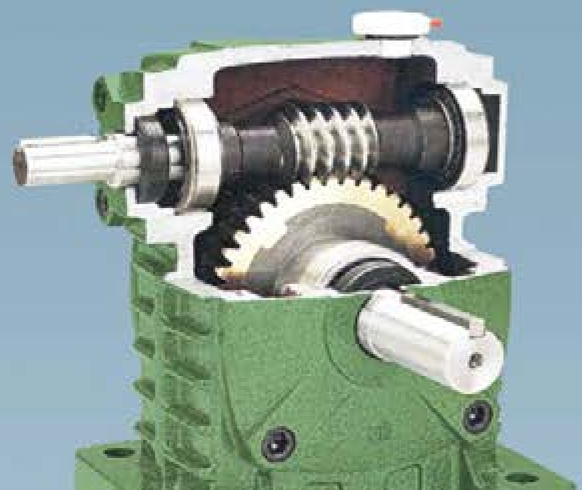
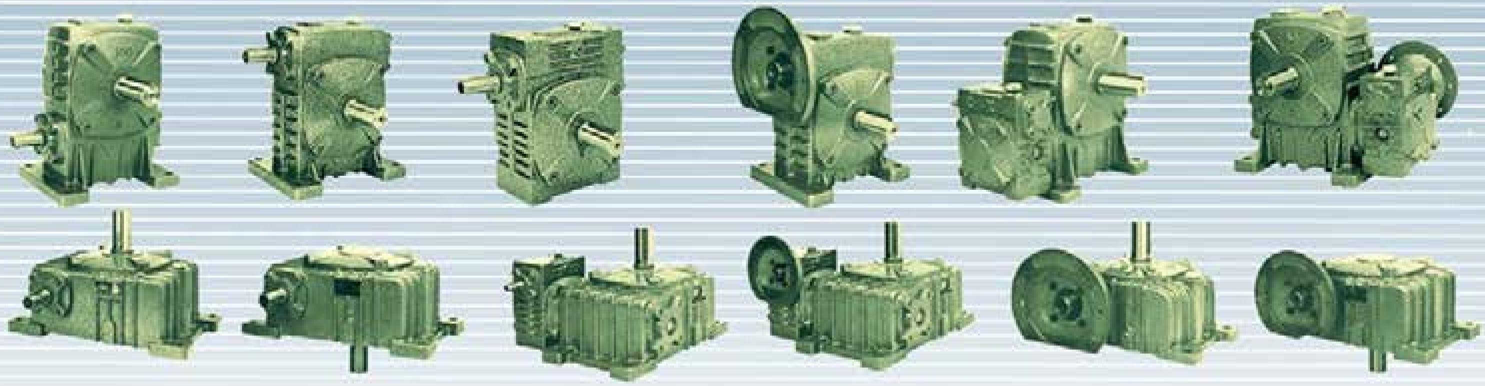
WORM GEAR REDUCER

