	-	-	-	-	-	3.36	3.09	2.64	2.24	1.78	1.51	1.30	1.15	1.00
	T_{out} [N·m]	-	-	-	-	-	4600	5000	5000	5000	5000	5000	5000	5000	5000
	T_{out} [kgf·m]	-	-	-	-	-	468	510	510	510	510	510	510	510	510
	Pro[N]	-	-	-	-	-	41700	41700	41700	41700	41700	41700	41600	41700	41700
	Pro[kgf]	-	-	-	-	-	4250	4250	4250	4250	4250	4250	4240	4250	4250
Frame Size	Ratio[Z]	104	121	143	165	195	231	273	319	377	473	559	649	731	841
	n_2 [r/min]	13.9	12.0	10.1	8.79	7.44	6.28	5.31	4.55	3.85	3.07	2.59	2.23	1.98	1.72

Note: 1. Allowable radial load Pro is the value at the midpoint of the output shaft. Refer to pages F-11~12 when radial load is off the midpoint of output shaft and for checking thrust load.

2. Refer to pages F-15~16 for allowable radial load for input shaft.

Selection Tables 6000 Series Reducer



Input Speed

 $n_1 = 1450 \text{ r/min}$

1.45	1.16	0.980	0.784	0.702	0.572	0.476	0.417	0.327	0.282	0.235	0.192	n_2 [r/min]	Dim. Page	Frame Size
1003	1247	1479	1849	2065	2537	3045	3481	4437	5133	6177	7569	Ratio[Z]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-75	6160DC
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
0.400	0.400	0.400	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	P_i [kW]	CHH C-74	6165DA
2100	2100	2050	2100	2100	2100	2050	2100	2050	2050	2050	2050	T_{OUT} [N·m]	CHF C-79	
214	214	209	214	214	214	209	214	209	209	209	209	T_{OUT} [kgf·m]	CVV C-86	
22100	22100	21800	22100	22100	22100	21800	22100	21800	21800	21800	21800	Pro[N]		
2250	2250	2220	2250	2250	2250	2220	2250	2220	2220	2220	2220	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-74	6165DB
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-79	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-86	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-75	6165DC
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
0.426	0.400	0.400	0.400	0.207	0.200	0.200	0.200	0.200	0.200	0.200	0.200	P_i [kW]	CHH C-74	6170DA
2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	T_{OUT} [N·m]	CHF C-79	
258	258	258	258	258	258	258	258	258	258	258	258	T_{OUT} [kgf·m]	CVV C-86	
29500	29500	29500	29500	29500	29500	29500	29500	29500	29500	29500	29500	Pro[N]		
3010	3010	3010	3010	3010	3010	3010	3010	3010	3010	3010	3010	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-74	6170DB
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-79	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-86	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-75	6170DC
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
0.530	0.426	0.400	0.400	0.400	0.209	0.200	0.200	0.200	0.200	0.200	0.200	P_i [kW]	CHH C-74	6175DA
3150	3150	3150	3150	3150	3150	3150	3150	3150	3150	3150	3150	T_{OUT} [N·m]	CHF C-79	
321	321	321	321	321	321	321	321	321	321	321	321	T_{OUT} [kgf·m]	CVV C-86	
29500	29500	29500	29500	29500	29500	29500	29500	29500	29500	29500	29500	Pro[N]		
3010	3010	3010	3010	3010	3010	3010	3010	3010	3010	3010	3010	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-74	6175DB
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-79	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-86	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-75	6175DC
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
0.750	0.750	0.463	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	P_i [kW]	CHH C-74	6180DA
4050	4060	4060	4060	4050	4050	4060	4050	4060	4060	4060	4060	T_{OUT} [N·m]	CHF C-79	
413	414	414	414	413	413	414	413	414	414	414	414	T_{OUT} [kgf·m]	CVV C-86	
41700	41700	41700	41700	41700	41700	41700	41700	41700	41700	41700	41700	Pro[N]		
4250	4250	4250	4250	4250	4250	4250	4250	4250	4250	4250	4250	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-75	6180DB
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
0.841	0.750	0.750	0.750	0.408	0.400	0.400	0.400	0.400	0.400	0.400	0.400	P_i [kW]	CHH C-74	6185DA
5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	T_{OUT} [N·m]	CHF C-79	
510	510	510	510	510	510	510	510	510	510	510	510	T_{OUT} [kgf·m]	CVV C-86	
41600	41700	41700	41700	41600	41600	41700	41600	41700	41700	41700	41700	Pro[N]		
4240	4250	4250	4250	4240	4240	4250	4240	4250	4250	4250	4250	Pro[kgf]		
1003	1247	1479	1849	2065	2537	3045	3481	4437	5133	6177	7569	Ratio[Z]	Dim. Page	Frame Size
1.45	1.16	0.980	0.784	0.702	0.572	0.476	0.417	0.327	0.282	0.235	0.192	n_2 [r/min]		

Note: 3. Necessary input power for starting is printed in bold face. Do not exceed allowable output torque after startup.

Selection Tables 6000 Series Reducer

Double Reduction Ratio 104,121 ~ 7569 Frame Size: 6185DB ~ 6235DB

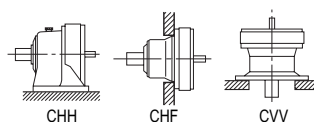
Input Speed	$n_1 = 1450$ r/min	n_1 : Input Speed [r/min]	T_{out} : Allowable output torque [N·m, kgf·m]
		n_2 : Output Speed [r/min]	Pro: Allowable output shaft radial load [N, kgf]
		P : Allowable input power [kW]	*Consult us for Pro of CNF and CHF type.

Frame Size	n_2 [r/min]	13.9	12.0	10.1	8.79	7.44	6.28	5.31	4.55	3.85	3.07	2.59	2.23	1.98	1.72
	Ratio[Z]	104	121	143	165	195	231	273	319	377	473	559	649	731	841
6185DB	P_i [kW]	7.95	6.70	5.78	5.03	4.26	3.65	3.09	2.64	2.24	-	-	-	-	-
	T_{out} [N·m]	4900	4810	4900	4920	4920	5000	5000	5000	5000	-	-	-	-	-
	T_{out} [kgf·m]	500	490	500	502	502	510	510	510	510	-	-	-	-	-
	Pro[N]	39900	41700	41700	41700	41700	41700	41700	41700	41700	-	-	-	-	-
	Pro[kgf]	4060	4250	4250	4250	4250	4250	4250	4250	4250	-	-	-	-	-
6190DA	P_i [kW]	-	-	6.25	6.25	5.52	4.66	3.94	3.37	2.85	2.28	1.93	1.66	1.47	1.28
	T_{out} [N·m]	-	-	5300	6110	6380	6380	6380	6380	6380	6380	6380	6380	6380	6380
	T_{out} [kgf·m]	-	-	540	623	650	650	650	650	650	650	650	650	650	650
	Pro[N]	-	-	59000	59000	58900	59000	59000	59000	59000	59000	59000	58600	59000	59000
	Pro[kgf]	-	-	6010	6010	6000	6010	6010	6010	6010	6010	6010	5970	6010	6010
6190DB	P_i [kW]	10.3	8.90	7.53	6.52	5.52	4.66	-	-	-	-	-	-	-	-
	T_{out} [N·m]	6380	6380	6380	6380	6380	6380	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	650	650	650	650	650	650	-	-	-	-	-	-	-	-
	Pro[N]	55800	59000	58700	58900	58900	59000	-	-	-	-	-	-	-	-
	Pro[kgf]	5690	6010	5980	6000	6000	6010	-	-	-	-	-	-	-	-
6195DA	P_i [kW]	-	-	-	-	5.63	5.81	4.92	4.21	3.56	2.84	2.40	2.07	1.84	1.60
	T_{out} [N·m]	-	-	-	-	6500	7960	7960	7960	7960	7960	7960	7960	7960	7960
	T_{out} [kgf·m]	-	-	-	-	663	811	811	811	811	811	811	811	811	811
	Pro[N]	-	-	-	-	58800	59000	59000	59000	59000	59000	59000	58100	59000	59000
	Pro[kgf]	-	-	-	-	6000	6010	6010	6010	6010	6010	6010	5930	6010	6010
6195DB	P_i [kW]	11.9	10.6	9.00	8.09	6.84	5.81	4.92	-	-	-	-	-	-	-
	T_{out} [N·m]	7350	7580	7630	7910	7910	7960	7960	-	-	-	-	-	-	-
	T_{out} [kgf·m]	750	773	778	806	806	811	811	-	-	-	-	-	-	-
	Pro[N]	55400	59000	58200	58300	58300	59000	59000	-	-	-	-	-	-	-
	Pro[kgf]	5650	6010	5940	5940	5940	6010	6010	-	-	-	-	-	-	-
6205DA	P_i [kW]	-	-	-	-	-	5.17	4.27	3.83	2.95	2.64	2.20	2.20	2.20	2.20
	T_{out} [N·m]	-	-	-	-	-	8370	8080	8550	8280	8760	8300	9300	9230	9230
	T_{out} [kgf·m]	-	-	-	-	-	853	823	872	844	893	846	948	941	941
	Pro[N]	-	-	-	-	-	84100	84100	84100	84100	84100	84100	84100	84100	84100
	Pro[kgf]	-	-	-	-	-	8570	8570	8570	8570	8570	8570	8570	8570	8570
6205DB	P_i [kW]	-	11.9	-	9.48	8.02	6.77	5.73	4.88	4.13	3.32	2.81	2.42	2.20	-
	T_{out} [N·m]	-	8560	-	9270	9270	9270	9270	9230	9230	9300	9300	9300	9300	-
	T_{out} [kgf·m]	-	872	-	945	945	945	945	941	941	948	948	948	948	-
	Pro[N]	-	84100	-	84100	84100	84100	84100	84100	84100	84100	84100	84100	84100	-
	Pro[kgf]	-	8570	-	8570	8570	8570	8570	8570	8570	8570	8570	8570	8570	-
6215DA	P_i [kW]	-	-	-	11.9	10.5	9.13	7.72	6.69	5.66	4.51	3.82	3.29	2.92	2.54
	T_{out} [N·m]	-	-	-	11700	12200	12500	12500	12700	12700	12700	12700	12700	12700	12700
	T_{out} [kgf·m]	-	-	-	1190	1240	1270	1270	1290	1290	1290	1290	1290	1290	1290
	Pro[N]	-	-	-	104000	104000	104000	104000	104000	104000	104000	104000	104000	104000	104000
	Pro[kgf]	-	-	-	10600	10600	10600	10600	10600	10600	10600	10600	10600	10600	10600
6215DB	P_i [kW]	-	15.9	-	12.4	10.5	-	-	-	-	-	-	-	-	-
	T_{out} [N·m]	-	11400	-	12200	12200	-	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	-	1160	-	1240	1240	-	-	-	-	-	-	-	-	-
	Pro[N]	-	104000	-	104000	104000	-	-	-	-	-	-	-	-	-
	Pro[kgf]	-	10600	-	10600	10600	-	-	-	-	-	-	-	-	-
6225DA	P_i [kW]	-	-	-	10.8	10.8	9.15	7.95	6.73	5.71	4.83	4.13	3.69	3.02	3.02
	T_{out} [N·m]	-	-	-	12500	14800	14800	15000	15000	16000	16000	15900	16000	15000	15000
	T_{out} [kgf·m]	-	-	-	1270	1510	1510	1530	1530	1630	1630	1620	1630	1530	1530
	Pro[N]	-	-	-	129000	137000	145000	145000	145000	145000	145000	145000	145000	145000	145000
	Pro[kgf]	-	-	-	13200	14000	14700	14800	14800	14800	14800	14800	14800	14800	14800
6225DB	P_i [kW]	-	18.8	-	14.8	12.5	10.8	-	-	-	-	-	-	-	-
	T_{out} [N·m]	-	13500	-	14500	14500	14800	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	-	1370	-	1480	1480	1510	-	-	-	-	-	-	-	-
	Pro[N]	-	113000	-	122000	129000	137000	-	-	-	-	-	-	-	-
	Pro[kgf]	-	11500	-	12500	13100	14000	-	-	-	-	-	-	-	-
6235DA	P_i [kW]	-	25.4	-	20.0	17.0	13.8	11.7	10.00	8.46	7.31	6.19	5.33	4.73	3.79
	T_{out} [N·m]	-	18200	-	19600	19600	18900	18900	18900	18900	20500	20500	20500	20500	18900
	T_{out} [kgf·m]	-	1860	-	2000	2000	1930	1930	1930	1930	2090	2090	2090	2090	1930
	Pro[N]	-	141000	-	151000	159000	171000	179000	179000	179000	179000	179000	179000	179000	179000
	Pro[kgf]	-	14300	-	15400	16200	17400	18200	18200	18200	18200	18200	18200	18200	18200
6235DB	P_i [kW]	-	26.1	-	20.0	-	-	-	-	-	-	-	-	-	-
	T_{out} [N·m]	-	18700	-	19600	-	-	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	-	1910	-	2000	-	-	-	-	-	-	-	-	-	-
	Pro[N]	-	141000	-	151000	-	-	-	-	-	-	-	-	-	-
	Pro[kgf]	-	14300	-	15400	-	-	-	-	-	-	-	-	-	-
Frame Size	Ratio[Z]	104	121	143	165	195	231	273	319	377	473	559	649	731	841
	n_2 [r/min]	13.9	12.0	10.1	8.79	7.44	6.28	5.31	4.55	3.85	3.07	2.59	2.23	1.98	1.72

Note: 1. Allowable radial load Pro is the value at the midpoint of the output shaft. Refer to pages F-11~12 when radial load is off the midpoint of output shaft and for checking thrust load.

2. Refer to pages F-15~16 for allowable radial load for input shaft.

Selection Tables 6000 Series Reducer



Input Speed

 $n_1 = 1450 \text{ r/min}$

1.45	1.16	0.980	0.784	0.702	0.572	0.476	0.417	0.327	0.282	0.235	0.192	n_2 [r/min]	Dim. Page	Frame Size
1003	1247	1479	1849	2065	2537	3045	3481	4437	5133	6177	7569	Ratio[Z]		
-	-	-	-	-	-	-	-	-	-	-	-	P ₁ [kW]	CHH C-75	6185DB
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
1.07	0.863	0.750	0.750	0.750	0.750	0.750	0.750	0.750	0.750	0.750	0.750	P ₁ [kW]	CHH C-75	6190DA
6380	6380	6380	6380	6380	6380	6380	6380	6380	6380	6380	6380	T _{OUT} [N·m]	CHF C-80	
650	650	650	650	650	650	650	650	650	650	650	650	T _{OUT} [kgf·m]	CVV C-87	
58600	59000	58900	59000	58600	58600	58900	58600	58900	58900	58900	58900	Pro[N]		
5970	6010	6000	6010	5970	5970	6000	5970	6000	6000	6000	6000	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P ₁ [kW]	CHH C-75	6190DB
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
1.34	1.08	0.908	0.750	0.750	0.750	0.750	0.750	0.750	0.750	0.750	0.750	P ₁ [kW]	CHH C-75	6195DA
7960	7960	7960	7960	7960	7960	7960	7960	7960	7960	7960	7960	T _{OUT} [N·m]	CHF C-80	
811	811	811	811	811	811	811	811	811	811	811	811	T _{OUT} [kgf·m]	CVV C-87	
58100	59000	58400	59000	58100	58100	58400	58100	58400	58400	58400	58400	Pro[N]		
5930	6010	5950	6010	5930	5930	5950	5930	5950	5950	5950	5950	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P ₁ [kW]	CHH C-75	6195DB
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
2.20	1.50	1.50	1.50	1.50	0.750	0.750	0.750	0.750	0.750	0.750	0.750	P ₁ [kW]	CHH C-75	6205DA
9300	9300	8760	9300	9300	9300	8760	9300	8760	9300	8760	8760	T _{OUT} [N·m]	CHF C-80	
948	948	893	948	948	948	893	948	893	948	893	893	T _{OUT} [kgf·m]	CVV C-87	
84100	84100	84100	84100	84100	84100	84100	84100	84100	84100	84100	84100	Pro[N]		
8570	8570	8570	8570	8570	8570	8570	8570	8570	8570	8570	8570	Pro[kgf]		
2.20	-	1.50	-	-	-	-	-	-	-	-	-	P ₁ [kW]	CHH C-75	6205DB
9300	-	8760	-	-	-	-	-	-	-	-	-	T _{OUT} [N·m]	CHF C-80	
948	-	893	-	-	-	-	-	-	-	-	-	T _{OUT} [kgf·m]	CVV C-87	
84100	-	84100	-	-	-	-	-	-	-	-	-	Pro[N]		
8570	-	8570	-	-	-	-	-	-	-	-	-	Pro[kgf]		
2.20	2.20	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	P ₁ [kW]	CHH C-75	6215DA
12700	12700	11300	12700	12700	12700	11300	12700	11300	12700	11300	11300	T _{OUT} [N·m]	CHF C-80	
1290	1290	1150	1290	1290	1290	1150	1290	1150	1290	1150	1150	T _{OUT} [kgf·m]	CVV C-87	
104000	104000	104000	104000	104000	104000	104000	104000	104000	104000	104000	104000	Pro[N]		
10600	10600	10600	10600	10600	10600	10600	10600	10600	10600	10600	10600	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P ₁ [kW]	CHH C-75	6215DB
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
2.67	2.20	2.20	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	P ₁ [kW]	CHH C-75	6225DA
15900	16000	15100	16000	15900	15900	15100	15900	15100	15900	15100	15100	T _{OUT} [N·m]	CHF C-80	
1620	1630	1540	1630	1620	1620	1540	1620	1540	1620	1540	1540	T _{OUT} [kgf·m]	CVV C-87	
145000	145000	145000	145000	145000	145000	145000	145000	145000	145000	145000	145000	Pro[N]		
14800	14800	14800	14800	14800	14800	14800	14800	14800	14800	14800	14800	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P ₁ [kW]	CHH C-75	6225DB
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
3.45	2.77	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	P ₁ [kW]	CHH C-75	6235DA
20500	20500	17200	20500	20500	20500	17200	20500	17200	20500	17200	17200	T _{OUT} [N·m]	CHF C-80	
2090	2090	1750	2090	2090	2090	1750	2090	1750	2090	1750	1750	T _{OUT} [kgf·m]	CVV C-87	
179000	179000	179000	179000	179000	179000	179000	179000	179000	179000	179000	179000	Pro[N]		
18200	18200	18200	18200	18200	18200	18200	18200	18200	18200	18200	18200	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P ₁ [kW]	CHH C-75	6235DB
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
1003	1247	1479	1849	2065	2537	3045	3481	4437	5133	6177	7569	Ratio[Z]	Dim. Page	Frame Size
1.45	1.16	0.980	0.784	0.702	0.572	0.476	0.417	0.327	0.282	0.235	0.192	n_2 [r/min]		

Note: 3. Necessary input power for starting is printed in bold face. Do not exceed allowable output torque after startup.

