

Rating Table - 2000 rpm Input, Single Reduction, Precision Backlash (less than 6 arc-min)

Frame Size	Ratio	Units	Notes	11	17	29	35	47	59	71
E03	Input	[kW]	--	13.100	11.600	9.710	8.050	5.390	4.430	3.420
	Nominal Output Torque	[Nm]	*1	618	849	1,210	1,210	1,090	1,120	1,040
	Emergency Stopping Torque	[Nm]	*2	1,540	2,120	3,030	3,030	2,730	2,800	2,600
	Torsional Rigidity	[Nm/arc-min]	--	54.800	70.400	85.200	85.200	85.200	85.200	85.200
	Moment of Inertia	[kg-cm ²]	--	31.512	52.661	49.291	48.869	48.448	48.448	48.027
E07	Input	[kW]	--	17.400	15.500	13.000	10.700	7.190	5.910	4.570
	Nominal Output Torque	[Nm]	*1	824	1,130	1,610	1,610	1,450	1,500	1,390
	Emergency Stopping Torque	[Nm]	*2	2,060	2,660	3,520	3,520	3,520	3,520	3,480
	Torsional Rigidity	[Nm/arc-min]	--	54.800	70.400	85.200	85.200	85.200	85.200	85.200
	Moment of Inertia	[kg-cm ²]	--	31.512	52.661	49.291	48.869	48.448	48.448	48.027
F03	Input	[kW]	--	20.200	19.900	17.000	14.800	10.800	8.170	6.790
	Nominal Output Torque	[Nm]	*1	953	1,450	2,120	2,230	2,180	2,070	2,070
	Emergency Stopping Torque	[Nm]	*2	2,380	3,630	5,300	5,580	5,450	5,180	5,180
	Torsional Rigidity	[Nm/arc-min]	--	116.700	122.300	133.400	133.400	133.400	133.400	133.400
	Moment of Inertia	[kg-cm ²]	--	87.628	74.989	130.178	127.650	127.650	127.650	125.122
F07	Input	[kW]	--	26.900	26.500	22.600	19.800	14.400	10.900	9.060
	Nominal Output Torque	[Nm]	*1	1,270	1,940	2,820	2,970	2,900	2,760	2,760
	Emergency Stopping Torque	[Nm]	*2	3,180	4,850	7,050	7,350	7,350	6,900	6,900
	Torsional Rigidity	[Nm/arc-min]	--	116.700	122.300	133.400	133.400	133.400	133.400	133.400
	Moment of Inertia	[kg-cm ²]	--	87.628	74.989	130.178	127.650	127.650	127.650	125.122

*1) The reducer can continuously sustain this torque value without overheating

*2) The reducer can sustain this torque value for 1000 cycles without failure

*3) Acceleration torque is 1.5 times the nominal output torque