

Rating Table 3000 rpm Input, Single Reduction, Standard Backlash

Frame Size	Ratio	11		17		29		35		47		59		71	
	Output rpm	273		176		103		85.7		63.8		50.8		42.3	
B03	Input HP kW	2.17	1.62	1.53	1.14	1.08	0.81	0.86	0.64	0.61	0.46	0.48	0.36	0.39	0.29
	T1 lb-in Nm	451	50.9	491	55.4	593	67.1	571	64.5	542	61.2	536	60.6	432	58.7
	T2 lb-in Nm	1,130	127	1,230	139	1,480	168	1,430	161	1,360	153	1,340	152	1,080	147
B07	Input HP kW	3.40	2.54	2.40	1.79	1.70	1.27	1.35	1.00	0.96	0.71	0.75	0.56	0.60	0.45
	T1 lb-in Nm	708	79.9	770	87.0	930	105	890	101	850	107	833	105	810	102
	T2 lb-in Nm	1,770	200	1,930	218	2,330	263	2,230	251	2,130	267	2,080	261	2,030	254
C03	Input HP kW	5.02	3.75	3.87	2.89	2.41	1.80	2.22	1.65	1.53	1.14	1.22	0.91	1.02	0.76
	T1 lb-in Nm	1,040	118	1,240	141	1,320	150	1,470	166	1,360	154	1,360	154	1,360	154
	T2 lb-in Nm	2,600	295	3,100	351	3,300	374	3,680	414	3,400	385	3,400	385	3,400	385
C07	Input HP kW	7.38	5.51	6.43	4.79	4.02	3.00	3.69	2.75	2.56	1.91	2.04	1.52	1.69	1.26
	T1 lb-in Nm	1,540	173	2,070	233	2,200	249	2,440	276	2,280	286	2,280	286	2,270	285
	T2 lb-in Nm	3,850	434	5,180	583	5,500	622	6,100	690	5,700	715	5,700	715	5,680	713
D03	Input HP kW	10.4	7.78	9.84	7.34	6.21	4.64	5.50	4.10	4.10	3.06	3.15	2.35	2.50	1.86
	T1 lb-in Nm	2,170	245	3,160	357	3,410	385	3,640	411	3,640	411	3,510	397	3,350	378
	T2 lb-in Nm	5,430	612	7,900	893	8,530	962	9,100	1,030	9,100	1,030	8,780	991	8,380	946
D07	Input HP kW	16.3	12.2	13.6	10.2	8.60	6.41	7.62	5.69	5.68	4.23	4.35	3.24	3.46	2.58
	T1 lb-in Nm	3,390	383	4,380	495	4,710	533	5,040	570	5,040	633	4,850	609	4,640	582
	T2 lb-in Nm	8,480	957	11,000	1,240	11,800	1,330	12,600	1,420	12,600	1,580	12,100	1,520	11,600	1,460

Notes:

T1 - Nominal output torque - unit can continuously sustain this torque value without overheating.

T2 - Emergency stop output torque - unit can sustain this torque value 1000 cycles before breaking.

Acceleration torque is 1.5 times nominal output torque.

Backlash specification is approximately 10 (60 arc-min).

Rating Table 3000 rpm Input, Single Reduction, Precision Backlash (less than 6 arc-min)

Frame Size	Ratio	11		17		29		35		47		59		71	
	Output rpm	273		176		103		85.7		63.8		50.8		42.3	
B03	Input HP kW	1.91	1.43	1.55	1.16	0.96	0.71	0.76	0.56	0.53	0.39	0.43	0.32	0.34	0.25
	T1 lb-in Nm	398	45.0	498	56.3	524	59.2	501	56.6	467	52.8	478	54.0	378	51.4
	T2 lb-in Nm	1,000	112	1,250	141	1,310	148	1,250	141	1,170	132	1,190	135	940	128
B07	Input HP kW	2.55	1.90	2.07	1.54	1.27	0.95	1.01	0.75	0.70	0.52	0.57	0.43	0.45	0.34
	T1 lb-in Nm	531	60.0	664	75.0	698	78.9	668	75.4	623	78.2	637	79.9	606	76.1
	T2 lb-in Nm	1,330	150	1,660	188	1,750	197	1,670	189	1,560	196	1,590	200	1,520	190
C03	Input HP kW	3.90	2.91	3.61	2.69	2.26	1.69	2.08	1.55	1.44	1.08	1.15	0.86	0.95	0.71
	T1 lb-in Nm	811	91.7	1,160	131	1,240	140	1,370	155	1,280	145	1,280	145	1,280	144
	T2 lb-in Nm	2,030	229	2,900	328	3,100	350	3,430	388	3,200	362	3,200	362	3,200	361
C07	Input HP kW	5.20	3.88	4.81	3.59	3.02	2.25	2.77	2.06	1.92	1.43	1.53	1.14	1.27	0.95
	T1 lb-in Nm	1,080	122	1,550	175	1,650	187	1,830	207	1,710	214	1,710	214	1,710	214
	T2 lb-in Nm	2,700	306	3,880	437	4,130	467	4,580	517	4,280	536	4,280	536	4,280	535
D03	Input HP kW	9.16	6.83	7.21	5.38	4.55	3.40	4.04	3.01	3.01	2.24	2.30	1.72	1.83	1.36
	T1 lb-in Nm	1,910	215	2,320	262	2,500	282	2,670	302	2,670	302	2,570	290	2,450	277
	T2 lb-in Nm	4,780	538	5,800	654	6,250	705	6,680	754	6,680	754	6,430	725	6,130	693
D07	Input HP kW	12.2	9.11	9.61	7.17	6.07	4.53	5.38	4.01	4.01	2.99	3.07	2.29	2.44	1.82
	T1 lb-in Nm	2,540	287	3,090	349	3,330	376	3,560	402	3,560	447	3,420	430	3,270	411
	T2 lb-in Nm	6,350	718	7,730	872	8,330	940	8,900	1,010	8,900	1,120	8,550	1,070	8,180	1,030

Notes:

T1 - Nominal output torque - unit can continuously sustain this torque value without overheating.

T2 - Emergency stop output torque - unit can sustain this torque value 1000 cycles before breaking.

Acceleration torque is 1.5 times nominal output torque.