Selection Tables 6000 Series Reducer

Double Reduction Ratio 104,121 ~ 7569 Frame Size: 6245DA ~ 6275DA

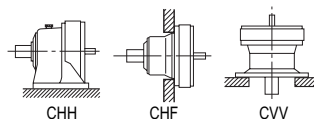
Input Speed	$n_1 = 1450$ r/min	n_1 : Input Speed [r/min]	T_{out} : Allowable output torque [N·m, kgf·m]
		n_2 : Output Speed [r/min]	Pro: Allowable output shaft radial load [N, kgf]
		P_i : Allowable input power [kW]	*Consult us for Pro of CNF and CHF type.

Frame Size	n_2 [r/min]	13.9	12.0	10.1	8.79	7.44	6.28	5.31	4.55	3.85	3.07	2.59	2.23	1.98	1.72
	Ratio[Z]	104	121	143	165	195	231	273	319	377	473	559	649	731	841
6245DA	P_i [kW]	-	-	-	25.4	22.7	18.8	15.9	13.6	11.5	9.20	7.79	6.71	5.95	5.18
	T_{out} [N·m]	-	-	-	24800	26200	25800	25800	25800	25800	25800	25800	25800	25800	25800
	T_{out} [kgf·m]	-	-	-	2530	2680	2630	2630	2630	2630	2630	2630	2630	2630	2630
	Pro[N]	-	-	-	168000	177000	189000	199000	208000	208000	208000	208000	208000	208000	208000
	Pro[kgf]	-	-	-	17100	18000	19300	20300	21200	21200	21200	21200	21200	21200	21200
6245DB	P_i [kW]	-	28.6	-	26.8	22.7	18.8	-	-	-	-	-	-	-	-
	T_{out} [N·m]	-	20500	-	26200	26200	25800	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	-	2090	-	2680	2680	2630	-	-	-	-	-	-	-	-
	Pro[N]	-	156000	-	168000	177000	189000	-	-	-	-	-	-	-	-
	Pro[kgf]	-	15900	-	17100	18000	19300	-	-	-	-	-	-	-	-
6255DA	P_i [kW]	-	31.8	-	31.8	27.0	22.6	19.2	17.2	14.5	12.3	10.4	8.97	7.96	6.51
	T_{out} [N·m]	-	22800	-	31100	31200	31000	31000	32500	32500	34500	34500	34500	34500	32500
	T_{out} [kgf·m]	-	2330	-	3170	3180	3160	3160	3310	3310	3520	3520	3520	3520	3310
	Pro[N]	-	192000	-	206000	216000	231000	243000	255000	258000	258000	258000	258000	258000	258000
	Pro[kgf]	-	19600	-	21000	22100	23500	24700	26000	26300	26300	26300	26300	26300	26300
6255DB	P_i [kW]	-	38.3	-	31.9	27.0	-	-	-	-	-	-	-	-	-
	T_{out} [N·m]	-	27500	-	31200	31200	-	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	-	2800	-	3180	3180	-	-	-	-	-	-	-	-	-
	Pro[N]	-	191000	-	206000	216000	-	-	-	-	-	-	-	-	-
	Pro[kgf]	-	19500	-	21000	22100	-	-	-	-	-	-	-	-	-
6265DA	P_i [kW]	-	43.7	-	44.7	37.8	33.6	28.4	24.3	20.6	16.4	13.9	12.0	10.6	9.23
	T_{out} [N·m]	-	31300	-	43700	43700	46000	46000	46000	46000	46000	46000	46000	46000	46000
	T_{out} [kgf·m]	-	3190	-	4460	4460	4690	4690	4690	4690	4690	4690	4690	4690	4690
	Pro[N]	-	234000	-	250000	263000	276000	276000	276000	276000	276000	276000	276000	276000	276000
	Pro[kgf]	-	23800	-	25500	26800	28100	28100	28100	28100	28100	28100	28100	28100	28100
6275DA	P_i [kW]	-	-	-	-	-	-	36.1	30.5	24.3	20.6	17.7	15.7	13.7	-
	T_{out} [N·m]	-	-	-	-	-	-	68200	68200	68200	68200	68200	68200	68200	68200
	T_{out} [kgf·m]	-	-	-	-	-	-	6950	6950	6950	6950	6950	6950	6950	6950
	Pro[N]	-	-	-	-	-	-	248000	248000	248000	248000	248000	248000	248000	248000
	Pro[kgf]	-	-	-	-	-	-	25300	25300	25300	25300	25300	25300	25300	25300
Frame Size	Ratio[Z]	104	121	143	165	195	231	273	319	377	473	559	649	731	841
	n_2 [r/min]	13.9	12.0	10.1	8.79	7.44	6.28	5.31	4.55	3.85	3.07	2.59	2.23	1.98	1.72

Note: 1. Allowable radial load Pro is the value at the midpoint of the output shaft. Refer to pages F-11~12 when radial load is off the midpoint of output shaft and for checking thrust load.

2. Refer to pages F-15~16 for allowable radial load for input shaft.

Selection Tables 6000 Series Reducer



Input Speed

 $n_1 = 1450 \text{ r/min}$

1.45	1.16	0.980	0.784	0.702	0.572	0.476	0.417	0.327	0.282	0.235	0.192	n_2 [r/min]	Dim. Page	Frame Size
1003	1247	1479	1849	2065	2537	3045	3481	4437	5133	6177	7569	Ratio[Z]		
4.34	3.49	2.58	2.35	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	P_i [kW]	CHH C-75	6245DA
25800	25800	22600	25800	25800	25800	22600	25800	22600	25800	22600	22600	T_{OUT} [N·m]	CHF C-80	
2630	2630	2310	2630	2630	2630	2310	2630	2310	2630	2310	2310	T_{OUT} [kgf·m]	CVV C-87	
208000	208000	208000	208000	208000	208000	208000	208000	208000	208000	208000	208000	Pro[N]		
21200	21200	21200	21200	21200	21200	21200	21200	21200	21200	21200	21200	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-75	6245DB
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
5.80	4.67	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	P_i [kW]	CHH C-75	6255DA
34500	34500	31000	34500	34500	34500	31000	34500	31000	34500	31000	31000	T_{OUT} [N·m]	CHF C-80	
3520	3520	3160	3520	3520	3520	3160	3520	3160	3520	3160	3160	T_{OUT} [kgf·m]	CVV C-87	
258000	258000	258000	258000	258000	258000	258000	258000	258000	258000	258000	258000	Pro[N]		
26300	26300	26300	26300	26300	26300	26300	26300	26300	26300	26300	26300	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-75	6255DB
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
7.74	6.22	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	P_i [kW]	CHH C-75	6265DA
46000	46000	44000	46000	46000	46000	44000	46000	44000	46000	44000	44000	T_{OUT} [N·m]	CHF C-80	
4690	4690	4490	4690	4690	4690	4490	4690	4490	4690	4490	4490	T_{OUT} [kgf·m]	CVV C-87	
276000	276000	276000	276000	276000	276000	276000	276000	276000	276000	276000	276000	Pro[N]		
28100	28100	28100	28100	28100	28100	28100	28100	28100	28100	28100	28100	Pro[kgf]		
11.5	9.23	7.78	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	P_i [kW]	CHH C-75	6275DA
68200	68200	68200	68200	68200	68200	68200	68200	68200	68200	68200	68200	T_{OUT} [N·m]	CHF C-80	
6950	6950	6950	6950	6950	6950	6950	6950	6950	6950	6950	6950	T_{OUT} [kgf·m]	CVV C-87	
248000	248000	245000	248000	248000	248000	245000	248000	245000	245000	245000	245000	Pro[N]		
25300	25300	25000	25300	25300	25300	25000	25300	25000	25000	25000	25000	Pro[kgf]		
1003	1247	1479	1849	2065	2537	3045	3481	4437	5133	6177	7569	Ratio[Z]	Dim. Page	Frame Size
1.45	1.16	0.980	0.784	0.702	0.572	0.476	0.417	0.327	0.282	0.235	0.192	n_2 [r/min]		

REDUCERS

Selection Tables
Ratio 104, 121 - 7569

Note: 3. Necessary input power for starting is printed in bold face. Do not exceed allowable output torque after startup.

Selection Tables 6000 Series Reducer

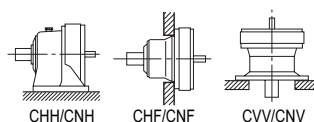
Double Reduction Ratio 104,121 ~ 7569 Frame Size: 6060DA ~ 6130DA

Input Speed		$n_1 = 1750$ r/min		n_1 : Input Speed [r/min]		T_{out} : Allowable output torque [N·m, kgf·m]		n_2 : Output Speed [r/min]		Pro: Allowable output shaft radial load [N, kgf]		P : Allowable input power [kW]		*Consult us for Pro of CNF and CHF type.	
Frame Size	n_2 [r/min]	16.8	14.5	12.2	10.6	8.97	7.58	6.41	5.49	4.64	3.70	3.13	2.70	2.39	2.08
	Ratio[Z]	104	121	143	165	195	231	273	319	377	473	559	649	731	841
6060DA	P_i [kW]	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	-	0.100	0.100
	T_{out} [N·m]	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	-	24.0	24.0
	T_{out} [kgf·m]	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	-	2.45	2.45
	Pro[N]	1180	1180	1180	1180	1180	1180	1180	1180	1180	1180	1180	-	1180	1180
	Pro[kgf]	120	120	120	120	120	120	120	120	120	120	120	-	120	120
6065DA	P_i [kW]	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	-	0.100	0.100
	T_{out} [N·m]	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	-	30.0	30.0
	T_{out} [kgf·m]	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	-	3.06	3.06
	Pro[N]	1180	1140	1180	1180	1180	1180	1180	1180	1180	1180	1180	-	1180	1180
	Pro[kgf]	120	116	120	120	120	120	120	120	120	120	120	-	120	120
6070DA	P_i [kW]	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
	T_{out} [N·m]	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
	T_{out} [kgf·m]	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59
	Pro[N]	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770
	Pro[kgf]	180	180	180	180	180	180	180	180	180	180	180	180	180	180
6075DA	P_i [kW]	0.117	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
	T_{out} [N·m]	60.0	50.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	57.4	60.0	60.0
	T_{out} [kgf·m]	6.12	5.18	6.12	6.12	6.12	6.12	6.12	6.12	6.12	6.12	6.12	5.85	6.12	6.12
	Pro[N]	1770	1770	1770	1770	1770	1770	1770	1770	1770	1660	1660	1580	1660	1770
	Pro[kgf]	180	180	180	180	180	180	180	180	180	169	169	161	169	180
6090DA	P_i [kW]	0.294	0.252	0.214	0.185	0.157	0.132	0.112	0.100	0.100	0.100	0.100	0.100	0.100	0.100
	T_{out} [N·m]	150	150	150	150	150	150	150	150	150	150	150	146	150	150
	T_{out} [kgf·m]	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	14.9	15.3	15.3
	Pro[N]	3340	3340	3340	3340	3340	3340	3340	3290	3290	3310	3310	3300	3310	3290
	Pro[kgf]	340	340	340	340	340	340	340	336	336	338	338	336	338	336
6095DA	P_i [kW]	0.354	0.270	0.261	0.247	0.209	0.176	0.149	0.128	0.108	0.100	0.100	-	0.100	0.100
	T_{out} [N·m]	181	160	183	200	200	200	200	200	200	200	200	-	200	200
	T_{out} [kgf·m]	18.4	16.4	18.7	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	-	20.4	20.4
	Pro[N]	3340	3340	3340	3340	3340	3340	3340	3200	3200	3220	3220	-	3220	3200
	Pro[kgf]	340	340	340	340	340	340	340	326	326	328	328	-	328	326
6100DA	P_i [kW]	0.429	0.421	0.356	0.308	0.261	0.220	0.186	0.160	0.135	0.108	0.100	0.100	0.100	0.100
	T_{out} [N·m]	219	250	250	250	250	250	250	250	250	250	250	250	250	250
	T_{out} [kgf·m]	22.4	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
	Pro[N]	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400
	Pro[kgf]	550	550	550	550	550	550	550	550	550	550	550	550	550	550
6105DA	P_i [kW]	0.429	0.429	0.427	0.370	0.313	0.264	0.224	0.191	0.162	0.129	0.109	0.100	0.100	0.100
	T_{out} [N·m]	219	255	300	300	300	300	300	300	300	300	300	296	300	300
	T_{out} [kgf·m]	22.4	26.0	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.2	30.6	30.6
	Pro[N]	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	5090	5400	5400
	Pro[kgf]	550	550	550	550	550	550	550	550	550	550	550	519	550	550
6120DA	P_i [kW]	-	-	0.429	0.429	0.429	0.429	0.389	0.332	0.281	0.226	0.191	0.165	0.146	0.126
	T_{out} [N·m]	-	-	302	348	411	487	522	520	520	525	525	525	525	520
	T_{out} [kgf·m]	-	-	30.7	35.5	41.9	49.7	53.2	53.0	53.0	53.5	53.5	53.5	53.5	53.0
	Pro[N]	-	-	9810	9810	9810	9810	9810	9810	9810	9810	9810	9810	9810	9810
	Pro[kgf]	-	-	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
6120DB	P_i [kW]	1.03	0.883	0.748	0.648	0.548	0.460	-	-	-	-	-	-	-	-
	T_{out} [N·m]	525	525	525	525	525	522	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	53.5	53.5	53.5	53.5	53.5	53.2	-	-	-	-	-	-	-	-
	Pro[N]	9810	9810	9810	9810	9810	9810	-	-	-	-	-	-	-	-
	Pro[kgf]	1000	1000	1000	1000	1000	1000	-	-	-	-	-	-	-	-
6125DA	P_i [kW]	-	-	-	-	-	0.429	0.429	0.402	0.340	0.271	0.229	0.198	0.175	0.153
	T_{out} [N·m]	-	-	-	-	-	487	576	630	630	630	630	630	630	630
	T_{out} [kgf·m]	-	-	-	-	-	49.7	58.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2
	Pro[N]	-	-	-	-	-	9810	9810	9810	9810	9810	9810	9810	9810	9810
	Pro[kgf]	-	-	-	-	-	1000	1000	1000	1000	1000	1000	1000	1000	1000
6125DB	P_i [kW]	1.23	1.05	0.897	0.777	0.658	0.555	0.470	0.402	-	-	-	-	-	-
	T_{out} [N·m]	630	622	630	630	630	630	630	630	-	-	-	-	-	-
	T_{out} [kgf·m]	64.2	63.4	64.2	64.2	64.2	64.2	64.2	64.2	-	-	-	-	-	-
	Pro[N]	9810	9810	9810	9810	9810	9810	9810	9810	-	-	-	-	-	-
	Pro[kgf]	1000	1000	1000	1000	1000	1000	1000	1000	-	-	-	-	-	-
6130DA	P_i [kW]	-	-	-	-	-	0.429	0.429	0.421	0.336	0.284	0.286	0.217	0.200	-
	T_{out} [N·m]	-	-	-	-	-	576	673	780	780	780	780	912	780	780
	T_{out} [kgf·m]	-	-	-	-	-	58.7	68.6	79.5	79.5	79.5	79.5	93.0	79.5	79.5
	Pro[N]	-	-	-	-	-	14700	14700	14700	14700	14700	14700	14700	14700	14700
	Pro[kgf]	-	-	-	-	-	1500	1500	1500	1500	1500	1500	1500	1500	1500
Frame Size	Ratio[Z]	104	121	143	165	195	231	273	319	377	473	559	649	731	841
	n_2 [r/min]	16.8	14.5	12.2	10.6	8.97	7.58	6.41	5.49	4.64	3.70	3.13	2.70	2.39	2.08

Note: 1. Allowable radial load Pro is the value at the midpoint of the output shaft. Refer to pages F-11~12 when radial load is off the midpoint of output shaft and for checking thrust load.

