

# Torque Rating - Single Reduction (6:1 ~ 87:1)

**6 : 1** Always apply appropriate service factor (s.f.) to your application requirement.

Input rpm	1750				1460				1165				870			
Output rpm	292				243				194				145			
DARALI Frame Size	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)
B08	0.54	108	0.40	1.24	0.56	135	0.42	1.55	0.54	161	0.40	1.85	0.43	173	0.32	2.00
B09	1.45	289	1.08	3.33	1.38	331	1.03	3.81	1.24	372	0.93	4.29	0.96	386	0.72	4.45
B10	3.01	601	2.25	6.92	2.72	651	2.03	7.49	2.33	700	1.74	8.06	1.92	772	1.43	8.89
B11	6.80	1360	5.07	15.7	6.48	1560	4.84	17.9	5.82	1750	4.34	20.2	4.76	1920	3.55	22.1
B12	7.50	1500	5.60	17.3	7.50	1800	5.60	20.7	7.50	2250	5.60	25.9	6.45	2600	4.81	30.0
B13	13.5	2700	10.1	31.1	12.9	3100	9.63	35.7	11.6	3500	8.65	40.3	9.51	3830	7.09	44.1
B14	16.8	3370	12.5	38.8	15.5	3730	11.6	43.0	13.6	4100	10.1	47.2	11.2	4490	8.32	51.7
B15	20.1	4030	15.0	46.4	18.2	4340	13.5	50.3	15.6	4700	11.6	54.1	12.8	5150	9.55	59.3
B16	27.2	5430	20.3	62.6	25.4	6100	19.0	70.2	22.5	6760	16.8	77.9	18.4	7440	13.7	85.7
B17	38.7	7760	28.9	89.4	36.5	8770	27.2	101	32.5	9770	24.2	113	26.6	10700	19.8	123

**8 : 1** Always apply appropriate service factor (s.f.) to your application requirement.

Input rpm	1750				1460				1165				870			
Output rpm	219				183				146				109			
DARALI Frame Size	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)
B08	0.54	144	0.40	1.66	0.56	180	0.42	2.07	0.54	215	0.40	2.48	0.47	252	0.35	2.90
B09	1.45	386	1.08	4.45	1.38	441	1.03	5.08	1.24	496	0.93	5.71	0.96	515	0.72	5.93
B10	3.01	801	2.25	9.23	2.72	866	2.03	10.0	2.33	930	1.74	10.7	1.92	1030	1.43	11.9
B11	6.80	1810	5.07	20.9	6.48	2070	4.84	23.8	5.82	2330	4.34	26.8	4.76	2560	3.55	29.5
B12	7.50	2000	5.60	23.0	7.50	2400	5.60	27.6	7.50	3000	5.60	34.6	6.45	3450	4.81	39.7
B13	13.5	3590	10.1	41.4	12.9	4130	9.63	47.5	11.6	4660	8.65	53.7	9.51	5110	7.09	58.9
B14	16.8	4480	12.5	51.6	15.5	4970	11.6	57.2	13.6	5460	10.1	62.8	11.2	5990	8.32	68.9
B15	20.1	5370	15.0	61.9	18.2	5810	13.5	66.9	15.6	6250	11.6	72.0	12.8	6860	9.55	79.0
B16	26.4	7030	19.7	81.0	24.5	7800	18.3	89.9	21.5	8580	16.0	98.8	17.9	9600	13.4	111

