

Rating Table 2000 rpm Input, Single Reduction, Standard Backlash

Frame Size	Ratio	11		17		29		35		47		59		71	
	Output rpm	182		118		69.0		57.1		42.6		33.9		28.2	
A03	Input HP kW	0.92	0.68	0.82	0.61	0.51	0.38	0.47	0.35	0.33	0.25	0.25	0.18	0.17	0.12
	T1 lb-in Nm	285	32.3	390	44.5	420	47.4	460	52.2	440	49.7	410	46.8	330	37.5
	T2 lb-in Nm	521	58.8	724	81.7	769	86.8	847	95.6	802	90.5	764	86.3	608	68.6
A07	Input HP kW	1.22	0.91	1.09	0.81	0.68	0.51	0.62	0.46	0.44	0.33	0.33	0.25	0.22	0.16
	T1 lb-in Nm	381	43.0	530	59.4	560	63.2	620	69.5	590	66.3	550	62.4	440	50.1
	T2 lb-in Nm	521	58.8	724	81.7	769	86.8	847	95.6	802	90.5	764	86.3	608	68.6
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	676	76.4	736	83.2	890	101	856	96.7	813	91.9	805	90.9	779	88.0
	T2 lb-in Nm	1,690	191	1,840	208	2,230	251	2,140	242	2,030	230	2,010	227	1,950	220
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	1,060	120	1,160	131	1,400	158	1,340	151	1,280	144	1,250	141	1,220	137
	T2 lb-in Nm	1,910	216	1,910	216	2,600	294	2,600	294	2,600	294	2,600	294	2,600	294
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	1,570	177	1,870	211	1,990	224	2,200	249	2,050	231	2,050	231	2,050	231
	T2 lb-in Nm	3,930	442	4,680	527	4,980	561	5,500	621	5,130	578	5,130	578	5,130	578
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	2,300	260	3,100	350	3,300	373	3,660	414	3,420	386	3,420	386	3,410	385
	T2 lb-in Nm	3,820	431	5,210	588	6,080	686	6,080	686	6,080	686	6,080	686	6,080	686
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	3,250	367	4,740	536	5,110	577	5,460	617	5,460	617	5,260	595	5,020	568
	T2 lb-in Nm	8,130	919	9,550	1,080	12,600	1,420	12,600	1,420	12,600	1,420	12,600	1,420	12,600	1,420
D07	Input HP kW	16.3	12.16	13.62	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	5,080	574	6,570	742	7,070	799	7,570	855	7,570	855	7,280	822	6,960	786
	T2 lb-in Nm	9,550	1,080	9,550	1,080	12,600	1,420	12,600	1,420	12,600	1,420	12,600	1,420	12,600	1,420
E03	Input HP kW	24.0	17.9	18.8	14.0	13.9	10.4	11.6	8.65	7.71	5.75	6.34	4.73	4.93	3.68
	T1 lb-in Nm	7,490	846	9,100	1,024	11,400	1,290	11,500	1,300	10,300	1,160	10,600	1,200	9,900	1,120
	T2 lb-in Nm	15,700	1,770	22,800	2,560	28,500	3,230	28,800	3,250	25,800	2,900	26,500	3,000	24,800	2,800
E07	Input HP kW	31.3	23.3	27.7	20.7	23.1	17.2	19.1	14.2	12.80	9.55	10.5	7.83	8.16	6.09
	T1 lb-in Nm	9,760	1,103	13,400	1,510	19,000	2,150	19,000	2,140	17,100	1,930	17,600	1,990	16,400	1,860
	T2 lb-in Nm	15,700	1,770	23,600	2,660	31,200	3,520	31,200	3,520	31,200	3,520	31,200	3,520	31,200	3,520
F03	Input HP kW	38.8	28.9	36.0	26.9	30.8	23.0	26.9	20.1	19.5	14.6	14.8	11.06	12.3	9.18
	T1 lb-in Nm	12,100	1,366	17,400	1,960	25,300	2,860	26,700	3,020	26,000	2,940	24,800	2,800	24,800	2,800
	T2 lb-in Nm	30,300	3,420	43,500	4,900	63,300	7,150	65,100	7,350	65,000	7,340	62,000	7,000	62,000	7,000
F07	Input HP kW	51.0	38.0	47.4	35.4	40.5	30.2	35.4	26.4	25.7	19.2	19.5	14.5	16.2	12.1
	T1 lb-in Nm	15,900	1,800	22,900	2,580	33,300	3,760	35,100	3,970	34,300	3,870	32,600	3,690	32,600	3,690
	T2 lb-in Nm	39,800	4,500	52,100	5,880	65,100	7,350	65,100	7,350	65,100	7,350	65,100	7,350	65,100	7,350

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).