2. Refer to pages F-15~16 for allowable radial load for input shaft.

Selection Tables 6000 Series Reducer



Input Speed

 $n_1 = 1750 \text{ r/min}$

1.74	1.40	1.18	0.946	0.847	0.690	0.575	0.503	0.394	0.341	0.283	0.231	n_2 [r/min]	Dim. Page	Frame Size
1003	1247	1479	1849	2065	2537	3045	3481	4437	5133	6177	7569	Ratio[Z]		
-	0.100	-	0.100	-	-	-	-	-	-	-	-	P ₁ [kW]	CNH C-73 CNF C-78 CNV C-85	6060DA
-	24.0	-	24.0	-	-	-	-	-	-	-	-	T _{OUT} [N·m]		
-	2.45	-	2.45	-	-	-	-	-	-	-	-	T _{OUT} [kgf·m]		
-	1180	-	1180	-	-	-	-	-	-	-	-	Pro[N]		
-	120	-	120	-	-	-	-	-	-	-	-	Pro[kgf]		
-	0.100	-	0.100	-	-	-	-	-	-	-	-	P ₁ [kW]	CNH C-73 CNF C-78 CNV C-85	6065DA
-	30.0	-	30.0	-	-	-	-	-	-	-	-	T _{OUT} [N·m]		
-	3.06	-	3.06	-	-	-	-	-	-	-	-	T _{OUT} [kgf·m]		
-	1180	-	1180	-	-	-	-	-	-	-	-	Pro[N]		
-	120	-	120	-	-	-	-	-	-	-	-	Pro[kgf]		
0.100	0.100	-	0.100	0.100	0.100	-	-	-	-	-	-	P ₁ [kW]	CNH C-73 CNF C-78 CNV C-85	6070DA
45.0	45.0	-	45.0	45.0	45.0	-	-	-	-	-	-	T _{OUT} [N·m]		
4.59	4.59	-	4.59	4.59	4.59	-	-	-	-	-	-	T _{OUT} [kgf·m]		
1770	1770	-	1770	1770	1770	-	-	-	-	-	-	Pro[N]		
180	180	-	180	180	180	-	-	-	-	-	-	Pro[kgf]		
0.100	0.100	-	0.100	0.100	0.100	-	-	-	-	-	-	P ₁ [kW]	CNH C-73 CNF C-78 CNV C-85	6075DA
57.4	60.0	-	60.0	57.4	57.4	-	-	-	-	-	-	T _{OUT} [N·m]		
5.85	6.12	-	6.12	5.85	5.85	-	-	-	-	-	-	T _{OUT} [kgf·m]		
1580	1660	-	1660	1580	1580	-	-	-	-	-	-	Pro[N]		
161	169	-	169	161	161	-	-	-	-	-	-	Pro[kgf]		
0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	-	-	P ₁ [kW]	CNH C-73 CNF C-78 CNV C-85	6090DA
146	150	150	150	146	146	150	146	150	150	-	-	T _{OUT} [N·m]		
14.9	15.3	15.3	15.3	14.9	14.9	15.3	14.9	15.3	15.3	-	-	T _{OUT} [kgf·m]		
3300	3310	3310	3310	3300	3300	3310	3300	3310	3310	-	-	Pro[N]		
336	338	338	338	336	336	338	336	338	338	-	-	Pro[kgf]		
-	0.100	0.100	0.100	-	-	0.100	-	0.100	0.100	-	-	P ₁ [kW]	CNH C-73 CNF C-78 CNV C-85	6095DA
-	200	193	200	-	-	192	-	192	192	-	-	T _{OUT} [N·m]		
-	20.4	19.6	20.4	-	-	19.6	-	19.6	19.6	-	-	T _{OUT} [kgf·m]		
-	3220	3240	3220	-	-	3240	-	3240	3240	-	-	Pro[N]		
-	328	330	328	-	-	330	-	330	330	-	-	Pro[kgf]		
0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	-	-	P ₁ [kW]	CNH C-73 CNF C-78 CNV C-85	6100DA
250	250	250	250	250	250	250	250	250	250	-	-	T _{OUT} [N·m]		
25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	-	-	T _{OUT} [kgf·m]		
5400	5400	5400	5400	5400	5400	5400	5400	5400	5400	-	-	Pro[N]		
550	550	550	550	550	550	550	550	550	550	-	-	Pro[kgf]		
0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	-	-	P ₁ [kW]	CNH C-73 CNF C-78 CNV C-85	6105DA
296	300	300	300	296	296	300	296	300	300	-	-	T _{OUT} [N·m]		
30.2	30.6	30.6	30.6	30.2	30.2	30.6	30.2	30.6	30.6	-	-	T _{OUT} [kgf·m]		
5090	5400	4780	5400	5090	5090	4780	5090	4780	4780	-	-	Pro[N]		
519	550	488	550	519	519	488	519	488	488	-	-	Pro[kgf]		
0.107	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	-	-	P ₁ [kW]	CNH C-73 CNF C-78 CNV C-85	6120DA
525	525	525	525	525	525	525	525	525	525	-	-	T _{OUT} [N·m]		
53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	-	-	T _{OUT} [kgf·m]		
9810	9810	9780	9810	9810	9810	9780	9810	9780	9780	-	-	Pro[N]		
1000	1000	997	1000	1000	1000	997	1000	997	997	-	-	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	0.100	0.100	P ₁ [kW]	CNH C-73 CNF C-78 CNV C-85	6120DB
-	-	-	-	-	-	-	-	-	-	525	525	T _{OUT} [N·m]		
-	-	-	-	-	-	-	-	-	-	53.5	53.5	T _{OUT} [kgf·m]		
-	-	-	-	-	-	-	-	-	-	9780	9780	Pro[N]		
-	-	-	-	-	-	-	-	-	-	997	997	Pro[kgf]		
0.128	0.103	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	-	-	P ₁ [kW]	CNH C-73 CNF C-78 CNV C-85	6125DA
630	630	630	630	630	630	630	630	630	630	-	-	T _{OUT} [N·m]		
64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	-	-	T _{OUT} [kgf·m]		
9810	9810	9560	9810	9810	9810	9560	9810	9560	9560	-	-	Pro[N]		
1000	1000	974	1000	1000	1000	974	1000	974	974	-	-	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	0.100	0.100	P ₁ [kW]	CNH C-73 CNF C-78 CNV C-85	6125DB
-	-	-	-	-	-	-	-	-	-	630	630	T _{OUT} [N·m]		
-	-	-	-	-	-	-	-	-	-	64.2	64.2	T _{OUT} [kgf·m]		
-	-	-	-	-	-	-	-	-	-	9560	9560	Pro[N]		
-	-	-	-	-	-	-	-	-	-	974	974	Pro[kgf]		
0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	-	-	P ₁ [kW]	CHH C-74 CHF C-79 CVV C-86	6130DA
912	780	848	780	912	912	848	912	848	848	-	-	T _{OUT} [N·m]		
93.0	79.5	86.5	79.5	93.0	93.0	86.5	93.0	86.5	86.5	-	-	T _{OUT} [kgf·m]		
14700	14700	14700	14700	14700	14700	14700	14700	14700	14700	-	-	Pro[N]		
1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	-	-	Pro[kgf]		
1003	1247	1479	1849	2065	2537	3045	3481	4437	5133	6177	7569	Ratio[Z]	Dim. Page	Frame Size
1.74	1.40	1.18	0.946	0.847	0.690	0.575	0.503	0.394	0.341	0.283	0.231	n_2 [r/min]		

Note: 3. Necessary input power for starting is printed in bold face. Do not exceed allowable output torque after startup.

Selection Tables 6000 Series Reducer

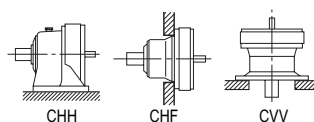
Double Reduction Ratio 104,121 ~ 7569 Frame Size: 6130DB ~ 6160DB

Input Speed		$n_1 = 1750$ r/min		n_1 : Input Speed [r/min]		T_{out} : Allowable output torque [N·m, kgf·m]		n_2 : Output Speed [r/min]		Pro: Allowable output shaft radial load [N, kgf]		P : Allowable input power [kW]		*Consult us for Pro of CNF and CHF type.	
Frame Size	n_2 [r/min]	16.8	14.5	12.2	10.6	8.97	7.58	6.41	5.49	4.64	3.70	3.13	2.70	2.39	2.08
	Ratio[Z]	104	121	143	165	195	231	273	319	377	473	559	649	731	841
6130DB	P_i [kW]	1.53	1.31	1.11	0.963	0.814	0.688	0.582	0.498	0.421	-	-	-	-	-
	T_{out} [N·m]	780	780	780	780	780	780	780	780	780	-	-	-	-	-
	T_{out} [kgf·m]	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	-	-	-	-	-
	Pro[N]	14700	14700	14700	14700	14700	14700	14700	14700	14700	-	-	-	-	-
	Pro[kgf]	1500	1500	1500	1500	1500	1500	1500	1500	1500	-	-	-	-	-
6130DC	P_i [kW]	1.53	-	-	-	-	-	-	-	-	-	-	-	-	-
	T_{out} [N·m]	780	-	-	-	-	-	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	79.5	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pro[N]	14700	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pro[kgf]	1500	-	-	-	-	-	-	-	-	-	-	-	-	-
6135DA	P_i [kW]	-	-	-	-	-	-	-	0.429	0.429	0.405	0.342	0.329	0.262	0.228
	T_{out} [N·m]	-	-	-	-	-	-	-	673	795	940	940	1050	940	940
	T_{out} [kgf·m]	-	-	-	-	-	-	-	68.6	81.1	95.8	95.8	107	95.8	95.8
	Pro[N]	-	-	-	-	-	-	-	14700	14700	14700	14700	14700	14700	14700
	Pro[kgf]	-	-	-	-	-	-	-	1500	1500	1500	1500	1500	1500	1500
6135DB	P_i [kW]	1.60	1.58	1.34	1.16	0.981	0.829	0.701	0.600	0.508	0.405	-	-	-	-
	T_{out} [N·m]	817	940	940	940	940	940	940	940	940	940	-	-	-	-
	T_{out} [kgf·m]	83.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	-	-	-	-
	Pro[N]	14700	14700	14700	14700	14700	14700	14700	14700	14700	14700	-	-	-	-
	Pro[kgf]	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	-	-	-	-
6135DC	P_i [kW]	1.84	1.58	-	-	-	-	-	-	-	-	-	-	-	-
	T_{out} [N·m]	940	940	-	-	-	-	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	95.8	95.8	-	-	-	-	-	-	-	-	-	-	-	-
	Pro[N]	14700	14700	-	-	-	-	-	-	-	-	-	-	-	-
	Pro[kgf]	1500	1500	-	-	-	-	-	-	-	-	-	-	-	-
6140DA	P_i [kW]	-	-	-	-	-	-	-	-	0.429	0.429	0.429	0.384	0.341	0.297
	T_{out} [N·m]	-	-	-	-	-	-	-	-	795	998	1180	1230	1230	1230
	T_{out} [kgf·m]	-	-	-	-	-	-	-	-	81.1	102	120	125	125	125
	Pro[N]	-	-	-	-	-	-	-	-	16000	16000	16000	16000	16000	16000
	Pro[kgf]	-	-	-	-	-	-	-	-	1630	1630	1630	1630	1630	1630
6140DB	P_i [kW]	1.60	1.60	1.60	1.51	1.28	1.08	0.914	0.782	0.662	0.527	0.446	-	-	-
	T_{out} [N·m]	817	950	1120	1230	1230	1230	1230	1230	1230	1230	1230	-	-	-
	T_{out} [kgf·m]	83.3	96.9	114	125	125	125	125	125	125	125	125	-	-	-
	Pro[N]	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	-	-	-
	Pro[kgf]	1630	1630	1630	1630	1630	1630	1630	1630	1630	1630	1630	-	-	-
6140DC	P_i [kW]	2.40	2.06	1.74	1.51	-	-	-	-	-	-	-	-	-	-
	T_{out} [N·m]	1230	1230	1230	1230	-	-	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	125	125	125	125	-	-	-	-	-	-	-	-	-	-
	Pro[N]	16000	16000	16000	16000	-	-	-	-	-	-	-	-	-	-
	Pro[kgf]	1630	1630	1630	1630	-	-	-	-	-	-	-	-	-	-
6145DA	P_i [kW]	-	-	-	-	-	-	-	-	-	-	0.429	0.429	0.382	0.302
	T_{out} [N·m]	-	-	-	-	-	-	-	-	-	-	1180	1370	1370	1250
	T_{out} [kgf·m]	-	-	-	-	-	-	-	-	-	-	120	140	140	127
	Pro[N]	-	-	-	-	-	-	-	-	-	-	16000	16000	15700	16000
	Pro[kgf]	-	-	-	-	-	-	-	-	-	-	1630	1630	1600	1630
6145DB	P_i [kW]	-	-	1.60	1.60	1.42	1.18	0.998	0.874	0.740	0.590	0.499	0.430	-	0.332
	T_{out} [N·m]	-	-	1120	1300	1360	1340	1340	1370	1370	1370	1370	1370	-	1370
	T_{out} [kgf·m]	-	-	114	132	138	136	136	140	140	140	140	140	-	140
	Pro[N]	-	-	16000	16000	16000	16000	16000	15800	15800	15700	15700	16000	-	15800
	Pro[kgf]	-	-	1630	1630	1630	1630	1630	1610	1610	1600	1600	1630	-	1610
6145DC	P_i [kW]	2.68	2.17	1.95	1.68	-	-	-	-	-	-	-	-	-	-
	T_{out} [N·m]	1370	1290	1370	1360	-	-	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	140	132	140	138	-	-	-	-	-	-	-	-	-	-
	Pro[N]	15900	16000	15900	16000	-	-	-	-	-	-	-	-	-	-
	Pro[kgf]	1620	1630	1620	1630	-	-	-	-	-	-	-	-	-	-
6160DA	P_i [kW]	-	-	-	1.60	1.60	1.55	1.31	1.12	0.948	0.747	0.632	0.551	0.483	0.425
	T_{out} [N·m]	-	-	-	1300	1530	1760	1760	1760	1760	1740	1740	1760	1740	1760
	T_{out} [kgf·m]	-	-	-	132	156	179	179	179	179	177	177	179	177	179
	Pro[N]	-	-	-	22100	22100	22100	22100	22100	22100	22100	22100	22100	22100	22100
	Pro[kgf]	-	-	-	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250
6160DB	P_i [kW]	3.36	2.95	2.50	2.17	1.83	1.55	-	-	-	-	-	-	-	-
	T_{out} [N·m]	1710	1760	1760	1760	1760	1760	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	175	179	179	179	179	179	-	-	-	-	-	-	-	-
	Pro[N]	22100	22100	22100	22100	22100	22100	-	-	-	-	-	-	-	-
	Pro[kgf]	2250	2250	2250	2250	2250	2250	-	-	-	-	-	-	-	-
Frame Size	Ratio[Z]	104	121	143	165	195	231	273	319	377	473	559	649	731	841
	n_2 [r/min]	16.8	14.5	12.2	10.6	8.97	7.58	6.41	5.49	4.64	3.70	3.13	2.70	2.39	2.08

Note: 1. Allowable radial load Pro is the value at the midpoint of the output shaft. Refer to pages F-11~12 when radial load is off the midpoint of output shaft and for checking thrust load.

2. Refer to pages F-15~16 for allowable radial load for input shaft.

Selection Tables 6000 Series Reducer



Input Speed

 $n_1 = 1750 \text{ r/min}$

1.74	1.40	1.18	0.946	0.847	0.690	0.575	0.503	0.394	0.341	0.283	0.231	n_2 [r/min]	Dim. Page	Frame Size
1003	1247	1479	1849	2065	2537	3045	3481	4437	5133	6177	7569	Ratio[Z]		
-	-	-	-	-	-	-	-	-	-	0.200	0.200	P _i [kW]	CHH C-74	6130DB
-	-	-	-	-	-	-	-	-	-	848	848	T _{OUT} [N·m]	CHF C-79	
-	-	-	-	-	-	-	-	-	-	86.5	86.5	T _{OUT} [kgf·m]	CVV C-86	
-	-	-	-	-	-	-	-	-	-	14700	14700	Pro[N]		
-	-	-	-	-	-	-	-	-	-	1500	1500	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P _i [kW]	CHH C-74	6130DC
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [N·m]	CHF C-79	
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [kgf·m]	CVV C-86	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
0.213	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	-	-	P _i [kW]	CHH C-74	6135DA
1050	940	979	940	1050	1050	979	1050	979	979	-	-	T _{OUT} [N·m]	CHF C-79	
107	95.8	99.8	95.8	107	107	99.8	107	99.8	99.8	-	-	T _{OUT} [kgf·m]	CVV C-86	
14700	14700	14700	14700	14700	14700	14700	14700	14700	14700	-	-	Pro[N]		
1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	-	-	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	0.200	0.200	P _i [kW]	CHH C-74	6135DB
-	-	-	-	-	-	-	-	-	-	979	979	T _{OUT} [N·m]	CHF C-79	
-	-	-	-	-	-	-	-	-	-	99.8	99.8	T _{OUT} [kgf·m]	CVV C-86	
-	-	-	-	-	-	-	-	-	-	14700	14700	Pro[N]		
-	-	-	-	-	-	-	-	-	-	1500	1500	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P _i [kW]	CHH C-74	6135DC
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [N·m]	CHF C-79	
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [kgf·m]	CVV C-86	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
0.249	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	-	-	P _i [kW]	CHH C-74	6140DA
1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	-	-	T _{OUT} [N·m]	CHF C-79	
125	125	125	125	125	125	125	125	125	125	-	-	T _{OUT} [kgf·m]	CVV C-86	
16000	16000	16000	16000	16000	16000	16000	16000	16000	16000	-	-	Pro[N]		
1630	1630	1630	1630	1630	1630	1630	1630	1630	1630	-	-	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	0.200	0.200	P _i [kW]	CHH C-74	6140DB
-	-	-	-	-	-	-	-	-	-	1230	1230	T _{OUT} [N·m]	CHF C-79	
-	-	-	-	-	-	-	-	-	-	125	125	T _{OUT} [kgf·m]	CVV C-86	
-	-	-	-	-	-	-	-	-	-	16000	16000	Pro[N]		
-	-	-	-	-	-	-	-	-	-	1630	1630	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P _i [kW]	CHH C-74	6140DC
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [N·m]	CHF C-79	
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [kgf·m]	CVV C-86	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
0.278	0.224	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	-	-	P _i [kW]	CHH C-74	6145DA
1370	1370	1250	1370	1370	1370	1250	1370	1250	1250	-	-	T _{OUT} [N·m]	CHF C-79	
140	140	127	140	140	140	127	140	127	127	-	-	T _{OUT} [kgf·m]	CVV C-86	
16000	15700	16000	15700	16000	16000	16000	16000	16000	16000	-	-	Pro[N]		
1630	1600	1630	1600	1630	1630	1630	1630	1630	1630	-	-	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	0.200	0.200	P _i [kW]	CHH C-74	6145DB
-	-	-	-	-	-	-	-	-	-	1250	1250	T _{OUT} [N·m]	CHF C-79	
-	-	-	-	-	-	-	-	-	-	127	127	T _{OUT} [kgf·m]	CVV C-86	
-	-	-	-	-	-	-	-	-	-	16000	16000	Pro[N]		
-	-	-	-	-	-	-	-	-	-	1630	1630	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P _i [kW]	CHH C-74	6145DC
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [N·m]	CHF C-79	
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [kgf·m]	CVV C-86	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
0.400	0.400	0.400	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	P _i [kW]	CHH C-74	6160DA
1760	1740	1760	1740	1760	1760	1760	1760	1760	1760	1760	1760	T _{OUT} [N·m]	CHF C-79	
179	177	179	177	179	179	179	179	179	179	179	179	T _{OUT} [kgf·m]	CVV C-86	
22100	22100	22100	22100	22100	22100	22100	22100	22100	22100	22100	22100	Pro[N]		
2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P _i [kW]	CHH C-74	6160DB
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [N·m]	CHF C-79	
-	-	-	-	-	-	-	-	-	-	-	-	T _{OUT} [kgf·m]	CVV C-86	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
1003	1247	1479	1849	2065	2537	3045	3481	4437	5133	6177	7569	Ratio[Z]	Dim. Page	Frame Size
1.74	1.40	1.18	0.946	0.847	0.690	0.575	0.503	0.394	0.341	0.283	0.231	n_2 [r/min]		

Note: 3. Necessary input power for starting is printed in bold face. Do not exceed allowable output torque after startup.