CPG

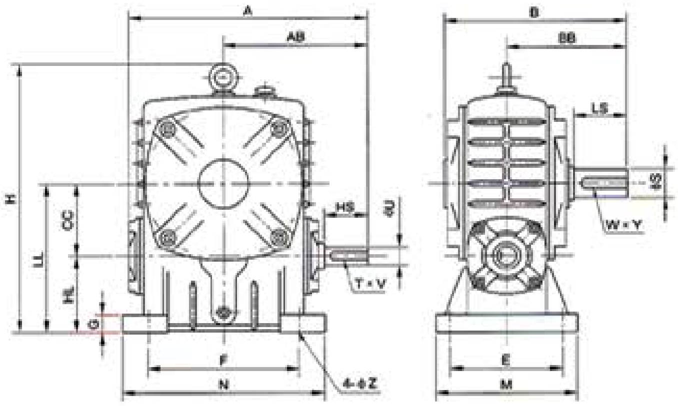
MADE IN TAIWAN



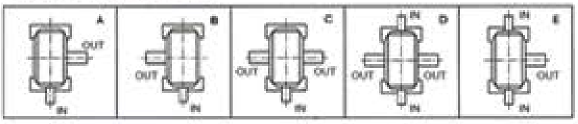


GEAR REDUCER CPG

Model : PA

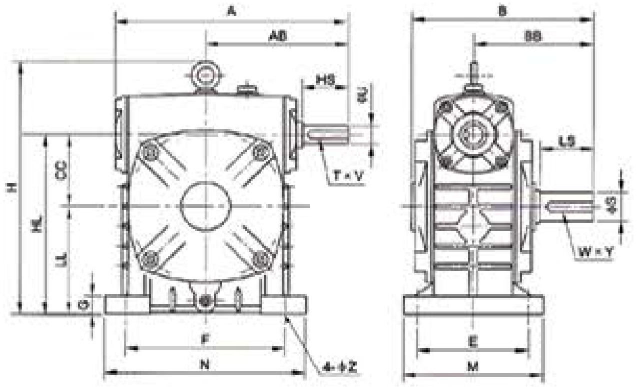


Shaft Direction

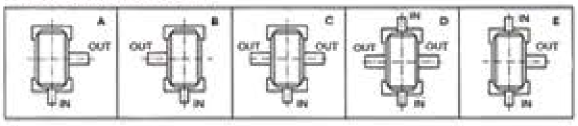


SIZE	Ratio	A	AB	B	BB	CC	E	F	G	H	HL	LL	M	N	Z	Input shaft			Output shaft			kg	L
																HS	U	T x V	LS	S	W x Y		
40	1/5 1/10 1/15 1/20 1/25 1/30 1/40 1/50 1/60	142	85	112	74	40	70	80	12	135	40	80	90	100	10	25	12	4 x 2.5	28	14	5 x 3	3.8	0.14
50		175	105	145	95	50	95	110	15	180	50	100	120	140	11	30	12	4 x 2.5	40	17	5 x 3	7	0.17
60		195	120	165	110	60	105	120	20	210	60	120	130	150	11	40	15	5 x 3	50	22	7 x 4	10.5	0.23
70		234	140	195	130	70	115	150	20	243	70	140	150	190	15	40	18	5 x 3	60	28	7 x 4	14.5	0.5
80		264	160	210	140	80	135	180	20	273	80	160	170	220	15	50	22	7 x 4	65	32	10 x 4.5	22	0.7
100		300	178	230	155	100	155	220	25	340	100	200	190	260	15	50	25	7 x 4	75	38	10 x 4.5	36	1.6
120		385	230	285	185	120	180	260	30	405	120	240	230	320	18	65	30	7 x 4	85	45	12 x 4.5	63	3.0
135		435	260	320	210	135	200	290	30	455	135	270	250	350	18	75	35	10 x 4.5	95	55	15 x 5	80	3.5
155		507	300	387	252	155	220	320	38	490	135	290	280	390	20	85	40	10 x 4.5	110	60	15 x 5	114	3.6
175		550	325	407	262	175	250	350	40	565	160	335	310	430	20	85	45	12 x 4.5	110	65	18 x 6	150	4.5
200		594	350	480	305	200	290	390	42	625	175	375	360	480	22	85	50	12 x 4.5	125	70	20 x 7	218	6.4
250		710	420	560	360	250	380	480	42	730	200	450	460	560	27	110	60	15 x 5	155	90	24 x 8	363	8.5

Model : PR



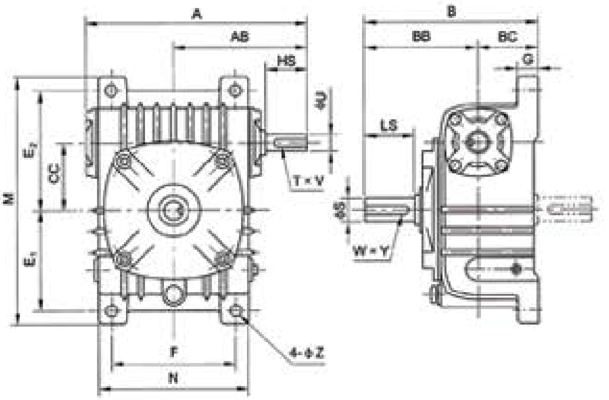
Shaft Direction



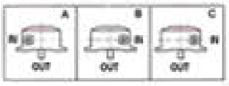
SIZE	Ratio	A	AB	B	BB	CC	E	F	G	H	HL	LL	M	N	Z	Input shaft			Output shaft			kg	L
																HS	U	T x V	LS	S	W x Y		
40	1/5 1/10 1/15 1/20 1/25 1/30 1/40 1/50 1/60	142	85	112	74	40	70	80	12	135	100	60	90	100	10	25	12	4 x 2.5	28	14	5 x 3	3.8	0.3
50		175	105	145	95	50	95	110	15	180	130	80	120	140	11	30	12	4 x 2.5	40	17	5 x 3	7	0.4
60		185	120	165	110	60	105	120	20	205	150	90	130	150	11	40	15	5 x 3	50	22	7 x 4	10.5	0.5
70		234	140	195	130	70	115	150	25	235	175	105	150	190	15	40	18	5 x 3	60	28	7 x 4	14.5	0.7
80		264	160	210	140	80	135	180	25	265	200	120	170	220	15	50	22	7 x 4	65	32	10 x 4.5	22	1.1
100		300	178	230	155	100	155	220	25	327	250	150	190	260	15	50	25	7 x 4	75	38	10 x 4.5	36	2.3
120		385	230	285	185	120	180	260	30	388	300	180	230	320	18	65	30	7 x 4	85	45	12 x 4.5	68	4.5
135		435	260	320	210	135	200	290	30	445	350	215	250	350	18	75	35	10 x 4.5	95	55	15 x 5	80	6.0
155		507	300	387	252	155	220	320	38	483	390	235	280	390	20	85	40	10 x 4.5	110	60	15 x 5	114	6.2
175		550	325	407	262	175	250	350	40	550	435	260	310	430	20	85	45	12 x 4.5	110	65	18 x 6	150	8.0
200		594	350	480	305	200	290	390	42	610	490	290	360	480	22	95	50	12 x 4.5	125	70	20 x 7	218	9.0
250		710	420	560	360	250	380	480	48	755	600	350	460	560	27	110	60	15 x 5	155	90	24 x 8	363	17.0