**11 : 1** Always apply appropriate service factor (s.f.) to your application requirement.

Input rpm	1750				1460				1165				870			
Output rpm	159				133				106				79.1			
DARALI Frame Size	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)
B07	0.38	139	0.28	1.62	0.34	150	0.25	1.72	0.29	158	0.22	1.82	0.24	177	0.18	2.04
B08	0.54	198	0.40	2.28	0.56	247	0.42	2.85	0.54	296	0.40	3.41	0.47	346	0.35	3.99
B09	1.45	532	1.08	6.13	1.38	608	1.03	7.00	1.24	683	0.93	7.87	0.96	708	0.72	8.16
B10	3.01	1100	2.25	12.7	2.72	1190	2.03	13.7	2.33	1280	1.74	14.7	1.92	1420	1.43	16.4
B11	6.80	2490	5.07	28.7	6.48	2850	4.84	32.8	5.82	3210	4.34	37.0	4.76	3510	3.55	40.4
B12	7.50	2750	5.60	31.7	6.97	3060	5.20	35.3	5.85	3220	4.36	37.1	4.78	3520	3.57	40.6
B13	13.5	4950	10.1	57.0	12.8	5610	9.53	64.6	11.4	6270	8.50	72.2	9.30	6860	6.94	79.0
B14	16.8	6170	12.5	71.1	15.5	6800	11.5	78.3	13.5	7430	10.1	85.6	10.7	7930	8.01	91.4
B15	20.1	7390	15.0	85.1	18.2	7990	13.5	92.0	15.6	8590	11.6	99.0	12.8	9430	9.55	109
B16	26.4	9680	19.7	112	22.2	9740	16.5	112	17.8	9790	13.3	113	14.6	10760	10.9	124
B17	38.7	14200	28.9	164	35.9	15800	26.8	182	31.5	17400	23.5	200	25.8	19000	19.2	219
B18	45.1	16500	33.6	190	47.0	20650	35.1	238	45.0	24800	33.6	286	36.9	27300	27.5	314
B19	59.0	21700	44.0	250	58.5	25750	43.6	297	54.1	29800	40.4	343	44.2	32700	33.0	377
B20	79.1	29000	59.0	334	78.0	34300	58.2	395	71.8	39600	53.6	456	60.6	44500	45.2	510
B21	96.7	35500	72.1	409	98.1	43200	73.2	498	92.2	50900	68.8	586	78.4	57900	58.5	667
B22	132	48400	98.5	558	131	57550	97.6	663	121	66700	90.3	768	103	75900	76.8	874
B23									132	72700	98.5	838	130	96800	97.0	1115
B24									160	88000	119	1014	159	117000	119	1348
B25									193	106000	144	1221	193	142000	144	1647
B26									232	128000	173	1475	232	171000	173	1970
A90	68.3	25000	51.0	281	69.7	30600	52.0	343	65.8	36200	49.1	406	53.8	39700	40.1	442
A91									96.2	53000	71.8	593	86.8	64000	64.8	714
A92									168	92500	125	1030	168	124000	125	1380

- ✓ All cycloidal reduction ratios are EXACT.
- ✓ Though not listed in this catalog, 9:1 and 23:1 for frame sizes B09~B16 are also available from factory.
- ✓ We can design and manufacture other non-standard integral ratios for your large volume requirement.

# Torque Rating - Single Reduction (6:1 ~ 87:1)

**13 : 1** Always apply appropriate service factor (s.f.) to your application requirement.

Input rpm	1750				1460				1165				870			
Output rpm	135				112				89.6				66.9			
DARALI Frame Size	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)
B07	0.38	165	0.28	1.90	0.34	177	0.25	2.03	0.29	188	0.22	2.17	0.23	200	0.17	2.30
B08	0.54	233	0.40	2.68	0.56	291	0.42	3.35	0.54	349	0.40	4.02	0.47	409	0.35	4.71
B09	1.45	626	1.08	7.21	1.38	717	1.03	8.25	1.24	807	0.93	9.30	0.96	836	0.72	9.6
B10	3.01	1300	2.25	15.0	2.72	1410	2.03	16.2	2.33	1520	1.74	17.5	1.92	1670	1.43	19.2
B11	6.80	2950	5.07	34.0	6.37	3320	4.75	38.2	5.64	3680	4.21	42.4	4.61	4030	3.44	46.4
B12	7.50	3250	5.60	37.4	6.89	3580	5.14	41.2	5.85	3810	4.36	43.9	4.78	4170	3.57	48.0
B13	13.5	5870	10.1	67.6	12.4	6440	9.25	74.2	10.8	7010	8.06	80.8	8.79	7670	6.56	88.4
B14	14.6	6350	10.9	73.2	13.2	6850	9.82	78.9	11.3	7340	8.43	84.6	9.21	8040	6.87	92.6
B15	15.7	6830	11.7	78.7	13.9	7250	10.4	83.5	11.8	7670	8.80	88.4	9.63	8400	7.18	96.8
B16	26.4	11400	19.7	131	21.3	11050	15.9	127	16.4	10700	12.2	123	13.4	11700	10.0	135
B17	38.7	16800	28.9	194	35.8	18600	26.7	214	31.3	20400	23.3	235	25.6	22300	19.1	257
B18	45.0	19500	33.6	225	45.7	23750	34.1	274	43.0	28000	32.1	323	35.2	30700	26.3	354
B19	59.0	25600	44.0	295	57.8	30100	43.1	347	53.0	34600	39.5	399	43.4	37800	32.4	435
B20	79.1	34300	59.0	395	77.5	40280	57.8	464	71.1	46200	53.0	532	59.3	51400	44.2	592
B21	96.7	41900	72.1	483	97.0	50380	72.4	580	90.5	58800	67.5	677	75.8	65800	56.5	758
B22	132	57200	98.5	659	130	67430	96.9	777	120	77700	89.1	895	98.2	84900	73.3	978