Selection Tables 6000 Series Reducer

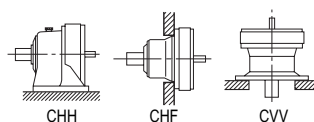
Double Reduction Ratio 104,121 ~ 7569 Frame Size: 6160DC ~ 6185DA

Input Speed		$n_1 = 1750$ r/min		n_1 : Input Speed [r/min]		T_{out} : Allowable output torque [N·m, kgf·m]		n_2 : Output Speed [r/min]		Pro: Allowable output shaft radial load [N, kgf]		P : Allowable input power [kW]		*Consult us for Pro of CNF and CHF type.	
Frame Size	n_2 [r/min]	16.8	14.5	12.2	10.6	8.97	7.58	6.41	5.49	4.64	3.70	3.13	2.70	2.39	2.08
	Ratio[Z]	104	121	143	165	195	231	273	319	377	473	559	649	731	841
6160DC	P_i [kW]	3.44	2.95	2.50	-	-	-	-	-	-	-	-	-	-	-
	T_{out} [N·m]	1760	1760	1760	-	-	-	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	179	179	179	-	-	-	-	-	-	-	-	-	-	-
	Pro[N]	22100	22100	22100	-	-	-	-	-	-	-	-	-	-	-
	Pro[kgf]	2250	2250	2250	-	-	-	-	-	-	-	-	-	-	-
6165DA	P_i [kW]	-	-	-	-	1.60	1.60	1.57	1.34	1.13	0.904	0.765	0.659	0.585	0.508
	T_{out} [N·m]	-	-	-	-	1530	1810	2100	2100	2100	2100	2100	2100	2100	2100
	T_{out} [kgf·m]	-	-	-	-	156	185	214	214	214	214	214	214	214	214
	Pro[N]	-	-	-	-	22100	22100	22100	22100	22100	22100	22100	22100	22100	22100
	Pro[kgf]	-	-	-	-	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250
6165DB	P_i [kW]	3.36	3.36	2.99	2.59	2.19	1.85	1.57	-	-	-	-	-	-	-
	T_{out} [N·m]	1710	1990	2100	2100	2100	2100	2100	-	-	-	-	-	-	-
	T_{out} [kgf·m]	175	203	214	214	214	214	214	-	-	-	-	-	-	-
	Pro[N]	22100	22100	22100	22100	22100	22100	22100	-	-	-	-	-	-	-
	Pro[kgf]	2250	2250	2250	2250	2250	2250	2250	-	-	-	-	-	-	-
6165DC	P_i [kW]	4.11	3.53	2.99	2.59	-	-	-	-	-	-	-	-	-	-
	T_{out} [N·m]	2100	2100	2100	2100	-	-	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	214	214	214	214	-	-	-	-	-	-	-	-	-	-
	Pro[N]	22100	22100	22100	22100	-	-	-	-	-	-	-	-	-	-
	Pro[kgf]	2250	2250	2250	2250	-	-	-	-	-	-	-	-	-	-
6170DA	P_i [kW]	-	-	-	-	-	1.60	1.60	1.60	1.37	1.09	0.922	0.794	0.705	0.613
	T_{out} [N·m]	-	-	-	-	-	1810	2140	2510	2530	2530	2530	2530	2530	2530
	T_{out} [kgf·m]	-	-	-	-	-	185	219	255	258	258	258	258	258	258
	Pro[N]	-	-	-	-	-	29500	29500	29500	29500	29500	29500	29500	29500	29500
	Pro[kgf]	-	-	-	-	-	3010	3010	3010	3010	3010	3010	3010	3010	3010
6170DB	P_i [kW]	-	3.36	3.36	3.12	2.64	2.23	1.89	1.61	-	-	-	-	-	-
	T_{out} [N·m]	-	1990	2360	2530	2530	2530	2530	2530	-	-	-	-	-	-
	T_{out} [kgf·m]	-	203	240	258	258	258	258	258	-	-	-	-	-	-
	Pro[N]	-	29500	29500	29500	29500	29500	29500	29500	-	-	-	-	-	-
	Pro[kgf]	-	3010	3010	3010	3010	3010	3010	3010	-	-	-	-	-	-
6170DC	P_i [kW]	4.95	4.26	3.60	3.12	2.64	2.23	-	-	-	-	-	-	-	-
	T_{out} [N·m]	2530	2530	2530	2530	2530	2530	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	258	258	258	258	258	258	-	-	-	-	-	-	-	-
	Pro[N]	28600	29500	29500	29500	29500	29500	-	-	-	-	-	-	-	-
	Pro[kgf]	2920	3010	3010	3010	3010	3010	-	-	-	-	-	-	-	-
6175DA	P_i [kW]	-	-	-	-	-	-	1.60	1.60	1.60	1.36	1.15	0.988	0.877	0.763
	T_{out} [N·m]	-	-	-	-	-	-	2140	2510	2960	3150	3150	3150	3150	3150
	T_{out} [kgf·m]	-	-	-	-	-	-	219	255	302	321	321	321	321	321
	Pro[N]	-	-	-	-	-	-	29500	29500	29500	29500	29500	29500	29500	29500
	Pro[kgf]	-	-	-	-	-	-	3010	3010	3010	3010	3010	3010	3010	3010
6175DB	P_i [kW]	-	-	3.36	3.36	3.29	2.78	2.35	2.01	1.70	-	-	-	-	-
	T_{out} [N·m]	-	-	2360	2720	3150	3150	3150	3150	3150	-	-	-	-	-
	T_{out} [kgf·m]	-	-	240	277	321	321	321	321	321	-	-	-	-	-
	Pro[N]	-	-	29500	29500	29500	29500	29500	29500	29500	-	-	-	-	-
	Pro[kgf]	-	-	3010	3010	3010	3010	3010	3010	3010	-	-	-	-	-
6175DC	P_i [kW]	6.17	5.30	4.49	3.89	3.29	2.78	2.35	-	-	-	-	-	-	-
	T_{out} [N·m]	3150	3150	3150	3150	3150	3150	3150	-	-	-	-	-	-	-
	T_{out} [kgf·m]	321	321	321	321	321	321	321	-	-	-	-	-	-	-
	Pro[N]	28300	29500	29500	29500	29500	29500	29500	-	-	-	-	-	-	-
	Pro[kgf]	2880	3010	3010	3010	3010	3010	3010	-	-	-	-	-	-	-
6180DA	P_i [kW]	-	-	-	3.36	3.36	3.36	3.02	2.59	2.19	1.75	1.48	1.27	1.13	0.981
	T_{out} [N·m]	-	-	-	2720	3210	3810	4050	4050	4050	4060	4060	4050	4060	4050
	T_{out} [kgf·m]	-	-	-	277	328	388	413	413	413	414	414	413	414	413
	Pro[N]	-	-	-	41700	41700	41700	41700	41700	41700	41700	41700	41700	41700	41700
	Pro[kgf]	-	-	-	4250	4250	4250	4250	4250	4250	4250	4250	4250	4250	4250
6180DB	P_i [kW]	7.95	6.83	5.78	5.01	4.24	3.57	3.02	2.59	-	-	-	-	-	-
	T_{out} [N·m]	4060	4060	4060	4060	4060	4050	4050	4050	-	-	-	-	-	-
	T_{out} [kgf·m]	414	414	414	414	414	413	413	413	-	-	-	-	-	-
	Pro[N]	37700	40300	41700	41700	41700	41700	41700	41700	-	-	-	-	-	-
	Pro[kgf]	3840	4100	4250	4250	4250	4250	4250	4250	-	-	-	-	-	-
6185DA	P_i [kW]	-	-	-	-	-	3.36	3.36	3.19	2.70	2.15	1.82	1.57	1.39	1.21
	T_{out} [N·m]	-	-	-	-	-	3810	4500	5000	5000	5000	5000	5000	5000	5000
	T_{out} [kgf·m]	-	-	-	-	-	388	459	510	510	510	510	510	510	510
	Pro[N]	-	-	-	-	-	41700	41700	41700	41700	41700	41700	41600	41700	41700
	Pro[kgf]	-	-	-	-	-	4250	4250	4250	4250	4250	4250	4240	4250	4250
Frame Size	Ratio[Z]	104	121	143	165	195	231	273	319	377	473	559	649	731	841
	n_2 [r/min]	16.8	14.5	12.2	10.6	8.97	7.58	6.41	5.49	4.64	3.70	3.13	2.70	2.39	2.08

Note: 1. Allowable radial load Pro is the value at the midpoint of the output shaft. Refer to pages F-11~12 when radial load is off the midpoint of output shaft and for checking thrust load.

2. Refer to pages F-15~16 for allowable radial load for input shaft.

Selection Tables 6000 Series Reducer



Input Speed

 $n_1 = 1750 \text{ r/min}$

1.74	1.40	1.18	0.946	0.847	0.690	0.575	0.503	0.394	0.341	0.283	0.231	n_2 [r/min]	Dim. Page	Frame Size
1003	1247	1479	1849	2065	2537	3045	3481	4437	5133	6177	7569	Ratio[Z]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-75	6160DC
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
0.426	0.400	0.400	0.400	0.207	0.200	0.200	0.200	0.200	0.200	0.200	0.200	P_i [kW]	CHH C-74	6165DA
2100	2100	2050	2100	2100	2100	2050	2100	2050	2050	2050	2050	T_{OUT} [N·m]	CHF C-79	
214	214	209	214	214	214	209	214	209	209	209	209	T_{OUT} [kgf·m]	CVV C-86	
22100	22100	21800	22100	22100	22100	21800	22100	21800	21800	21800	21800	Pro[N]		
2250	2250	2220	2250	2250	2250	2220	2250	2220	2220	2220	2220	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-74	6165DB
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-79	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-86	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-75	6165DC
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
0.514	0.413	0.400	0.400	0.400	0.203	0.200	0.200	0.200	0.200	0.200	0.200	P_i [kW]	CHH C-74	6170DA
2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	T_{OUT} [N·m]	CHF C-79	
258	258	258	258	258	258	258	258	258	258	258	258	T_{OUT} [kgf·m]	CVV C-86	
29500	29500	29500	29500	29500	29500	29500	29500	29500	29500	29500	29500	Pro[N]		
3010	3010	3010	3010	3010	3010	3010	3010	3010	3010	3010	3010	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-74	6170DB
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-79	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-86	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-75	6170DC
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
0.639	0.514	0.434	0.400	0.400	0.400	0.211	0.200	0.200	0.200	0.200	0.200	P_i [kW]	CHH C-74	6175DA
3150	3150	3150	3150	3150	3150	3150	3150	3150	3150	3150	3150	T_{OUT} [N·m]	CHF C-79	
321	321	321	321	321	321	321	321	321	321	321	321	T_{OUT} [kgf·m]	CVV C-86	
29500	29500	29500	29500	29500	29500	29500	29500	29500	29500	29500	29500	Pro[N]		
3010	3010	3010	3010	3010	3010	3010	3010	3010	3010	3010	3010	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-74	6175DB
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-79	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-86	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-75	6175DC
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
0.822	0.750	0.750	0.447	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	P_i [kW]	CHH C-74	6180DA
4050	4060	4060	4060	4050	4050	4060	4050	4060	4060	4060	4060	T_{OUT} [N·m]	CHF C-79	
413	414	414	414	413	413	414	413	414	414	414	414	T_{OUT} [kgf·m]	CVV C-86	
41700	41700	41700	41700	41700	41700	41700	41700	41700	41700	41700	41700	Pro[N]		
4250	4250	4250	4250	4250	4250	4250	4250	4250	4250	4250	4250	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-75	6180DB
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
1.01	0.816	0.750	0.750	0.750	0.401	0.400	0.400	0.400	0.400	0.400	0.400	P_i [kW]	CHH C-74	6185DA
5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	T_{OUT} [N·m]	CHF C-79	
510	510	510	510	510	510	510	510	510	510	510	510	T_{OUT} [kgf·m]	CVV C-86	
41600	41700	41700	41700	41600	41600	41700	41600	41700	41700	41700	41700	Pro[N]		
4240	4250	4250	4250	4240	4240	4250	4240	4250	4250	4250	4250	Pro[kgf]		
1003	1247	1479	1849	2065	2537	3045	3481	4437	5133	6177	7569	Ratio[Z]	Dim. Page	Frame Size
1.74	1.40	1.18	0.946	0.847	0.690	0.575	0.503	0.394	0.341	0.283	0.231	n_2 [r/min]		

Note: 3. Necessary input power for starting is printed in bold face. Do not exceed allowable output torque after startup.

Selection Tables 6000 Series Reducer

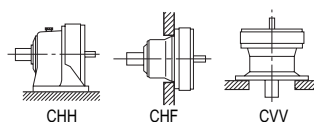
Double Reduction Ratio 104,121 ~ 7569 Frame Size: 6185DB ~ 6235DB