Model : PORD

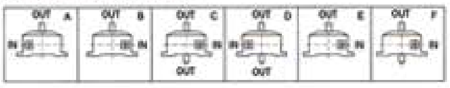
Model : PORU



Shaft Direction

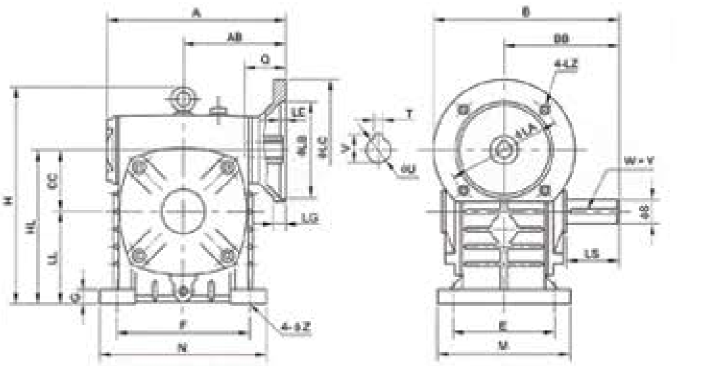


Shaft Direction

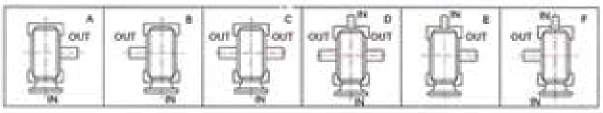


SIZE	Ratio	A	AB	B	BB	BC	CC	E_1	E_2	F	G	M	N	Z	Input shaft HS	Input shaft U	Input shaft T x V	Output shaft LS	Output shaft S	Output shaft W x Y	kg	L
40	1/5, 1/10, 1/15, 1/20, 1/25, 1/30, 1/40, 1/50, 1/60	142	85	114	74	40	40	72	85	75	12	179	97	10	25	12	4 x 2.5	28	14	5 x 3	3.8	0.35
50		175	105	145	95	50	50	93	102	90	14	220	116	11	30	12	4 x 2.5	40	17	5 x 3	6.5	0.5
60		195	120	165	110	55	60	105	120	100	15	260	126	11	40	15	5 x 3	50	22	7 x 4	9	0.6
70		234	140	195	130	65	70	120	135	120	20	295	156	15	40	18	5 x 3	60	28	7 x 4	14	1.1
80		264	160	210	140	70	80	130	150	140	20	320	176	15	50	22	7 x 4	65	32	10 x 4.5	21	1.44
100		300	178	245	155	90	100	155	180	190	30	375	226	15	50	25	7 x 4	75	38	10 x 4.5	33	3.0
120		385	230	285	185	100	120	185	215	220	30	450	266	18	65	30	7 x 4	85	45	12 x 4.5	51	5.1
135		435	260	320	210	110	135	210	235	260	35	495	306	18	75	35	10 x 4.5	95	55	15 x 5	75	7.2
155		507	300	392	252	140	155	245	295	290	45	590	350	20	85	40	10 x 4.5	110	60	15 x 5	115	9.0
175		550	325	412	262	150	175	267	323	320	45	640	394	20	85	45	12 x 4.5	110	65	18 x 6	143	10
200		594	350	480	305	175	200	290	360	370	42	710	440	22	95	50	12 x 4.5	125	70	20 x 7	200	12
250		710	420	560	360	200	250	350	440	440	46	860	510	27	110	60	15 x 5	155	90	24 x 8	345	22

Model : PRF



Shaft Direction

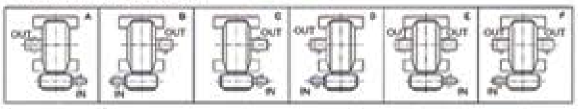


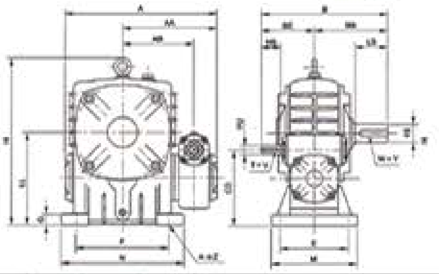
SIZE	KW	Ratio	A	AB	B	BB	CC	E	F	G	H	HL	LL	M	N	Z	Flang LA	Flang LB	Flang LC	Flang LE	Flang LG	Flang LZ	Input Hole Q	Input Hole U	Input Hole T x V	Output Shaft LS	Output Shaft S	Output Shaft W x Y	kg
50	0.18	1/5, 1/10, 1/15, 1/20, 1/25, 1/30, 1/40, 1/50, 1/60	155	84	165	95	50	95	110	15	180	130	80	120	140	11	115	95	140	5	10	M8	25	11	4 x 12.8	40	17	5 x 3	7
60	0.37		170	92	190	110	60	105	120	20	205	150	90	130	150	11	130	110	160	5	12	M8	35	14	5 x 16.3	50	22	7 x 4	11
70	0.37		206	110	210	130	70	115	150	20	235	175	105	150	190	15	130	110	160	5	12	M8	35	14	5 x 16.3	60	28	7 x 4	14
	0.75				230												165	130	200		15	M10	45	19	6 x 21.8				
80	0.75		232	128	240	140	80	135	180	20	265	200	120	170	220	15	165	130	200	5	15	M10	45	19	6 x 21.8	65	32	10 x 4.5	23
	1.5																						55	24	8 x 27.3				
100	1.5		266	145	255	155	100	155	220	25	363	250	150	190	260	15	165	130	200	5	15	M10	55	24	8 x 27.3	75	38	10 x 4.5	38
120	2.2		340	182	310	185	120	180	260	30	424	300	180	230	320	18	215	180	250	5	18	M12	65	28	8 x 31.3	85	45	12 x 4.5	65
	3.0																												
135	3.0		375	200	335	210	135	200	290	30	481	350	215	250	350	18	215	180	250	5	18	M12	65	28	8 x 31.3	95	55	15 x 5	84
	4.0																												
155	5.5		442	236	402	252	155	220	320	32	536	390	235	280	390	20	265	230	300	5	20	M12	85	38	10 x 41.3	110	60	15 x 5	120
175	7.5		465	240	412	262	175	250	350	40	550	435	260	310	430	20	265	230	300	6	18	M12	85	38	10 x 41.3	110	65	18 x 6	155