Input Speed		$n_1 = 1750$ r/min		n_1 : Input Speed [r/min]		T_{out} : Allowable output torque [N·m, kgf·m]		n_2 : Output Speed [r/min]		Pro: Allowable output shaft radial load [N, kgf]		P : Allowable input power [kW]		*Consult us for Pro of CNF and CHF type.	
Frame Size	n_2 [r/min]	16.8	14.5	12.2	10.6	8.97	7.58	6.41	5.49	4.64	3.70	3.13	2.70	2.39	2.08
	Ratio[Z]	104	121	143	165	195	231	273	319	377	473	559	649	731	841
6185DB	P_i [kW]	9.60	8.09	6.98	6.07	5.14	4.41	3.73	3.19	2.70	-	-	-	-	-
	T_{out} [N·m]	4900	4810	4900	4920	4920	5000	5000	5000	5000	-	-	-	-	-
	T_{out} [kgf·m]	500	490	500	502	502	510	510	510	510	-	-	-	-	-
	Pro[N]	37300	40000	41700	41700	41700	41700	41700	41700	41700	-	-	-	-	-
	Pro[kgf]	3800	4070	4250	4250	4250	4250	4250	4250	4250	-	-	-	-	-
6190DA	P_i [kW]	-	-	6.25	6.25	6.25	5.62	4.76	4.07	3.45	2.75	2.32	2.00	1.78	1.54
	T_{out} [N·m]	-	-	4390	5060	5980	6380	6380	6380	6380	6380	6380	6380	6380	6380
	T_{out} [kgf·m]	-	-	447	516	610	650	650	650	650	650	650	650	650	650
	Pro[N]	-	-	59000	59000	59000	59000	59000	59000	59000	59000	59000	58600	59000	59000
	Pro[kgf]	-	-	6010	6010	6010	6010	6010	6010	6010	6010	6010	5970	6010	6010
6190DB	P_i [kW]	11.9	10.7	9.08	7.87	6.66	5.62	-	-	-	-	-	-	-	-
	T_{out} [N·m]	6090	6380	6380	6380	6380	6380	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	621	650	650	650	650	650	-	-	-	-	-	-	-	-
	Pro[N]	52400	55900	58400	58900	58900	59000	-	-	-	-	-	-	-	-
	Pro[kgf]	5340	5700	5950	6000	6000	6010	-	-	-	-	-	-	-	-
6195DA	P_i [kW]	-	-	-	-	6.25	6.25	5.94	5.08	4.30	3.43	2.90	2.50	2.22	1.93
	T_{out} [N·m]	-	-	-	-	5980	7090	7960	7960	7960	7960	7960	7960	7960	7960
	T_{out} [kgf·m]	-	-	-	-	610	723	811	811	811	811	811	811	811	811
	Pro[N]	-	-	-	-	59000	59000	59000	59000	59000	59000	59000	58100	59000	59000
	Pro[kgf]	-	-	-	-	6010	6010	6010	6010	6010	6010	6010	5930	6010	6010
6195DB	P_i [kW]	11.9	11.9	10.9	9.76	8.26	7.02	5.94	-	-	-	-	-	-	-
	T_{out} [N·m]	6090	7090	7630	7910	7910	7960	7960	-	-	-	-	-	-	-
	T_{out} [kgf·m]	621	723	778	806	806	811	811	-	-	-	-	-	-	-
	Pro[N]	52400	55700	57900	58300	58300	59000	59000	-	-	-	-	-	-	-
	Pro[kgf]	5340	5680	5900	5940	5940	6010	6010	-	-	-	-	-	-	-
6205DA	P_i [kW]	-	-	-	-	-	-	5.86	4.84	4.34	3.35	3.00	2.44	2.52	2.23
	T_{out} [N·m]	-	-	-	-	-	-	7860	7590	8030	7780	8230	7790	9060	9230
	T_{out} [kgf·m]	-	-	-	-	-	-	801	773	819	793	839	794	923	941
	Pro[N]	-	-	-	-	-	-	84100	84100	84100	84100	84100	84100	84100	84100
	Pro[kgf]	-	-	-	-	-	-	8570	8570	8570	8570	8570	8570	8570	8570
6205DB	P_i [kW]	-	11.9	-	11.4	9.68	8.17	6.92	5.89	4.99	4.00	3.39	2.92	2.59	-
	T_{out} [N·m]	-	7090	-	9270	9270	9270	9270	9230	9230	9300	9300	9300	9300	-
	T_{out} [kgf·m]	-	723	-	945	945	945	945	941	941	948	948	948	948	-
	Pro[N]	-	84100	-	84100	84100	84100	84100	84100	84100	84100	84100	84100	84100	-
	Pro[kgf]	-	8570	-	8570	8570	8570	8570	8570	8570	8570	8570	8570	8570	-
6215DA	P_i [kW]	-	-	-	11.9	11.9	11.0	9.32	8.07	6.83	5.45	4.61	3.97	3.52	3.06
	T_{out} [N·m]	-	-	-	9670	11400	12500	12500	12700	12700	12700	12700	12700	12700	12700
	T_{out} [kgf·m]	-	-	-	985	1160	1270	1270	1290	1290	1290	1290	1290	1290	1290
	Pro[N]	-	-	-	104000	104000	104000	104000	104000	104000	104000	104000	104000	104000	104000
	Pro[kgf]	-	-	-	10600	10600	10600	10600	10600	10600	10600	10600	10600	10600	10600
6215DB	P_i [kW]	-	19.1	-	15.0	12.7	-	-	-	-	-	-	-	-	-
	T_{out} [N·m]	-	11400	-	12200	12200	-	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	-	1160	-	1240	1240	-	-	-	-	-	-	-	-	-
	Pro[N]	-	101000	-	104000	104000	-	-	-	-	-	-	-	-	-
	Pro[kgf]	-	10300	-	10600	10600	-	-	-	-	-	-	-	-	-
6225DA	P_i [kW]	-	-	-	-	11.9	11.9	11.0	9.60	8.12	6.89	5.83	4.98	4.46	3.64
	T_{out} [N·m]	-	-	-	-	11400	13500	14800	15000	15000	16000	16000	15900	16000	15000
	T_{out} [kgf·m]	-	-	-	-	1160	1380	1510	1530	1530	1630	1630	1620	1630	1530
	Pro[N]	-	-	-	-	122000	130000	137000	142000	145000	145000	145000	145000	145000	145000
	Pro[kgf]	-	-	-	-	12500	13200	13900	14500	14800	14800	14800	14800	14800	14800
6225DB	P_i [kW]	-	22.6	-	17.9	15.1	13.0	-	-	-	-	-	-	-	-
	T_{out} [N·m]	-	13500	-	14500	14500	14800	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	-	1370	-	1480	1480	1510	-	-	-	-	-	-	-	-
	Pro[N]	-	106000	-	115000	122000	130000	-	-	-	-	-	-	-	-
	Pro[kgf]	-	10800	-	11800	12400	13200	-	-	-	-	-	-	-	-
6235DA	P_i [kW]	-	25.4	-	24.2	20.5	16.7	14.1	12.1	10.2	8.82	7.47	6.43	5.71	4.58
	T_{out} [N·m]	-	15100	-	19600	19600	18900	18900	18900	18900	20500	20500	20500	20500	18900
	T_{out} [kgf·m]	-	1540	-	2000	2000	1930	1930	1930	1930	2090	2090	2090	2090	1930
	Pro[N]	-	133000	-	143000	150000	162000	170000	177000	179000	179000	179000	179000	179000	179000
	Pro[kgf]	-	13600	-	14500	15300	16500	17300	18100	18200	18200	18200	18200	18200	18200
6235DB	P_i [kW]	-	31.5	-	24.2	-	-	-	-	-	-	-	-	-	-
	T_{out} [N·m]	-	18700	-	19600	-	-	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	-	1910	-	2000	-	-	-	-	-	-	-	-	-	-
	Pro[N]	-	133000	-	143000	-	-	-	-	-	-	-	-	-	-
	Pro[kgf]	-	13500	-	14500	-	-	-	-	-	-	-	-	-	-
Frame Size	Ratio[Z]	104	121	143	165	195	231	273	319	377	473	559	649	731	841
	n_2 [r/min]	16.8	14.5	12.2	10.6	8.97	7.58	6.41	5.49	4.64	3.70	3.13	2.70	2.39	2.08

Note: 1. Allowable radial load Pro is the value at the midpoint of the output shaft. Refer to pages F-11~12 when radial load is off the midpoint of output shaft and for checking thrust load.

2. Refer to pages F-15~16 for allowable radial load for input shaft.

Selection Tables 6000 Series Reducer



Input Speed

 $n_1 = 1750 \text{ r/min}$

1.74	1.40	1.18	0.946	0.847	0.690	0.575	0.503	0.394	0.341	0.283	0.231	n_2 [r/min]	Dim. Page	Frame Size
1003	1247	1479	1849	2065	2537	3045	3481	4437	5133	6177	7569	Ratio[Z]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-75	6185DB
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
1.30	1.04	0.878	0.750	0.750	0.750	0.750	0.750	0.750	0.750	0.750	0.750	P_i [kW]	CHH C-75	6190DA
6380	6380	6380	6380	6380	6380	6380	6380	6380	6380	6380	6380	T_{OUT} [N·m]	CHF C-80	
650	650	650	650	650	650	650	650	650	650	650	650	T_{OUT} [kgf·m]	CVV C-87	
58600	59000	58900	59000	58600	58600	58900	58600	58900	58900	58900	58900	Pro[N]		
5970	6010	6000	6010	5970	5970	6000	5970	6000	6000	6000	6000	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-75	6190DB
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
1.62	1.30	1.10	0.877	0.785	0.750	0.750	0.750	0.750	0.750	0.750	0.750	P_i [kW]	CHH C-75	6195DA
7960	7960	7960	7960	7960	7960	7960	7960	7960	7960	7960	7960	T_{OUT} [N·m]	CHF C-80	
811	811	811	811	811	811	811	811	811	811	811	811	T_{OUT} [kgf·m]	CVV C-87	
58100	59000	58400	59000	58100	58100	58400	58100	58400	58400	58400	58400	Pro[N]		
5930	6010	5950	6010	5930	5930	5950	5930	5950	5950	5950	5950	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-75	6195DB
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
2.20	2.20	1.50	1.50	1.50	0.750	0.750	0.750	0.750	0.750	0.750	0.750	P_i [kW]	CHH C-75	6205DA
9060	9300	8360	9300	9300	9300	8760	9300	8760	9300	8760	8760	T_{OUT} [N·m]	CHF C-80	
923	948	853	948	948	948	893	948	893	948	893	893	T_{OUT} [kgf·m]	CVV C-87	
84100	84100	84100	84100	84100	84100	84100	84100	84100	84100	84100	84100	Pro[N]		
8570	8570	8570	8570	8570	8570	8570	8570	8570	8570	8570	8570	Pro[kgf]		
2.20	-	1.50	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-75	6205DB
9300	-	8760	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-80	
948	-	893	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-87	
84100	-	84100	-	-	-	-	-	-	-	-	-	Pro[N]		
8570	-	8570	-	-	-	-	-	-	-	-	-	Pro[kgf]		
2.57	2.20	1.55	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	P_i [kW]	CHH C-75	6215DA
12700	12700	11300	12700	12700	12700	11300	12700	11300	12700	11300	11300	T_{OUT} [N·m]	CHF C-80	
1290	1290	1150	1290	1290	1290	1150	1290	1150	1290	1150	1150	T_{OUT} [kgf·m]	CVV C-87	
104000	104000	104000	104000	104000	104000	104000	104000	104000	104000	104000	104000	Pro[N]		
10600	10600	10600	10600	10600	10600	10600	10600	10600	10600	10600	10600	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-75	6215DB
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
3.22	2.61	2.20	1.76	1.57	1.50	1.50	1.50	1.50	1.50	1.50	1.50	P_i [kW]	CHH C-75	6225DA
15900	16000	15100	16000	15900	15900	15100	15900	15100	15900	15100	15100	T_{OUT} [N·m]	CHF C-80	
1620	1630	1540	1630	1620	1620	1540	1620	1540	1620	1540	1540	T_{OUT} [kgf·m]	CVV C-87	
145000	145000	145000	145000	145000	145000	145000	145000	145000	145000	145000	145000	Pro[N]		
14800	14800	14800	14800	14800	14800	14800	14800	14800	14800	14800	14800	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-75	6225DB
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
4.16	3.35	2.36	2.26	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	P_i [kW]	CHH C-75	6235DA
20500	20500	17200	20500	20500	20500	17200	20500	17200	20500	17200	17200	T_{OUT} [N·m]	CHF C-80	
2090	2090	1750	2090	2090	2090	1750	2090	1750	2090	1750	1750	T_{OUT} [kgf·m]	CVV C-87	
179000	179000	179000	179000	179000	179000	179000	179000	179000	179000	179000	179000	Pro[N]		
18200	18200	18200	18200	18200	18200	18200	18200	18200	18200	18200	18200	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-75	6235DB
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
1003	1247	1479	1849	2065	2537	3045	3481	4437	5133	6177	7569	Ratio[Z]	Dim. Page	Frame Size
1.74	1.40	1.18	0.946	0.847	0.690	0.575	0.503	0.394	0.341	0.283	0.231	n_2 [r/min]		

Note: 3. Necessary input power for starting is printed in bold face. Do not exceed allowable output torque after startup.

Selection Tables 6000 Series Reducer

Double Reduction Ratio 104,121 ~ 7569 Frame Size: 6245DA ~ 6275DA

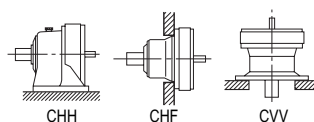
Input Speed	$n_1 = 1750$ r/min	n_1 : Input Speed [r/min]	T_{out} : Allowable output torque [N·m, kgf·m]
		n_2 : Output Speed [r/min]	Pro: Allowable output shaft radial load [N, kgf]
		P_i : Allowable input power [kW]	*Consult us for Pro of CNF and CHF type.

Frame Size	n_2 [r/min]	16.8	14.5	12.2	10.6	8.97	7.58	6.41	5.49	4.64	3.70	3.13	2.70	2.39	2.08
	Ratio[Z]	104	121	143	165	195	231	273	319	377	473	559	649	731	841
6245DA	P_i [kW]	-	-	-	25.4	23.9	22.7	19.2	16.5	13.9	11.1	9.40	8.09	7.19	6.25
	T_{out} [N·m]	-	-	-	20600	22900	25800	25800	25800	25800	25800	25800	25800	25800	25800
	T_{out} [kgf·m]	-	-	-	2100	2330	2630	2630	2630	2630	2630	2630	2630	2630	2630
	Pro[N]	-	-	-	160000	167000	179000	188000	196000	207000	208000	208000	208000	208000	208000
	Pro[kgf]	-	-	-	16300	17100	18200	19200	20000	21100	21200	21200	21200	21200	21200
6245DB	P_i [kW]	-	34.6	-	32.4	27.4	22.7	-	-	-	-	-	-	-	-
	T_{out} [N·m]	-	20500	-	26200	26200	25800	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	-	2090	-	2680	2680	2630	-	-	-	-	-	-	-	-
	Pro[N]	-	148000	-	158000	167000	179000	-	-	-	-	-	-	-	-
	Pro[kgf]	-	15000	-	16100	17000	18200	-	-	-	-	-	-	-	-
6255DA	P_i [kW]	-	31.8	-	31.8	31.8	27.3	23.1	20.7	17.5	14.9	12.6	10.8	9.61	7.86
	T_{out} [N·m]	-	18900	-	25800	30500	31000	31000	32500	32500	34500	34500	34500	34500	32500
	T_{out} [kgf·m]	-	1930	-	2630	3110	3160	3160	3310	3310	3520	3520	3520	3520	3310
	Pro[N]	-	182000	-	195000	204000	218000	229000	241000	254000	258000	258000	258000	258000	258000
	Pro[kgf]	-	18500	-	19900	20800	22200	23400	24600	25900	26300	26300	26300	26300	26300
6255DB	P_i [kW]	-	46.3	-	38.4	32.5	-	-	-	-	-	-	-	-	-
	T_{out} [N·m]	-	27500	-	31200	31200	-	-	-	-	-	-	-	-	-
	T_{out} [kgf·m]	-	2800	-	3180	3180	-	-	-	-	-	-	-	-	-
	Pro[N]	-	180000	-	194000	204000	-	-	-	-	-	-	-	-	-
	Pro[kgf]	-	18400	-	19800	20800	-	-	-	-	-	-	-	-	-
6265DA	P_i [kW]	-	50.8	-	50.8	45.7	40.5	34.3	29.4	24.8	19.8	16.8	14.4	12.8	11.1
	T_{out} [N·m]	-	30200	-	41100	43700	46000	46000	46000	46000	46000	46000	46000	46000	46000
	T_{out} [kgf·m]	-	3080	-	4190	4460	4690	4690	4690	4690	4690	4690	4690	4690	4690
	Pro[N]	-	221000	-	236000	248000	265000	276000	276000	276000	276000	276000	276000	276000	276000
	Pro[kgf]	-	22500	-	24100	25300	27000	28100	28100	28100	28100	28100	28100	28100	28100
6275DA	P_i [kW]	-	-	-	-	-	-	-	43.5	36.8	29.4	24.8	21.4	19.0	16.5
	T_{out} [N·m]	-	-	-	-	-	-	-	68200	68200	68200	68200	68200	68200	68200
	T_{out} [kgf·m]	-	-	-	-	-	-	-	6950	6950	6950	6950	6950	6950	6950
	Pro[N]	-	-	-	-	-	-	-	248000	248000	248000	248000	248000	248000	248000
	Pro[kgf]	-	-	-	-	-	-	-	25300	25300	25300	25300	25300	25300	25300
Frame Size	Ratio[Z]	104	121	143	165	195	231	273	319	377	473	559	649	731	841
	n_2 [r/min]	16.8	14.5	12.2	10.6	8.97	7.58	6.41	5.49	4.64	3.70	3.13	2.70	2.39	2.08

Note: 1. Allowable radial load Pro is the value at the midpoint of the output shaft. Refer to pages F-11~12 when radial load is off the midpoint of output shaft and for checking thrust load.

2. Refer to pages F-15~16 for allowable radial load for input shaft.

Selection Tables 6000 Series Reducer



Input Speed

 $n_1 = 1750 \text{ r/min}$

1.74	1.40	1.18	0.946	0.847	0.690	0.575	0.503	0.394	0.341	0.283	0.231	n_2 [r/min]	Dim. Page	Frame Size
1003	1247	1479	1849	2065	2537	3045	3481	4437	5133	6177	7569	Ratio[Z]		
5.24	4.21	3.12	2.84	2.54	2.20	2.20	2.20	2.20	2.20	2.20	2.20	P_i [kW]	CHH C-75	6245DA
25800	25800	22600	25800	25800	25800	22600	25800	22600	25800	22600	22600	T_{OUT} [N·m]	CHF C-80	
2630	2630	2310	2630	2630	2630	2310	2630	2310	2630	2310	2310	T_{OUT} [kgf·m]	CVV C-87	
208000	208000	208000	208000	208000	208000	208000	208000	208000	208000	208000	208000	Pro[N]		
21200	21200	21200	21200	21200	21200	21200	21200	21200	21200	21200	21200	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-75	6245DB
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
7.00	5.63	4.27	3.80	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	P_i [kW]	CHH C-75	6255DA
34500	34500	31000	34500	34500	34500	31000	34500	31000	34500	31000	31000	T_{OUT} [N·m]	CHF C-80	
3520	3520	3160	3520	3520	3520	3160	3520	3160	3520	3160	3160	T_{OUT} [kgf·m]	CVV C-87	
258000	258000	258000	258000	258000	258000	258000	258000	258000	258000	258000	258000	Pro[N]		
26300	26300	26300	26300	26300	26300	26300	26300	26300	26300	26300	26300	Pro[kgf]		
-	-	-	-	-	-	-	-	-	-	-	-	P_i [kW]	CHH C-75	6255DB
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [N·m]	CHF C-80	
-	-	-	-	-	-	-	-	-	-	-	-	T_{OUT} [kgf·m]	CVV C-87	
-	-	-	-	-	-	-	-	-	-	-	-	Pro[N]		
-	-	-	-	-	-	-	-	-	-	-	-	Pro[kgf]		
9.34	7.51	6.06	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	P_i [kW]	CHH C-75	6265DA
46000	46000	44000	46000	46000	46000	44000	46000	44000	46000	44000	44000	T_{OUT} [N·m]	CHF C-80	
4690	4690	4490	4690	4690	4690	4490	4690	4490	4690	4490	4490	T_{OUT} [kgf·m]	CVV C-87	
276000	276000	276000	276000	276000	276000	276000	276000	276000	276000	276000	276000	Pro[N]		
28100	28100	28100	28100	28100	28100	28100	28100	28100	28100	28100	28100	Pro[kgf]		
13.8	11.1	9.39	7.51	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	P_i [kW]	CHH C-75	6275DA
68200	68200	68200	68200	68200	68200	68200	68200	68200	68200	68200	68200	T_{OUT} [N·m]	CHF C-80	
6950	6950	6950	6950	6950	6950	6950	6950	6950	6950	6950	6950	T_{OUT} [kgf·m]	CVV C-87	
248000	248000	245000	248000	248000	248000	245000	248000	245000	245000	245000	245000	Pro[N]		
25300	25300	25000	25300	25300	25300	25000	25300	25000	25000	25000	25000	Pro[kgf]		
1003	1247	1479	1849	2065	2537	3045	3481	4437	5133	6177	7569	Ratio[Z]	Dim. Page	Frame Size
1.74	1.40	1.18	0.946	0.847	0.690	0.575	0.503	0.394	0.341	0.283	0.231	n_2 [r/min]		

REDUCERS

Selection Tables
Ratio 104, 121 - 7569

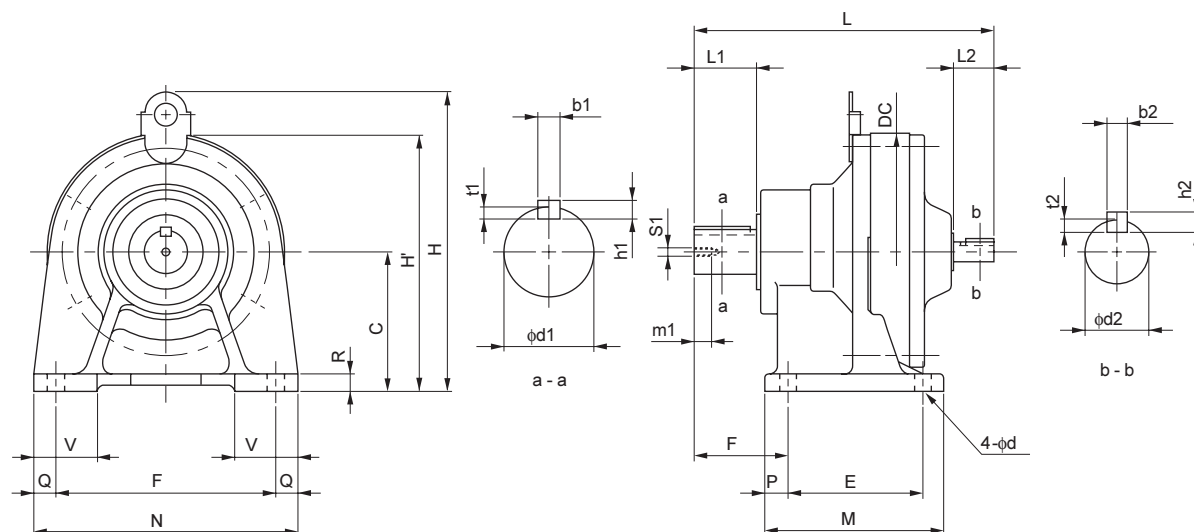
Note: 3. Necessary input power for starting is printed in bold face. Do not exceed allowable output torque after startup.