GEAR REDUCER CPG

Model : PDA

Shaft Direction

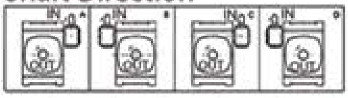


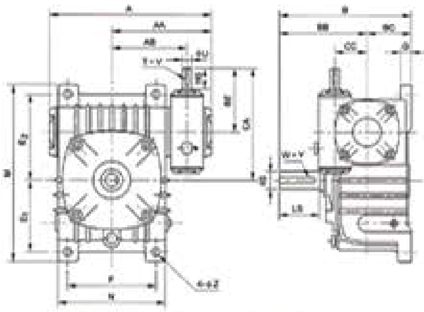


SIZE	Ratio	A	AA	AB	B	BB	BE	CD	E	F	G	H	LL	M	N	Z	Input shaft			Output shaft		
																	HS	U	TxV	LS	S	WxY
40 - 60	1/200 1/300 1/400 1/500 1/600 1/800 1/900	232	156	112	201	110	90	100	105	120	20	210	120	130	150	11	25	12	4 x 2.5	50	22	7 x 4
50 - 80		297	192	139	245	140	105	130	135	180	20	278	160	170	220	15	30	12	4 x 2.5	65	32	10 x 4.5
60 - 100		337	215	161	275	155	120	160	155	220	25	372	200	190	260	15	40	15	5 x 3	75	38	10 x 4.5
70 - 120		412	258	195	325	185	140	190	180	260	30	430	240	230	320	18	40	18	5 x 3	85	45	12 x 4.5
80 - 135		475	300	230	370	210	160	215	200	290	30	491	270	250	350	18	50	22	7 x 4	95	55	15 x 5
100 - 155		549	349	265	430	252	178	235	220	320	38	526	290	280	390	20	50	25	7 x 4	110	60	15 x 5
120 - 175		605	385	290	492	262	230	280	250	350	40	565	335	310	430	20	65	30	7 x 4	110	65	18 x 6
135 - 200		674	431	323	565	305	260	310	290	390	42	625	375	360	480	22	75	35	10 x 4.5	125	70	20 x 7

Model : PDO-RU

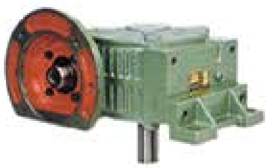
Shaft Direction





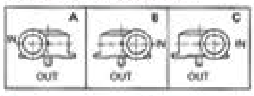
SIZE	Ratio	A	AA	AB	B	BB	BC	BE	CA	CC	E_1	E_2	F	G	M	N	Z	Input shaft			Output shaft		
																		HS	U	TxV	LS	S	WxY
50 - 80	1/200 1/300 1/400 1/500 1/600 1/800 1/900	297	192	139	210	140	70	105	185	50	130	150	140	20	320	176	15	30	12	4 x 2.5	65	32	10 x 4.5
60 - 100		337	215	161	245	155	90	120	220	60	155	180	190	30	375	226	15	40	15	5 x 3	75	38	10 x 4.5
70 - 120		412	258	195	285	185	100	140	260	70	185	215	220	30	450	266	18	40	16	5 x 3	85	45	12 x 4.5
80 - 135		475	300	230	320	210	110	160	295	80	210	235	260	35	495	306	18	50	22	7 x 4	95	55	15 x 5
100 - 155		549	349	265	392	252	140	178	333	100	245	295	290	40	590	350	20	50	25	7 x 4	110	60	15 x 5
120 - 175		605	385	290	412	262	150	230	405	120	267	323	320	45	640	394	20	65	30	7 x 4	110	65	18 x 6
135 - 200		674	431	323	480	305	175	260	460	135	290	360	370	42	710	440	22	75	35	10 x 4.5	125	70	20 x 7

Model : PORD-F

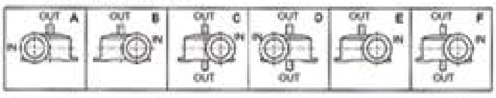


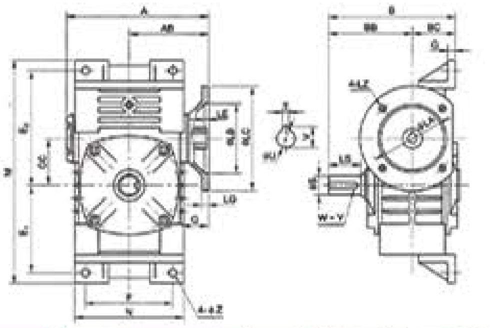
Model : PORU-F

Shaft Direction



Shaft Direction





SIZE	KW	Ratio	A	AB	B	BB	BC	CC	E_1	E_2	F	G	M	N	Z	Flang						Input Hole			Output Shaft			kg
																LA	LB	LC	LE	LG	LZ	Q	U	T x V	LS	S	W x Y	
50	0.18	1/5 1/10 1/15 1/20 1/25 1/30 1/40 1/50 1/60	155	84	145	95	50	50	93	102	90	14	220	116	11	115	95	140	5	10	M8	25	11	4 x 12.8	40	17	5 x 3	7
60	0.37		170	92	165	110	55	60	105	120	100	15	260	126	11	130	110	160	5	12	M8	35	14	5 x 16.3	50	22	7 x 4	10
70	0.37		206	110	195	130	65	70	120	135	120	20	295	156	15	130	110	160	5	12	M8	35	14	5 x 16.3	60	28	7 x 4	15
	0.75															165	130	200		15	M10	45	19	6 x 21.8				
80	0.75		232	128	210	140	70	80	130	150	140	20	320	176	15	165	130	200	5	15	M10	45	19	6 x 21.8	65	32	10 x 4.5	23
	1.5																					55	24	8 x 27.3				
100	1.5		266	145	245	155	90	100	155	180	190	30	375	226	15	165	130	200	5	15	M10	55	24	8 x 27.3	75	38	10 x 4.5	36
120	2.2 3.0		340	182	285	185	100	120	185	215	220	30	450	266	18	215	180	250	5	18	M12	65	28	8 x 31.3	85	45	12 x 4.5	55
135	3.0 4.0		375	200	320	210	110	135	210	235	260	35	495	306	18	215	180	250	5	18	M12	65	28	8 x 31.3	95	55	15 x 5	80
155	5.5		442	236	392	252	140	155	245	295	290	45	590	350	20	265	230	200	5	20	M12	85	38	10 x 41.3	110	60	15 x 5	120
175	7.5		465	240	412	262	150	175	267	323	320	45	640	394	20	265	230	200	6	18	M12	85	38	10 x 41.3	110	65	18 x 6	150
200	7.5		524	280	480	305	175	200	290	360	370	42	710	440	22	265	230	200	6	18	M12	85	38	10 x 41.3	125	70	20 x 7	220
	11															300	250	350			M12	110	42	12 x 45.3				

CPG GEAR REDUCER

Ratings		1800 RPM Input Speed				1500 RPM Input Speed				1200 RPM Input Speed				900 RPM Input Speed				600 RPM Input Speed				300 RPM Input Speed			
		In.	Output			In.	Output			In.	Output			In.	Output			In.	Output			In.	Output		
Size	Ratio		HP	Touque	O.H.L		HP	Touque	O.H.L		HP	Touque	O.H.L		HP	Touque	O.H.L		HP	Touque	O.H.L		HP	Touque	O.H.L
	1/10	0.83	0.65	2.6	70	0.77	0.60	2.8	70	0.67	0.51	3.1	70	0.56	0.42	3.4	70	0.43	0.32	3.8	70	0.23	0.16	3.8	70
	1/15	0.70	0.54	3.0	70	0.62	0.48	3.1	70	0.35	0.27	2.4	70	0.28	0.22	2.6	70	0.24	0.19	3.0	70	0.13	0.10	3.3	70
	1/20	0.38	0.27	2.1	70	0.34	0.24	2.3	70	0.30	0.21	2.5	70	0.26	0.17	2.8	70	0.20	0.13	3.1	70	0.13	0.08	3.7	70
40	1/30	0.43	0.28	3.3	70	0.40	0.25	3.5	70	0.34	0.21	3.8	70	0.27	0.16	3.8	70	0.20	0.11	3.8	70	0.10	0.05	3.8	70
	1/40	0.28	0.15	2.5	70	0.24	0.14	2.6	70	0.21	0.12	2.8	70	0.18	0.10	3.1	70	0.14	0.07	3.4	70	0.09	0.04	3.8	70
	1/50	0.25	0.14	2.8	70	0.23	0.12	3.0	70	0.20	0.11	3.2	70	0.17	0.09	3.5	70	0.13	0.06	3.8	70	0.07	0.03	3.8	70
	1/60	0.20	0.10	2.4	70	0.19	0.09	2.6	70	0.16	0.08	2.7	70	0.14	0.06	5.0	70	0.11	0.05	3.2	70	0.07	0.03	3.8	70
	1/10	1.44	1.15	4.59	100	1.31	1.03	4.94	107	1.16	0.90	5.40	115	0.89	0.68	5.43	120	0.60	0.45	5.43	140	0.31	0.23	5.43	200
	1/15	1.07	0.81	4.89	115	0.97	0.73	5.22	120	0.82	0.60	5.43	130	0.63	0.45	5.43	140	0.43	0.30	5.43	160	0.22	0.15	5.43	200
	1/20	0.65	0.48	3.85	130	0.58	0.43	4.13	140	0.51	0.37	4.48	155	0.43	0.31	4.94	170	0.32	0.22	5.43	200	0.17	0.12	5.43	200
50	1/30	0.68	0.45	5.43	150	0.58	0.37	5.43	170	0.48	0.30	5.43	180	0.37	0.22	5.43	200	0.26	0.15	5.43	200	0.14	0.07	5.43	200
	1/40	0.44	0.28	4.50	170	0.40	0.25	4.80	180	0.35	0.21	5.16	200	0.28	0.17	5.43	200	0.20	0.11	5.43	200	0.10	0.05	5.43	200
	1/50	0.39	0.23	4.55	200	0.35	0.20	4.94	200	0.31	0.17	5.29	200	0.24	0.13	5.43	200	0.17	0.09	5.43	200	0.09	0.04	5.43	200
	1/60	0.31	0.18	4.35	200	0.28	0.16	4.60	200	0.24	0.13	4.87	200	0.21	0.11	5.34	200	0.15	0.07	5.43	200	0.08	0.03	5.43	200
	1/10	2.32	1.87	7.44	98	2.08	1.66	7.95	104	1.88	1.47	8.80	110	1.57	1.21	9.68	121	1.23	0.93	11.1	140	0.66	0.48	11.6	200
	1/15	1.72	1.32	7.91	116	1.55	1.18	8.46	123	1.36	1.01	9.07	133	1.17	0.85	10.2	145	0.90	0.64	11.5	167	0.48	0.32	11.6	200
	1/20	1.21	0.89	7.15	138	1.10	0.80	7.66	146	0.98	0.69	8.31	157	0.83	0.57	9.16	172	0.65	0.43	10.4	200	0.38	0.24	11.6	200
60	1/30	1.14	0.78	9.31	151	1.05	0.70	10.0	159	0.92	0.59	10.6	172	0.78	0.48	11.6	189	0.54	0.32	11.6	200	0.29	0.16	11.6	200
	1/40	0.62	0.52	8.27	178	0.75	0.46	8.83	189	0.67	0.39	9.49	200	0.58	0.32	10.4	200	0.45	0.24	11.6	200	0.25	0.12	11.6	200
	1/50	0.77	0.49	9.70	200	0.70	0.43	10.2	200	0.62	0.37	11.0	200	0.40	0.23	9.22	200	0.31	0.17	10.3	200	0.19	0.09	11.6	200
	1/60	0.64	0.38	9.20	200	0.58	0.34	9.70	200	0.51	0.29	10.4	200	0.43	0.24	11.3	200	0.25	0.13	9.52	200	0.14	0.07	11.2	200
	1/10	3.48	2.82	11.2	128	3.11	2.50	11.9	136	2.77	2.20	13.1	145	2.23	1.81	14.1	159	1.85	1.41	16.9	180	1.20	0.88	21.1	228
	1/15	2.53	1.96	11.7	153	2.29	1.76	12.6	161	2.02	1.52	13.6	174	1.73	1.28	15.2	190	1.34	0.96	17.3	218	0.87	0.59	21.4	277
	1/20	1.93	1.47	11.7	178	1.75	1.31	12.5	188	1.55	1.14	13.6	202	1.31	0.94	15.0	222	1.02	0.71	17.1	255	0.65	0.43	20.6	300
70	1/30	1.69	1.16	13.8	198	1.55	1.05	15.0	208	1.36	0.89	16.1	225	1.18	0.74	17.7	247	0.92	0.56	20.1	284	0.59	0.33	23.8	300
	1/40	1.24	0.82	13.1	233	1.13	0.73	14.0	247	1.01	0.63	15.0	266	0.86	0.51	16.5	293	0.67	0.39	18.6	300	0.43	0.23	21.9	300
	1/50	1.12	0.72	14.3	266	1.03	0.64	15.2	282	0.91	0.55	16.3	300	0.77	0.45	17.8	300	0.60	0.33	19.7	300	0.39	0.19	23.2	300