C CYCLO® SPEED REDUCERS

3. Dimension Tables

Dimension Tables Speed Reducer (Universal Direction, Foot Mount)

CNH - 606□ to 612□



Frame Size Note 1	L	C	DC	E	F	G	H	H'	M	N	P	Q	R	V	d	W(kg)
606□	145	80	110	60	120	41	-	135	84	144	12	12	10	35	9	2.5
607□	151	80	110	60	120	47	-	135	84	144	12	12	10	35	9	2.5
608□	179	90	134	75	120	52	-	157	99	144	12	12	13	37	9	8
609□	202	100	150	90	150	60	-	175	135	180	15	15	12	40	11	11
Note 5 610□	208	100	150	90	150	60	207	-	135	180	15	15	12	40	11	13
611□	218	120	162	90	150	70	236	-	135	180	15	15	12	45	11	15
Note 5 612□	259	120	204	115	190	82	257	-	155	230	20	20	15	55	14	24

Model Note 1	Output Shaft Note 2, 3, 4								Input Shaft Note 2, 3, 4					
	d1	L1	b1	h1	t1	S1	m1		d2	L2	b2	h2	t2	
CNH - 606□ - Ratio	14	25	5	5	3	M5	16		12	25	4	4	2.5	
CNH - 607□ - Ratio	18	30	6	6	3.5	M6	16		12	25	4	4	2.5	
CNH - 608□ - Ratio	22	35	6	6	3.5	M6	16		12	25	4	4	2.5	
CNH - 609□ - Ratio	28	35	8	7	4	M8	20		15	25	5	5	3	
Note 5 CNH - 610□ - Ratio	28	35	8	7	4	M8	20		15	25	5	5	3	
CNH - 611□ - Ratio	32	45	10	8	5	M8	20		15	25	5	5	3	
Note 5 CNH - 612□ - Ratio	38	55	10	8	5	M8	20		18	35	6	6	3.5	

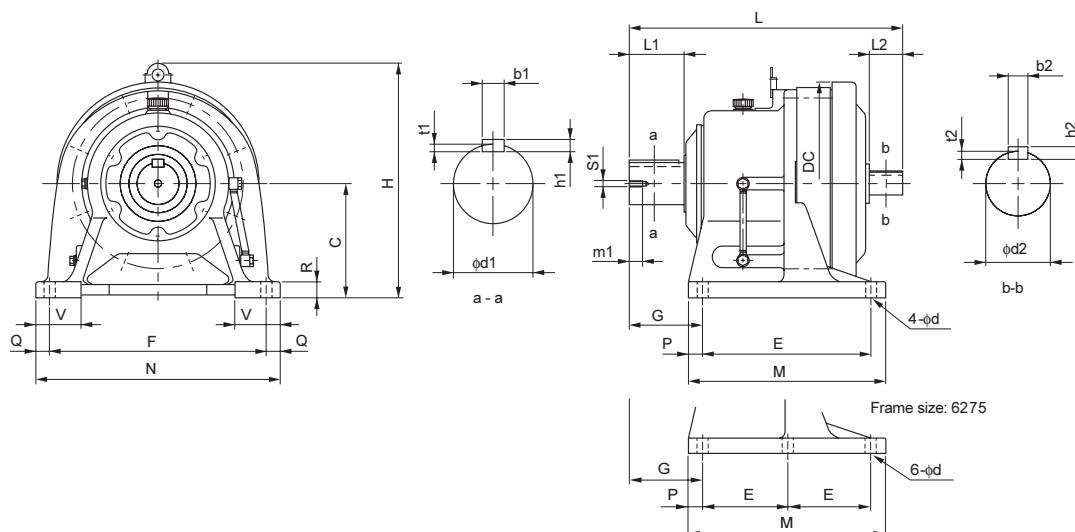
Note: 4. Refer to pages F-28~30 for details on input and output shaft end dimensions.

5. Refer to page C-88 for center height options available.

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

Dimension Tables Speed Reducer (Horizontal Direction, Foot Mount)

CHH - 613□ to 6275



Frame Size	L	C	DC	E	F	G	H	M	N	P	Q	R	V	d	W(kg)
Note 1															
613□	321	150	230	145	290	100	300	195	330	25	20	22	65	18	43
Note 5 614□	341	150	230	145	290	120	300	195	330	25	20	22	65	18	44
Note 5 616□	413	160	318	150	370	139	367	238	410	44	20	25	75	18	84
617□	477	200	362	275	380	125	429	335	430	30	25	30	80	22	125
618□	527	220	390	320	420	145	467	380	470	30	25	30	85	22	163
619□	620	250	451	380	480	170	539	440	530	30	25	35	90	26	240
6205	678	250	471	360	440	215	530	440	530	40	45	35	100	26	255
6215	708	265	507	395	480	210	575	475	580	40	50	40	110	26	336
6225	752	280	549	420	540	230	610	520	620	50	40	40	115	33	409
6235	839	300	591	460	580	260	667	560	670	50	45	45	120	33	503
6245	877	335	637	480	630	263	729	580	720	50	45	45	128	39	614
6255	1040	375	703	520	670	320	815	630	780	55	55	50	140	39	957
6265	1150	400	772	590	770	390	874	700	880	55	55	55	160	45	1190
6275	1462	540	986	420	1050	485	1161	1040	1160	100	55	60	200	45	2460

Model						Output Shaft						Input Shaft					
						Note 2, 3, 4						Note 2, 3, 4					
Note 1						d1	L1	b1	h1	t1	S1	m1	d2	L2	b2	h2	t2
CHH - 613□ - Ratio						50	70	14	9	5.5	M10	18	22	40	6	6	3.5
Note 5	CHH - 614□ - Ratio					50	90	14	9	5.5	M10	18	22	40	6	6	3.5
Note 5	CHH - 616□ - Ratio					60	90	18	11	7	M10	18	30	45	8	7	4
CHH - 617□ - Ratio						70	90	20	12	7.5	M12	24	35	55	10	8	5
CHH - 618□ - Ratio						80	110	22	14	9	M12	24	40	65	12	8	5
CHH - 619□ - Ratio						95	135	25	14	9	M20	34	45	70	14	9	5.5
CHH - 6205 - Ratio						100	165	28	16	10	M20	34	45	82	14	9	5.5
CHH - 6215 - Ratio						110	165	28	16	10	M20	34	50	82	14	9	5.5
CHH - 6225 - Ratio						120	165	32	18	11	M20	34	55	82	16	10	6
CHH - 6235 - Ratio						130	200	32	18	11	M24	41	60	105	18	11	7
CHH - 6245 - Ratio						140	200	36	20	12	M24	41	65	105	18	11	7
CHH - 6255 - Ratio						160	240	40	22	13	M30	49	80	130	22	14	9
CHH - 6265 - Ratio						170	300	40	22	13	M30	49	80	130	22	14	9
CHH - 6275 - Ratio						180	330	45	25	15	M30	52	90	150	25	14	9

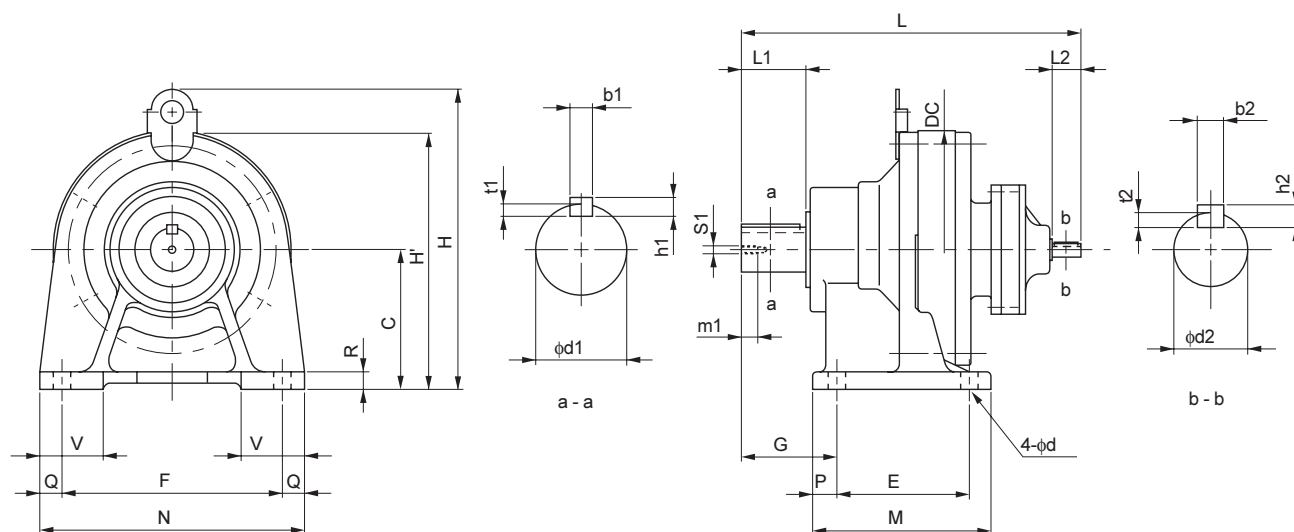
Note: 1. □ indicates 0 or 5, expressing combination with reduction ratio. Refer to the Selection Table for details.

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 Speed Reducer (Universal Direction, Foot Mount)

CNH - 606□DA to 612□DB



Frame Size Note 1	L	C	DC	E	F	G	H	H'	M	N	P	Q	R	V	d	W(kg)
606□DA	178	80	110	60	120	41	-	135	84	144	12	12	10	35	9	4.0
607□DA	184	80	110	60	120	47	-	135	84	144	12	12	10	35	9	4.5
609□DA	243	100	150	90	150	60	-	175	135	180	15	15	12	40	11	12
610□DA	257	100	150	90	150	60	207	-	135	180	15	15	12	40	11	15
612□DA	293	120	204	115	190	82	257	-	155	230	20	20	15	55	14	26
612□DB	312	120	204	115	190	82	257	-	155	230	20	20	15	55	14	29

Model Note 1	Output Shaft Note 2, 3, 4								Input Shaft Note 2, 3, 4					
	d1	L1	b1	h1	t1	S1	m1		d2	L2	b2	h2	t2	
CNH - 606□DA - Ratio	14	25	5	5	3	M5	16		12	25	4	4	2.5	
CNH - 607□DA - Ratio	18	30	6	6	3.5	M6	16		12	25	4	4	2.5	
CNH - 609□DA - Ratio	28	35	8	7	4	M8	20		12	25	4	4	2.5	
CNH - 610□DA - Ratio	28	35	8	7	4	M8	20		12	25	4	4	2.5	
CNH - 612□DA - Ratio	38	55	10	8	5	M8	20		12	25	4	4	2.5	
CNH - 612□DB - Ratio	38	55	10	8	5	M8	20		15	25	5	5	3	

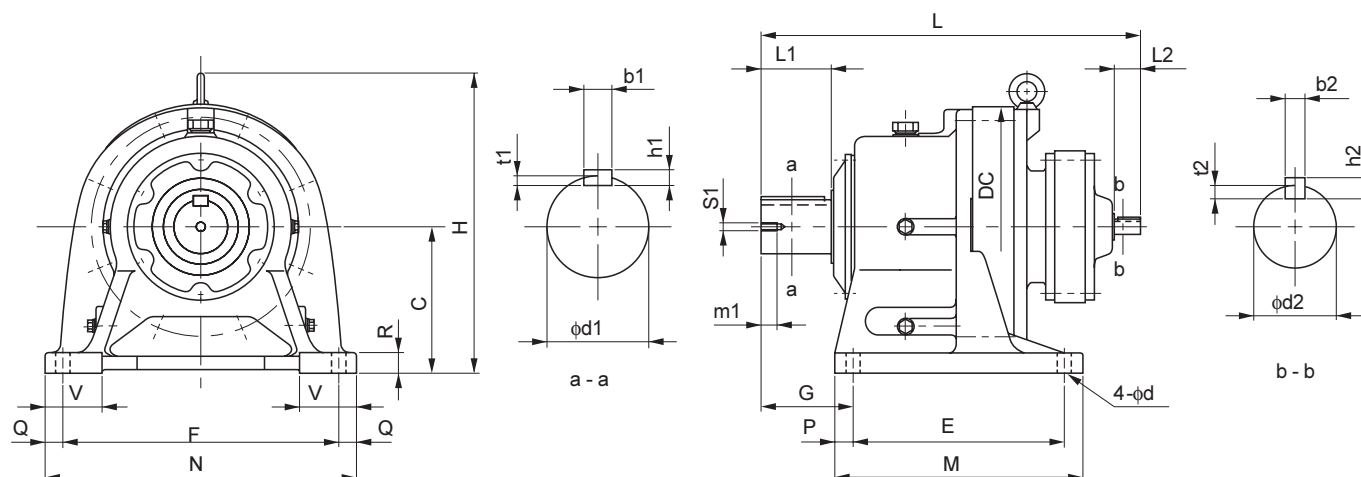
Note: 4. Refer to pages F-28~30 for details on input and output shaft end dimensions.

5. Refer to page C-88 for center height options available.

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

Dimension Tables Speed Reducer (Horizontal Direction, Foot Mount)

CHH - 613□DA to 618□DA



Frame Size	L	C	DC	E	F	G	H	M	N	P	Q	R	V	d	W(kg)
Note 1															
613□DA	347	150	230	145	290	100	300	195	330	25	20	22	65	18	41
613□DB	363	150	230	145	290	100	300	195	330	25	20	22	65	18	45
613□DC	369	150	230	145	290	100	300	195	330	25	20	22	65	18	46
614□DA	367	150	230	145	290	120	300	195	330	25	20	22	65	18	41
614□DB	383	150	230	145	290	120	300	195	330	25	20	22	65	18	45
614□DC	389	150	230	145	290	120	300	195	330	25	20	22	65	18	46
616□DA	433	160	300	150	370	139	349	238	410	44	20	25	75	18	85
616□DB	439	160	300	150	370	139	349	238	410	44	20	25	75	18	87
617□DA	478	200	340	275	380	125	416	335	430	30	25	30	80	22	121
617□DB	484	200	340	275	380	125	416	335	430	30	25	30	80	22	123
618□DA	526	220	370	320	420	145	451	380	470	30	25	30	85	22	165

Model	Note 1	Output Shaft								Input Shaft					
		d1	L1	b1	h1	t1	S1	m1	Note 2, 3, 4	d2	L2	b2	h2	t2	Note 2, 3, 4
CHH - 613□DA - Ratio		50	70	14	9	5.5	M10	18		12	25	4	4	2.5	
CHH - 613□DB - Ratio		50	70	14	9	5.5	M10	18		15	25	5	5	3	
CHH - 613□DC - Ratio		50	70	14	9	5.5	M10	18		15	25	5	5	3	
CHH - 614□DA - Ratio		50	90	14	9	5.5	M10	18		12	25	4	4	2.5	
CHH - 614□DB - Ratio		50	90	14	9	5.5	M10	18		15	25	5	5	3	
CHH - 614□DC - Ratio		50	90	14	9	5.5	M10	18		15	25	5	5	3	
CHH - 616□DA - Ratio		60	90	18	11	7	M10	18		15	25	5	5	3	
CHH - 616□DB - Ratio		60	90	18	11	7	M10	18		15	25	5	5	3	
CHH - 617□DA - Ratio		70	90	20	12	7.5	M12	24		15	25	5	5	3	
CHH - 617□DB - Ratio		70	90	20	12	7.5	M12	24		15	25	5	5	3	
CHH - 618□DA - Ratio		80	110	22	14	9	M12	24		15	25	5	5	3	

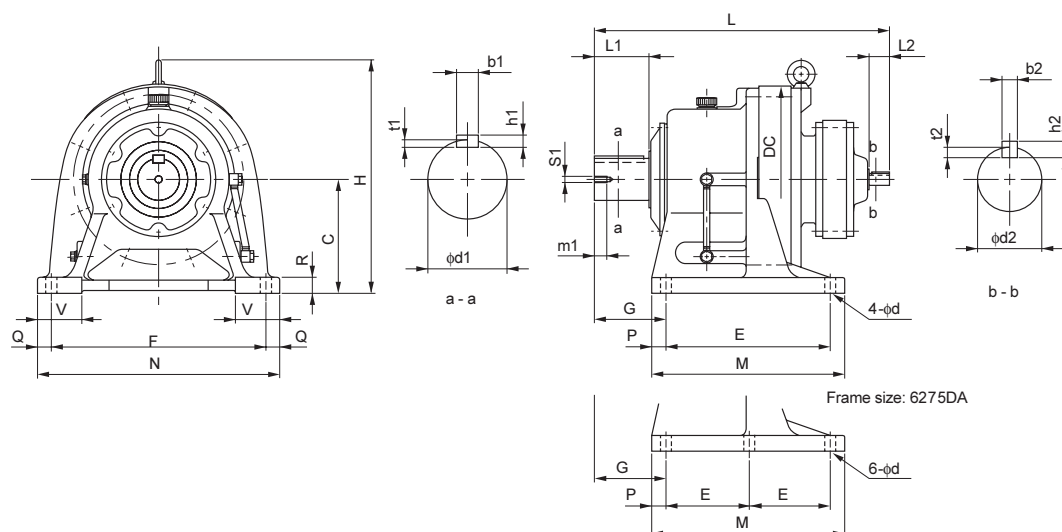
Note: 1. □ indicates 0 or 5, expressing combination with reduction ratio. Refer to the Selection Table for details.