	1/60	0.94	0.58	13.9	289	0.86	0.51	14.6	300	0.76	0.43	15.6	300	0.65	0.36	17.0	300	0.50	0.26	18.6	300	0.32	0.15	22.0	300
	1/10	4.93	4.01	15.9	180	4.43	3.58	17.0	191	3.89	3.12	18.6	204	3.30	2.59	20.6	224	2.63	2.02	24.1	254	1.70	1.26	30.1	321
	1/15	3.57	2.79	16.7	215	3.21	2.49	17.8	228	2.83	2.17	19.4	244	2.44	1.81	21.7	267	1.90	1.38	24.7	306	1.24	0.85	30.7	388
	1/20	2.53	1.90	15.1	253	2.30	1.71	16.3	267	2.04	1.49	17.8	287	1.73	1.22	19.5	316	1.37	0.93	22.4	362	0.89	0.57	27.2	400
80	1/30	2.38	1.66	19.8	277	2.15	1.47	21.1	294	1.90	1.28	22.9	316	1.85	1.06	25.3	345	1.31	0.80	28.7	398	0.84	0.47	34.0	400
	1/40	1.70	1.10	17.5	326	1.54	0.98	18.7	347	1.38	0.85	20.4	372	1.19	0.69	22.2	400	0.94	0.52	25.0	400	0.62	0.31	29.8	400
	1/50	1.57	1.01	20.1	364	1.43	0.90	21.6	385	1.28	0.77	23.1	400	1.09	0.63	25.1	400	0.85	0.47	28.0	400	0.55	0.28	33.0	400
	1/60	1.29	0.79	18.9	400	1.18	0.71	20.4	400	1.05	0.60	21.6	400	0.91	0.50	23.7	400	0.70	0.36	26.0	400	0.46	0.21	30.8	400
	1/10	8.73	7.18	28.5	167	7.93	6.46	30.8	177	6.93	5.60	33.4	190	5.87	4.69	37.3	207	4.68	3.65	43.3	235	2.79	2.09	50.0	297
	1/15	6.33	5.02	29.9	204	5.66	4.43	31.7	217	5.09	3.94	35.3	230	4.33	3.29	39.3	251	3.38	2.48	44.5	289	1.99	1.39	50.0	365
	1/20	5.02	3.93	31.2	239	4.57	3.54	33.8	252	4.03	3.09	36.9	269	3.40	2.53	40.3	297	2.67	1.93	46.2	240	1.52	1.04	50.0	435
100	1/30	4.20	3.00	35.8	265	3.81	2.66	38.2	281	3.35	2.30	41.1	302	2.89	1.92	46.0	330	2.23	1.39	50.0	382	1.20	0.69	50.0	500
	1/40	3.17	2.20	35.1	316	2.86	1.96	37.4	336	2.54	1.71	40.9	359	2.03	1.28	46.0	397	1.71	1.04	50.0	458	0.92	0.52	50.0	500
	1/50	2.39	1.59	31.8	364	2.17	1.42	34.0	386	1.93	1.24	37.0	415	1.66	1.01	40.2	458	1.29	0.75	44.7	500	0.79	0.41	50.0	500
	1/60	1.96	1.27	30.4	400	1.79	1.14	32.7	424	1.59	0.97	34.9	458	1.37	0.79	38.1	500	1.05	0.58	42.0	500	0.68	0.34	49.8	500
	1/10	13.8	11.4	45.7	177	12.6	10.4	49.6	184	11.0	9.02	53.8	198	9.38	7.55	60.1	214	7.46	5.86	69.9	241	4.64	3.51	84.0	305
	1/15	10.0	8.05	48.0	218	9.02	7.15	51.2	231	8.08	6.32	56.5	244	6.83	5.26	62.8	267	5.39	4.01	71.9	305	3.30	2.34	84.0	385
	1/20	7.16	5.54	44.0	270	6.49	4.97	47.4	285	5.72	4.30	51.3	306	4.85	3.58	57.0	335	3.87	2.74	65.4	383	2.53	1.69	80.7	488
120	1/30	6.66	4.82	57.5	285	6.00	4.28	61.3	302	5.31	3.70	66.3	325	4.55	3.09	73.9	354	3.65	2.34	83.9	408	1.97	1.17	84.0	531
	1/40	4.68	3.19	50.7	357	4.19	2.81	53.6	380	3.77	2.45	58.5	407	3.24	2.03	64.8	446	2.62	1.53	73.3	514	1.64	0.88	84.0	665
	1/50	3.93	2.74	54.5	404	3.54	2.43	58.0	429	3.15	2.12	63.4	459	2.69	1.72	68.7	508	2.09	1.28	76.5	588	1.24	0.70	84.0	700
	1/60	3.14	2.04	48.9	453	2.84	1.81	51.9	481	2.52	1.56	56.2	518	2.17	1.28	61.3	571	1.70	0.94	67.5	662	1.12	0.56	81.1	700
	1/10	19.8	16.5	66.0	304	18.0	15.0	71.7	319	15.8	13.0	77.7	342	13.3	10.9	86.8	372	10.6	8.46	101	421	6.87	5.30	126	533
	1/15	14.7	11.9	71.4	362	13.1	10.6	76.1	384	11.8	9.38	84.0	407	9.95	7.82	93.3	445	7.83	5.96	106	510	5.11	3.73	133	644
	1/20	11.3	9.11	72.5	426	10.3	8.19	78.2	449	8.97	7.03	83.9	484	7.69	5.92	94.3	528	6.05	4.51	107	605	3.88	2.76	131	772
135	1/30	9.68	7.21	86.0	468	8.71	6.40	91.7	496	7.70	5.53	99.1	533	6.58	4.62	110	563	5.24	3.50	125	670	3.13	1.95	140	866
	1/40	6.98	5.08	80.8	566	6.37	4.54	86.8	599	5.60	3.92	93.8	645	4.80	3.27	104	707	3.81	2.45	117	814	2.43	1.45	138	950
	1/50	5.28	3.73	74.2	650	4.76	3.29	78.7	691	4.23	2.87	85.8	742	3.60	2.35	93.6	819	2.83	1.75	104	944	1.82	1.04	124	950
	1/60	4.15	2.80	67.0	724	3.75	2.48	71.2	769	3.31	2.15	77.0	827	2.84	1.76	94.1	912	2.21	1.29	92.6	950	1.45	0.77	111	950