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 Speed Reducer (Horizontal Direction, Foot Mount)

CHH - 616□DC to 6275DA



Frame Size Note 1	L	C	DC	E	F	G	H	M	N	P	Q	R	V	d	W(kg)
616□DC	462	160	300	150	370	139	349	238	410	44	20	25	75	18	94
617□DC	509	200	340	275	380	125	416	335	430	30	25	30	80	22	128
618□DB	577	220	370	320	420	145	451	380	470	30	25	30	85	22	183
619□DA	629	250	430	380	480	170	531	440	530	30	25	35	90	26	241
619□DB	653	250	430	380	480	170	531	440	530	30	25	35	90	26	250
6205DA	670	250	448	360	440	215	530	440	530	40	45	35	100	26	260
6205DB	705	250	448	360	440	215	530	440	530	40	45	35	100	26	273
6215DA	731	265	485	395	480	210	575	475	580	40	50	40	110	26	354
6215DB	780	265	485	395	480	210	575	475	580	40	50	40	110	26	376
6225DA	773	280	526	420	540	230	610	520	620	50	40	40	115	33	429
6225DB	860	280	526	420	540	230	610	520	620	50	40	40	115	33	476
6235DA	883	300	562	460	580	260	667	560	670	50	45	45	120	33	548
6235DB	938	300	562	460	580	260	667	560	670	50	45	45	120	33	582
6245DA	921	335	614	480	630	263	729	580	720	50	45	45	128	39	656
6245DB	975	335	614	480	630	263	729	580	720	50	45	45	128	39	686
6255DA	1081	375	670	520	670	320	815	630	780	55	55	50	140	39	1010
6255DB	1133	375	670	520	670	320	815	630	780	55	55	50	140	39	1085
6265DA	1243	400	736	590	770	390	874	700	880	55	55	55	160	45	1340
6275DA	1504	540	950	420	1050	485	1161	1040	1160	100	55	60	200	45	2480

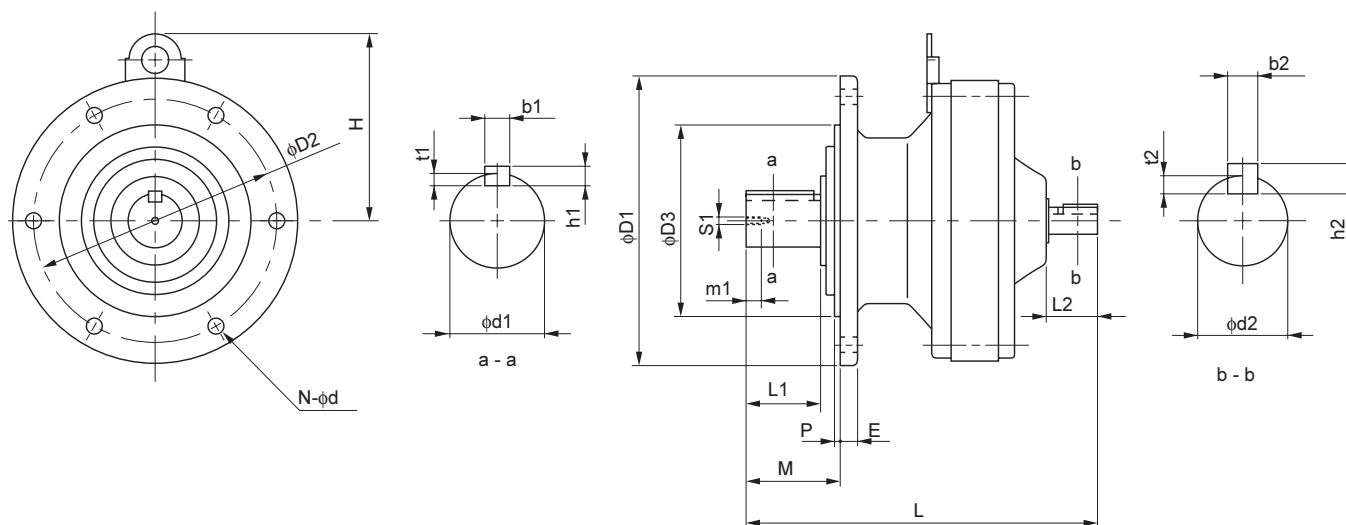
Model Note 1	Output Shaft Note 2, 3, 4								Input Shaft Note 2, 3, 4					
	d1	L1	b1	h1	t1	S1	m1		d2	L2	b2	h2	t2	
CHH - 616□DC - Ratio	60	90	18	11	7	M10	18		18	35	6	6	3.5	
CHH - 617□DC - Ratio	70	90	20	12	7.5	M12	24		18	35	6	6	3.5	
CHH - 618□DB - Ratio	80	110	22	14	9	M12	24		22	40	6	6	3.5	
CHH - 619□DA - Ratio	95	135	25	14	9	M20	34		18	35	6	6	3.5	
CHH - 619□DB - Ratio	95	135	25	14	9	M20	34		22	40	6	6	3.5	
CHH - 6205DA - Ratio	100	165	28	16	10	M20	34		18	35	6	6	3.5	
CHH - 6205DB - Ratio	100	165	28	16	10	M20	34		22	40	6	6	3.5	
CHH - 6215DA - Ratio	110	165	28	16	10	M20	34		22	40	6	6	3.5	
CHH - 6215DB - Ratio	110	165	28	16	10	M20	34		30	45	8	7	4	
CHH - 6225DA - Ratio	120	165	32	18	11	M20	34		22	40	6	6	3.5	
CHH - 6225DB - Ratio	120	165	32	18	11	M20	34		35	55	10	8	5	
CHH - 6235DA - Ratio	130	200	32	18	11	M24	41		30	45	8	7	4	
CHH - 6235DB - Ratio	130	200	32	18	11	M24	41		40	65	12	8	5	
CHH - 6245DA - Ratio	140	200	36	20	12	M24	41		30	45	8	7	4	
CHH - 6245DB - Ratio	140	200	36	20	12	M24	41		40	65	12	8	5	
CHH - 6255DA - Ratio	160	240	40	22	13	M30	49		35	55	10	8	5	
CHH - 6255DB - Ratio	160	240	40	22	13	M30	49		45	70	14	9	5.5	
CHH - 6265DA - Ratio	170	300	40	22	13	M30	49		45	70	14	9	5.5	
CHH - 6275DA - Ratio	180	330	45	25	15	M30	52		45	70	14	9	5.5	

Note: 4. Refer to pages F-28~30 for details on input and output shaft end dimensions.

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

Dimension Tables Speed Reducer (Universal Direction, V-Flange Mount)

CNV - 606□ to 612□



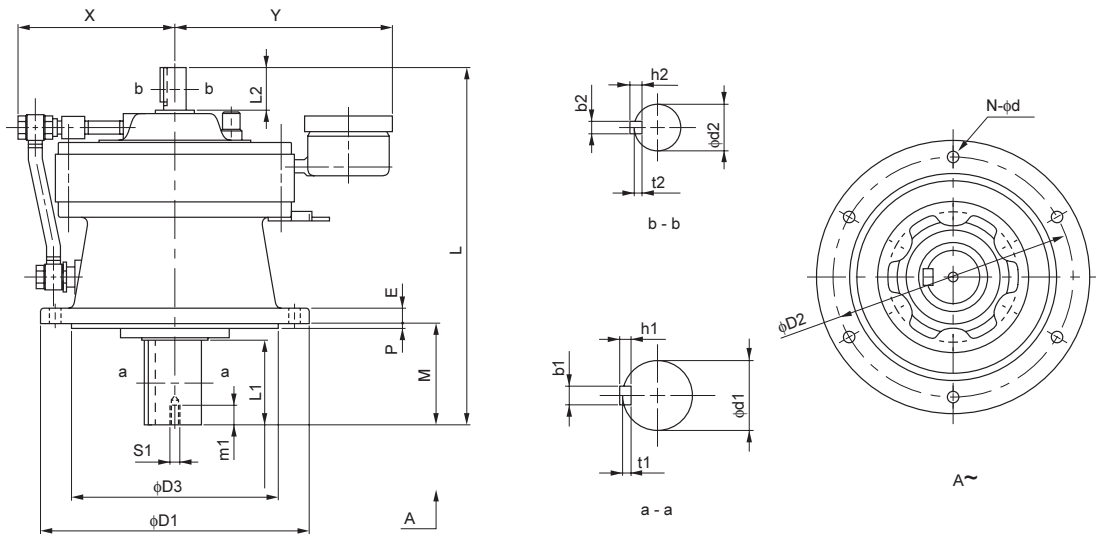
Frame Size Note 1	L	D1	D2	D3 Note 4	H	M	E	P	N	d	W(kg)
606□	145	120	102	80	-	34	8	3	6	9	3.5
607□	151	160	134	110	-	42	9	3	4	11	4.5
608□	179	160	134	110	-	48	9	3	4	11	8
609□	202	160	134	110	107	48	9	3	4	11	9
610□	208	160	134	110	107	48	9	3	4	11	11
611□	218	210	180	140	116	58	11	4	6	11	13
612□	259	210	180	140	137	69	13	4	6	11	23

Model Note 1	Output Shaft Note 2, 3								Input Shaft Note 2, 3				
	d1	L1	b1	h1	t1	S1	m1		d2	L2	b2	h2	t2
CNV - 606□ - Ratio	14	25	5	5	3	M5	16		12	25	4	4	2.5
CNV - 607□ - Ratio	18	30	6	6	3.5	M6	16		12	25	4	4	2.5
CNV - 608□ - Ratio	22	35	6	6	3.5	M6	16		12	25	4	4	2.5
CNV - 609□ - Ratio	28	35	8	7	4	M8	20		15	25	5	5	3
CNV - 610□ - Ratio	28	35	8	7	4	M8	20		15	25	5	5	3
CNV - 611□ - Ratio	32	45	10	8	5	M8	20		15	25	5	5	3
CNV - 612□ - Ratio	38	55	10	8	5	M8	20		18	35	6	6	3.5

Note: 1. □ indicates 0 or 5, expressing combination with reduction ratio. Refer to the Selection Table for details.
 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 Speed Reducer (Vertical, Slow Speed Shaft Down, V-Flange Mount)

CVV - 613□ to 614□



REDUCERS

Dimension Tables
CVV

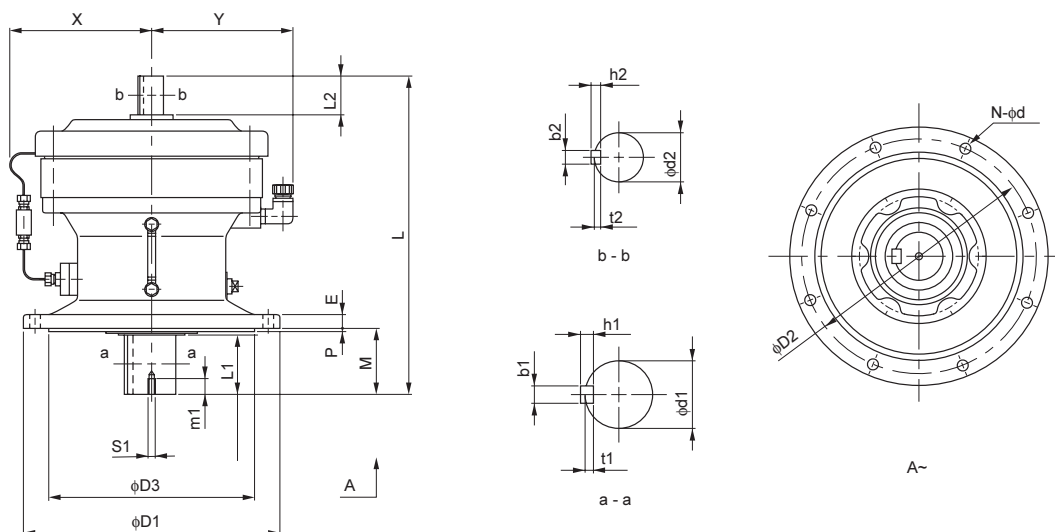
Frame Size Note 1	L	D1	D2	D3	M	E	P	N	d	X	Y	W(kg)
613□	321	260	230	200	76	15	4	6	11	152	233	42
614□	341	260	230	200	96	15	4	6	11	152	233	43

Model Note 1	Output Shaft Note 2, 3								Input Shaft Note 2, 3				
	d1	L1	b1	h1	t1	S1	m1	d2	L2	b2	h2	t2	
CVV - 613□ - Ratio	50	61	14	9	5.5	M10	18	22	40	6	6	3.5	
CVV - 614□ - Ratio	50	81	14	9	5.5	M10	18	22	40	6	6	3.5	

Note: 4. Pilot diameter (φD3): Dimension tolerance conforms to JIS B 0401-1976 "f8."
5. Dimensions in above drawings are subject to change without notice.

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

CVV - 616□ to 6275



Frame Size Note 1	L	D1	D2	D3 Note 4	M	E	P	N	d	X	Y	W(kg)
616□	413	340	310	270	89	20	4	6	11	217	200	79
617□	477	400	360	316	94	22	5	8	14	222	225	125
618□	527	430	390	345	110	22	5	8	18	237	240	150
619□	620	490	450	400	145	30	6	12	18	265	270	225
6205	678	455	405	355	204	30	5	8	22	341	287	243
6215	708	490	440	390	203	35	7	8	24	348	306	314
6225	752	535	475	415	210	35	10	8	27	352	326	396
6235	839	570	510	450	250	40	10	8	27	359	344	474
6245	877	635	560	485	250	40	10	8	33	370	371	568
6255	1040	685	610	535	295	45	10	8	33	426	399	865
6265	1150	750	660	570	360	50	10	8	39	460	431	1125
6275	1462	1160	1020	900	355	60	10	8	39	610	613	2610

Model					Output Shaft							Input Shaft				
					Note 2, 3							Note 2, 3				
Note 1					d1	L1	b1	h1	t1	S1	m1	d2	L2	b2	h2	t2
CVV	-	616	□	- Ratio	60	80	18	11	7	M10	18	30	45	8	7	4
CVV	-	617	□	- Ratio	70	84	20	12	7.5	M12	24	35	55	10	8	5
CVV	-	618	□	- Ratio	80	100	22	14	9	M12	24	40	65	12	8	5
CVV	-	619	□	- Ratio	95	125	25	14	9	M20	34	45	70	14	9	5.5
CVV	-	6205		- Ratio	100	165	28	16	10	M20	34	45	82	14	9	5.5
CVV	-	6215		- Ratio	110	165	28	16	10	M20	34	50	82	14	9	5.5
CVV	-	6225		- Ratio	120	165	32	18	11	M20	34	55	82	16	10	6
CVV	-	6235		- Ratio	130	200	32	18	11	M24	41	60	105	18	11	7
CVV	-	6245		- Ratio	140	200	36	20	12	M24	41	65	105	18	11	7
CVV	-	6255		- Ratio	160	240	40	22	13	M30	49	80	130	22	14	9
CVV	-	6265		- Ratio	170	300	40	22	13	M30	49	80	130	22	14	9
CVV	-	6275		- Ratio	180	320	45	25	15	M30	52	90	150	25	14	9

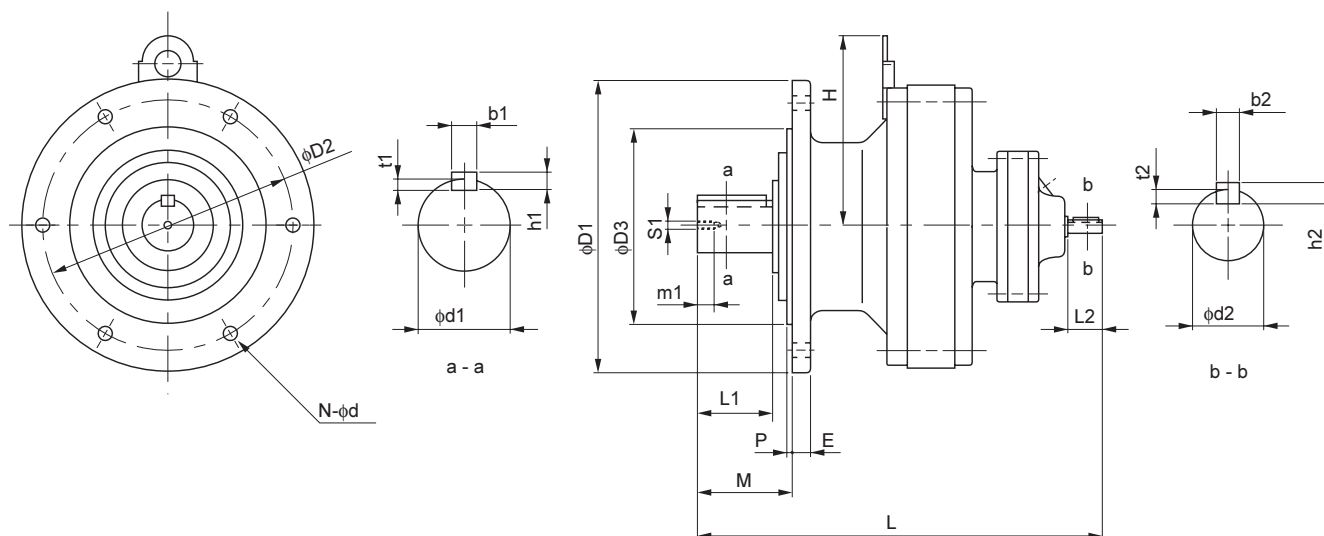
Note: 1. □ indicates 0 or 5, expressing combination with reduction ratio. Refer to the Selection Table for details.