CPG GEAR REDUCER

Ratings		1800 RPM Input Speed				1500 RPM Input Speed				1200 RPM Input Speed				900 RPM Input Speed				600 RPM Input Speed				300 RPM Input Speed			
		In.	Output			In.	Output			In.	Output			In.	Output			In.	Output			In.	Output		
Size	Ratio		HP	Touque	O.H.L		HP	Touque	O.H.L		HP	Touque	O.H.L		HP	Touque	O.H.L		HP	Touque	O.H.L		HP	Touque	O.H.L
155	1/10	32.9	27.3	105	1500	29.8	24.7	114	1500	26.4	21.7	125	1500	22.3	18.1	139	1500	17.8	14.3	165	1500	11.7	8.99	207	1500
	1/15	22.9	18.5	106	1500	20.5	16.5	114	1500	18.1	14.4	124	1500	15.4	12.0	139	1500	12.1	9.31	161	1500	8.06	5.84	202	1500
	1/20	14.9	11.8	94.5	1500	13.5	10.6	102	1500	11.9	9.29	110	1500	10.0	7.70	122	1500	8.01	5.94	141	1500	5.18	3.65	174	1500
	1/30	13.3	9.76	112	1500	12.1	8.82	122	1500	10.4	7.55	130	1500	9.08	6.32	146	1500	7.24	4.87	168	1500	4.77	2.92	202	1500
	1/40	9.32	6.67	106	1500	8.26	5.86	112	1500	7.40	5.11	122	1500	6.28	4.22	134	1500	5.02	3.19	152	1500	3.25	1.91	182	1500
	1/50	7.13	4.97	98.9	1500	6.42	4.40	105	1500	5.76	3.84	114	1500	4.89	3.17	126	1500	3.90	2.37	141	1500	2.53	1.41	168	1500
	1/60	5.85	3.99	95.3	1500	5.37	3.57	102	1500	4.72	3.05	109	1500	3.94	2.48	118	1500	3.20	1.87	133	1500	2.10	1.12	160	1500
175	1/10	46.8	39.1	150	1770	42.5	35.4	163	1800	37.7	31.3	180	1800	31.7	26.0	200	1800	25.2	20.4	235	1800	16.6	12.9	297	1800
	1/15	33.0	26.7	154	1800	29.6	23.9	165	1800	25.9	20.8	180	1800	22.1	17.5	202	1800	17.3	13.4	233	1800	11.4	8.44	292	1800
	1/20	22.8	18.2	141	1800	20.4	16.2	151	1800	18.0	14.2	165	1800	15.2	11.7	182	1800	12.1	9.15	212	1800	7.87	5.62	261	1800
	1/30	19.0	14.1	163	1800	17.2	12.7	176	1800	15.0	11.0	190	1800	12.9	9.20	212	1800	10.2	7.04	243	1800	6.73	4.23	293	1800
	1/40	13.2	9.60	149	1800	11.9	8.58	159	1800	10.4	7.36	171	1800	8.96	6.12	190	1800	7.10	4.65	216	1800	4.69	2.80	261	1800
	1/50	9.78	6.81	135	1800	8.74	6.03	144	1800	7.98	5.37	160	1800	6.64	4.32	171	1800	5.28	3.25	194	1800	3.46	1.94	231	1800
	1/60	8.23	5.74	132	1800	7.74	5.31	147	1800	6.62	4.41	152	1800	5.56	3.60	166	1800	4.45	2.70	187	1800	2.90	1.62	224	1800
200	1/10	52.6	44.0	181	1750	47.7	39.9	196	1840	41.8	34.8	215	1950	35.6	29.3	241	2120	28.0	22.8	281	2200	18.5	14.4	356	2200
	1/15	39.5	32.1	198	1990	35.4	28.7	212	2090	30.9	25.0	231	2200	26.3	21.0	259	2200	20.6	16.1	298	2200	13.6	10.0	373	2200
	1/20	30.2	24.3	193	2200	27.0	21.6	206	2200	23.8	18.9	226	2200	20.1	15.7	250	2200	15.9	12.2	291	2200	10.3	7.48	357	2200
	1/30	25.1	18.8	232	2200	22.6	16.8	249	2200	19.8	14.6	270	2200	16.9	12.1	300	2200	13.3	9.32	345	2200	8.78	5.60	414	2200
	1/40	18.2	13.3	213	2200	16.5	12.0	230	2200	14.3	10.3	247	2200	12.3	8.62	274	2200	9.56	6.43	307	2200	6.44	3.94	376	2200
	1/50	13.8	9.84	195	2200	12.3	8.68	207	2200	11.2	7.76	231	2200	9.29	6.21	247	2200	7.33	4.69	280	2200	4.83	2.80	334	2200
	1/60	11.5	8.01	188	2200	10.3	7.11	200	2200	9.64	6.49	228	2200	7.76	5.05	237	2200	6.12	3.77	265	2200	4.03	2.26	318	2200
225	1/10	71.2	60.2	239	2150	64.6	54.5	260	2260	56.6	47.7	284	2400	48.1	40.1	319	2500	37.8	31.2	372	2500	24.9	19.8	473	2500
	1/15	56.8	46.9	280	2410	50.9	41.8	300	2500	44.4	36.4	326	2500	37.8	30.6	365	2500	29.4	23.4	422	2500	19.3	14.6	527	2500
	1/20	43.4	35.2	280	2500	38.6	31.2	298	2500	34.1	27.4	327	2500	28.8	22.8	363	2500	22.6	17.6	421	2500	14.6	10.8	518	2500
	1/30	37.3	28.6	342	2500	33.4	25.6	367	2500	29.2	22.2	399	2500	24.9	18.5	442	2500	19.6	14.2	508	2500	12.7	8.54	611	2500
	1/40	25.8	19.3	307	2500	23.6	17.4	333	2500	20.4	14.9	375	2500	17.6	12.5	399	2500	13.6	9.36	447	2500	9.09	5.72	546	2500
	1/50	19.4	14.2	282	2500	17.2	12.5	299	2500	15.6	11.1	334	2500	12.9	8.96	356	2500	10.1	6.77	404	2500	6.65	4.04	482	2500
	1/60	16.0	11.3	262	2500	14.2	10.0	278	2500	13.2	9.18	318	2500	10.6	7.14	330	2500	8.37	5.34	370	2500	5.50	3.20	443	2500
250	1/10	96.6	81.3	323	2700	88.3	74.2	354	2700	78.4	65.7	392	2700	65.5	54.7	435	2700	51.8	42.6	508	2700	34.2	27.1	648	2700
	1/15	72.3	59.3	354	2700	66.4	54.3	389	2700	57.9	47.2	423	2700	49.0	39.7	474	2700	38.3	30.3	544	2700	25.3	19.2	689	2700
	1/20	55.3	45.0	367	2700	49.2	39.9	391	2700	43.3	35.0	428	2700	36.4	29.0	473	2700	28.7	22.4	549	2700	18.6	13.8	678	2700
	1/30	47.2	35.8	427	2700	42.2	31.9	457	2700	37.1	27.9	499	2700	31.0	23.0	551	2700	24.7	17.6	633	2700	16.3	10.8	774	2700
	1/40	32.9	24.5	401	2700	29.8	22.2	435	2700	25.9	19.1	468	2700	22.8	16.4	537	2700	17.2	11.9	587	2700	11.4	7.30	715	2700
	1/50	22.7	17.3	359	2700	21.2	15.4	383	2700	18.7	13.5	418	2700	15.8	11.0	458	2700	12.2	8.23	511	2700	8.12	4.97	617	2700
	1/60	20.2	14.6	350	2700	18.0	12.9	371	2700	16.8	11.9	426	2700	13.4	9.21	439	2700	10.5	6.88	493	2700	6.91	4.13	591	2700
300	1/10	146	123	516	2590	133	111	563	2710	119	100	631	2860	100	84.0	704	3090	78.4	64.8	814	3460	52.4	42.1	1056	3800
	1/15	115	95.8	564	2910	104	87.2	616	3040	92.6	76.9	679	3210	78.0	64.4	757	3480	61.0	49.4	874	3800	40.1	31.3	1106	3800
	1/20	86.2	70.6	573	3150	79.3	64.8	631	3280	68.5	55.8	680	3500	57.7	46.8	759	3790	45.4	36.0	875	3800	29.8	22.5	1100	3800
	1/30	69.6	54.0	658	3560	62.2	48.2	706	3800	54.2	41.8	765	3800	45.6	34.8	848	3800	36.1	26.8	976	3800	23.6	16.4	1196	3800
	1/40	53.0	40.0	665	3800	47.3	35.6	710	3800	41.3	30.9	771	3800	34.5	25.4	849	3800	27.7	19.6	979	3800	18.1	11.8	1186	3800
	1/50	40.6	30.1	612	3800	36.6	27.0	659	3800	32.0	23.4	713	3800	28.4	20.4	828	3800	21.2	14.5	888	3800	14.0	8.80	1074	3800
	1/60	32.2	23.4	571	3800	28.6	20.8	608	3800	25.2	18.0	660	3800	21.4	14.9	729	3800	16.5	11.0	811	3800	11.0	6.66	980	3800
350	1/10	–	–	–	–	185	156	788	3260	165	139	876	3430	140	118	993	3680	110	92.4	1161	4080	72.9	59.3	1493	4890
	1/15	–	–	–	–	153	126	926	3680	138	114	1044	3850	115	94.5	1152	4170	89.8	72.9	1332	4650	59.6	46.6	1705	5100
	1/20	140	114	933	3900	129	105	1030	4000	111	91.3	1111	4320	95.3	77.4	1257	4640	74.1	59.2	1441	5100	48.2	36.9	1798	5100
	1/30	–	–	–	–	89.6	69.0	1043	4870	78.1	60.0	1133	5100	65.8	50.1	1263	5100	52.0	38.6	1461	5100	33.8	23.7	1792	5100
	1/40	78.8	59.6	991	5100	70.5	53.2	1061	5100	62.4	46.9	1171	5100	52.5	38.9	1297	5100	41.0	29.6	1475	5100	26.8	17.8	1782	5100
	1/50	62.1	46.5	926	5100	56.0	41.8	999	5100	48.8	36.2	1081	5100	40.9	30.1	1197	5100	43.8	30.9	1357	5100	28.8	18.8	1647	5100
	1/60	48.5	35.8	872	5100	43.4	32.0	933	5100	38.0	27.7	1011	5100	32.0	22.9	1115	5100	24.9	17.0	1249	5100	16.5	10.4	1512	5100