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 Speed Reducer (Vertical, Slow Speed Shaft Down, V-Flange Mount)

CNV - 606□DA to 612□DB



REDUCERS

Dimension Tables
CNV

Frame Size Note 1	L	D1	D2	D3 Note 4	H	M	E	P	N	d	W(kg)
606□DA	178	120	102	80	-	34	8	3	6	9	5.0
607□DA	184	160	134	110	-	42	9	3	4	11	6.7
609□DA	243	160	134	110	107	48	9	3	4	11	11
610□DA	257	160	134	110	107	48	9	3	4	11	13
612□DA	293	210	180	140	137	69	13	4	6	11	25
612□DB	312	210	180	140	137	69	13	4	6	11	29

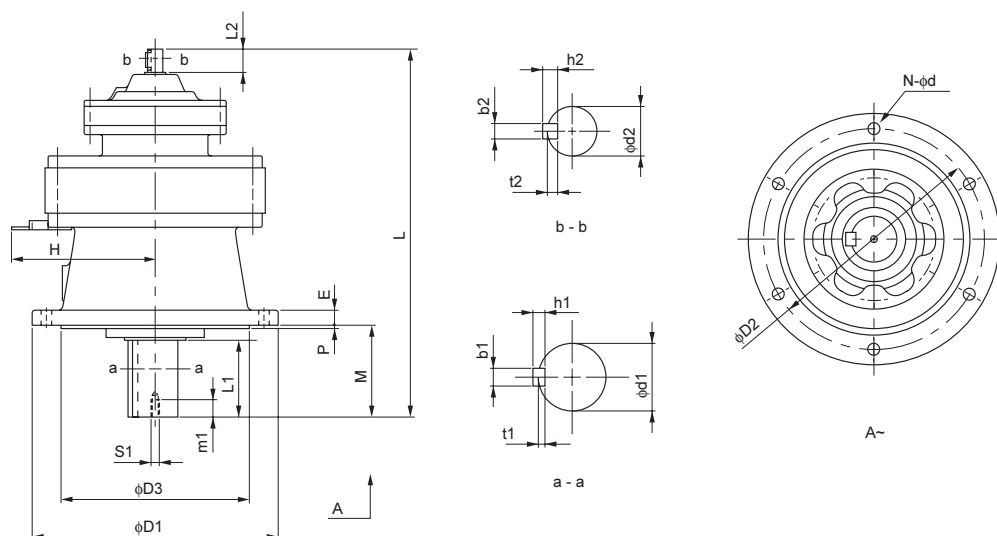
Model Note 1	Output Shaft Note 2, 3								Input Shaft Note 2, 3				
	d1	L1	b1	h1	t1	S1	m1		d2	L2	b2	h2	t2
CNV - 606□DA - Ratio	14	25	5	5	3	M5	16		12	25	4	4	2.5
CNV - 607□DA - Ratio	18	30	6	6	3.5	M6	16		12	25	4	4	2.5
CNV - 609□DA - Ratio	28	35	8	7	4	M8	20		12	25	4	4	2.5
CNV - 610□DA - Ratio	28	35	8	7	4	M8	20		12	25	4	4	2.5
CNV - 612□DA - Ratio	38	55	10	8	5	M8	20		12	25	4	4	2.5
CNV - 612□DB - Ratio	38	55	10	8	5	M8	20		15	25	5	5	3

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

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

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

CVV - 613□DA to 618□DA



Frame Size	L	D1	D2	D3	M	E	P	N	d	H	W(kg)
Note 1				Note 4							
613□DA	347	260	230	200	76	15	4	6	11	150	40
613□DB	363	260	230	200	76	15	4	6	11	150	43
613□DC	369	260	230	200	76	15	4	6	11	-	44
614□DA	367	260	230	200	96	15	4	6	11	150	40
614□DB	383	260	230	200	96	15	4	6	11	150	43
614□DC	389	260	230	200	96	15	4	6	11	-	44
616□DA	433	340	310	270	89	20	4	6	11	-	80
616□DB	439	340	310	270	89	20	4	6	11	-	82
617□DA	478	400	360	316	94	22	5	8	14	-	115
617□DB	484	400	360	316	94	22	5	8	14	-	117
618□DA	526	430	390	345	110	22	5	8	18	-	149

Model	Ratio	Output Shaft							Input Shaft				
		d1	L1	b1	h1	t1	S1	m1	d2	L2	b2	h2	t2
CVV - 613□DA -	Ratio	50	61	14	9	5.5	M10	18	12	25	4	4	2.5
CVV - 613□DB -	Ratio	50	61	14	9	5.5	M10	18	15	25	5	5	3
CVV - 613□DC -	Ratio	50	61	14	9	5.5	M10	18	15	25	5	5	3
CVV - 614□DA -	Ratio	50	81	14	9	5.5	M10	18	12	25	4	4	2.5
CVV - 614□DB -	Ratio	50	81	14	9	5.5	M10	18	15	25	5	5	3
CVV - 614□DC -	Ratio	50	81	14	9	5.5	M10	18	15	25	5	5	3
CVV - 616□DA -	Ratio	60	80	18	11	7	M10	18	15	25	5	5	3
CVV - 616□DB -	Ratio	60	80	18	11	7	M10	18	15	25	5	5	3
CVV - 617□DA -	Ratio	70	84	20	12	7.5	M12	24	15	25	5	5	3
CVV - 617□DB -	Ratio	70	84	20	12	7.5	M12	24	15	25	5	5	3
CVV - 618□DA -	Ratio	80	100	22	14	9	M12	24	15	25	5	5	3

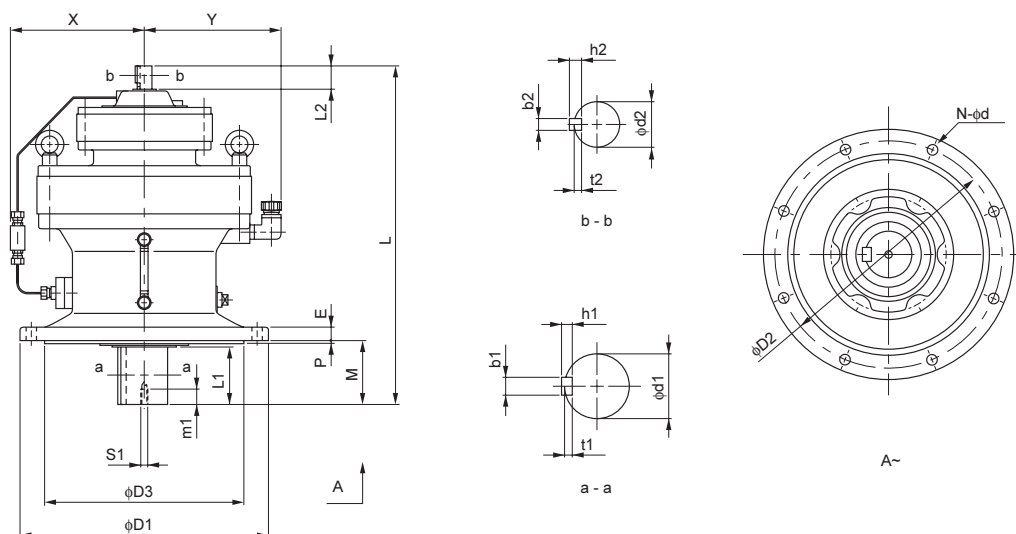
Note: 1. □ indicates 0 or 5, expressing combination with reduction ratio. Refer to the Selection Table for details.

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 Speed Reducer (Vertical, Slow Speed Shaft Down, V-Flange Mount)

CVV - 616□DC to 6275DA



Frame Size Note 1	L	D1	D2	D3 Note 4	M	E	P	N	d	X	Y	W(kg)
616□DC	462	340	310	270	89	20	4	6	11	196	200	90
617□DC	509	400	360	316	94	22	5	8	14	218	225	125
618□DB	577	430	390	345	110	22	5	8	18	233	240	171
619□DA	629	490	450	400	145	30	6	12	18	255	270	229
619□DB	653	490	450	400	145	30	6	12	18	255	270	240
6205DA	670	455	405	355	204	30	5	8	22	341	287	246
6205DB	705	455	405	355	204	30	5	8	22	341	287	258
6215DA	731	490	440	390	203	35	7	8	24	348	306	333
6215DB	780	490	440	390	203	35	7	8	24	348	306	355
6225DA	773	535	475	415	210	35	10	8	27	352	326	408
6225DB	860	535	475	415	210	35	10	8	27	352	326	455
6235DA	883	570	510	450	250	40	10	8	27	359	344	510
6235DB	938	570	510	450	250	40	10	8	27	359	344	544
6245DA	921	635	560	485	250	40	10	8	33	370	371	604
6245DB	975	635	560	485	250	40	10	8	33	370	371	633
6255DA	1081	685	610	535	295	45	10	8	33	395	399	925
6255DB	1133	685	610	535	295	45	10	8	33	395	399	993
6265DA	1243	750	660	570	360	50	10	8	39	427	431	1265
6275DA	1504	1160	1020	900	355	60	10	8	39	610	613	2660

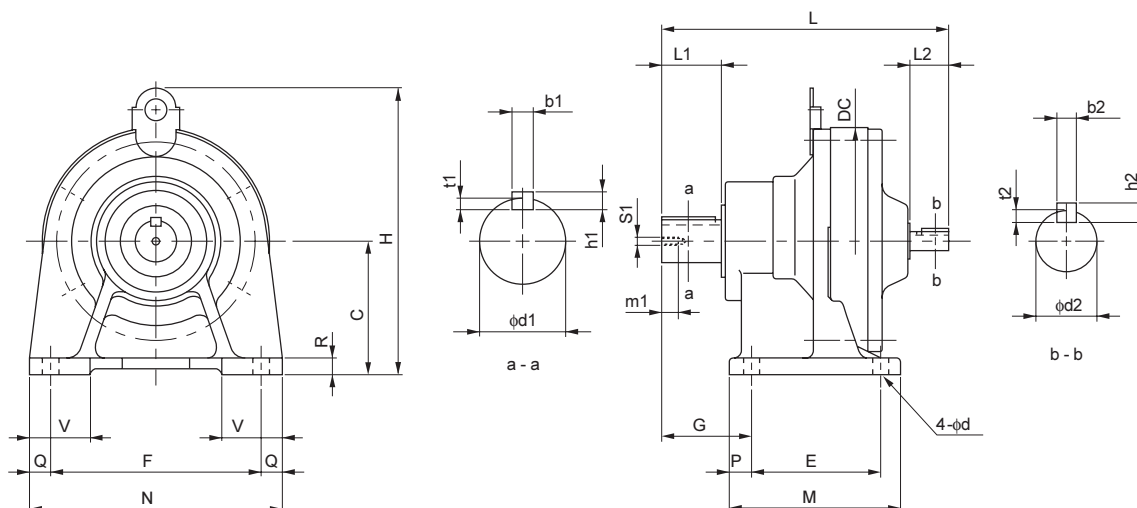
Model Note 1	Output Shaft Note 2, 3								Input Shaft Note 2, 3				
	d1	L1	b1	h1	t1	S1	m1		d2	L2	b2	h2	t2
CVV - 616□DC - Ratio	60	80	18	11	7	M10	18		18	35	6	6	3.5
CVV - 617□DC - Ratio	70	84	20	12	7.5	M12	24		18	35	6	6	3.5
CVV - 618□DB - Ratio	80	100	22	14	9	M12	24		22	40	6	6	3.5
CVV - 619□DA - Ratio	95	125	25	14	9	M20	34		18	35	6	6	3.5
CVV - 619□DB - Ratio	95	125	25	14	9	M20	34		22	40	6	6	3.5
CVV - 6205DA - Ratio	100	165	28	16	10	M20	34		18	35	6	6	3.5
CVV - 6205DB - Ratio	100	165	28	16	10	M20	34		22	40	6	6	3.5
CVV - 6215DA - Ratio	110	165	28	16	10	M20	34		22	40	6	6	3.5
CVV - 6215DB - Ratio	110	165	28	16	10	M20	34		30	45	8	7	4
CVV - 6225DA - Ratio	120	165	32	18	11	M20	34		22	40	6	6	3.5
CVV - 6225DB - Ratio	120	165	32	18	11	M20	34		35	55	10	8	5
CVV - 6235DA - Ratio	130	200	32	18	11	M24	41		30	45	8	7	4
CVV - 6235DB - Ratio	130	200	32	18	11	M24	41		40	65	12	8	5
CVV - 6245DA - Ratio	140	200	36	20	12	M24	41		30	45	8	7	4
CVV - 6245DB - Ratio	140	200	36	20	12	M24	41		40	65	12	8	5
CVV - 6255DA - Ratio	160	240	40	22	13	M30	49		35	55	10	8	5
CVV - 6255DB - Ratio	160	240	40	22	13	M30	49		45	70	14	9	5.5
CVV - 6265DA - Ratio	170	300	40	22	13	M30	49		45	70	14	9	5.5
CVV - 6275DA - Ratio	180	320	45	25	15	M30	52		45	70	14	9	5.5

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

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

Dimension Tables Speed Reducer (Foot Mount, Center Height Option)

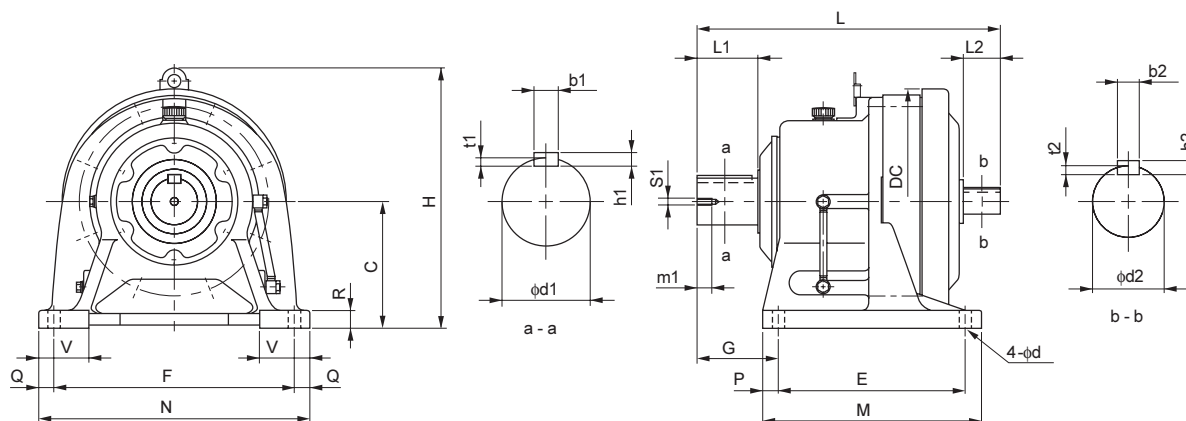
CNH - 610H, 612H



Frame Size	L	C	DC	E	F	G	H	M	N	P	Q	R	V	d	W(kg)
610H	208	120	150	90	150	60	227	135	180	15	15	12	45	11	14
612H	259	140	204	115	190	82	277	155	230	20	20	15	60	14	25

Model	Output Shaft								Input Shaft					
	d1	L1	b1	h1	t1	S1	m1		d2	L2	b2	h2	t2	
CHH - 610H - Ratio	28	35	8	7	4	M8	20		15	25	5	5	3	
CHH - 612H - Ratio	38	55	10	8	5	M8	20		18	35	6	6	3.5	

CNH - 614H, 616H



Frame size	L	C	DC	E	F	G	H	M	N	P	Q	R	V	d	W(kg)
614H	341	160	230	145	290	120	310	195	330	25	20	22	70	18	46
616H	413	200	318	150	370	139	407	238	410	44	20	25	80	18	89

Model	Output Shaft								Input Shaft					
	d1	L1	b1	h1	t1	S1	m1		d2	L2	b2	h2	t2	
CHH - 614H - Ratio	50	90	14	9	5.5	M10	18		22	40	6	6	3.5	
CHH - 616H - Ratio	60	90	18	11	7	M10	18		30	45	8	7	4	

Note: 1. Dimension of shaft end diameter: Dimension tolerance conforms to JIS B 0401-1976 "h6."

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

3. Refer to pages F-28~30 for details on input and output shaft end dimensions.

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