**15 : 1** Always apply appropriate service factor (s.f.) to your application requirement.

Input rpm	1750				1460				1165				870			
Output rpm	117				97.3				77.7				58.0			
DARALI Frame Size	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)
B07	0.38	190	0.28	2.19	0.34	204	0.25	2.35	0.29	217	0.22	2.50	0.22	221	0.16	2.55
B08	0.54	269	0.40	3.10	0.56	336	0.42	3.87	0.54	403	0.40	4.64	0.43	434	0.32	5.00
B09	1.40	698	1.04	8.04	1.37	792	1.02	9.12	1.18	886	0.88	10.2	0.96	870	0.72	10.0
B10	3.01	1500	2.25	17.3	2.72	1630	2.03	18.8	2.33	1750	1.74	20.2	1.78	1790	1.33	20.6
B11	6.80	3400	5.07	39.2	6.41	3840	4.78	44.2	5.70	4280	4.25	49.3	4.66	4690	3.48	54.0
B12	7.50	3750	5.60	43.2	6.91	4150	5.16	47.8	5.85	4400	4.36	50.7	4.78	4800	3.57	55.3
B13	11.9	5970	8.88	68.8	10.6	6340	7.87	73.0	8.92	6700	6.65	77.2	7.29	7340	5.44	84.6
B14	13.5	6780	10.1	78.1	12.5	7490	9.29	86.3	10.9	8190	8.13	94.3	8.91	8970	6.65	103
B15	15.6	7820	11.6	90.1	13.8	8300	10.3	95.6	11.7	8780	8.73	101	9.48	9550	7.07	110
B16	25.1	12500	18.7	144	20.7	12400	15.5	143	16.4	12300	12.2	142	13.4	13500	10.0	156
B17	35.5	17800	26.5	205	31.4	18850	23.4	217	26.5	19900	19.8	229	21.7	21800	16.2	251
B18	45.0	22500	33.6	259	41.3	24750	30.8	285	35.9	27000	26.8	311	29.4	29600	21.9	341
B19	59.0	29500	44.0	340	57.8	34700	43.1	400	53.0	39900	39.5	460	43.4	43700	32.4	503
B20	79.1	39600	59.0	456	77.1	46250	57.5	533	70.3	52900	52.4	609	57.9	58300	43.2	672
B21	96.7	48400	72.1	558	95.9	57550	71.6	663	88.7	66700	66.2	768	73.2	73700	54.6	849
B22	132	66000	98.5	760	129	77300	96.2	890	118	88600	88.0	1021	93.4	93900	69.7	1082
B23									132	99100	98.5	1142	120	121000	89.5	1394
B24									160	120000	119	1382	150	151000	112	1740
B25									193	145000	144	1670	188	189000	140	2177
B26									232	174000	173	2004	232	233000	173	2684

**17 : 1** Always apply appropriate service factor (s.f.) to your application requirement.

Input rpm	1750				1460				1165				870			
Output rpm	103				85.9				68.5				51.2			
DARALI Frame Size	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)
B07	0.38	217	0.28	2.50	0.32	217	0.24	2.50	0.26	217	0.19	2.50	0.19	217	0.14	2.50
B08	0.54	306	0.40	3.53	0.54	370	0.41	4.26	0.51	434	0.38	5.00	0.38	434	0.28	5.00
B09	1.40	792	1.04	9.12	1.37	831	1.02	9.6	1.17	870	0.87	10.0	0.94	870	0.70	10.0
B10	2.65	1500	1.98	17.3	2.42	1650	1.81	19.0	2.10	1790	1.57	20.6	1.57	1790	1.17	20.6
B11	6.80	3860	5.07	44.5	6.26	4260	4.67	49.1	5.46	4660	4.07	53.7	4.47	5100	3.33	58.8
B12	7.50	4250	5.60	49.0	6.83	4640	5.10	53.5	5.85	4980	4.36	57.4	4.56	5200	3.40	59.9
B13	11.0	6240	8.21	71.9	9.75	6630	7.27	76.4	8.23	7010	6.14	81	6.73	7680	5.02	88.5
B14	13.5	7680	10.1	88.5	12.3	8380	9.20	96.5	10.7	9080	7.98	105	8.37	9550	6.24	110
B15	14.2	8080	10.6	93.1	14.4	9790	10.7	113	13.5	11500	10.1	132	10.7	12200	7.97	141
B16	21.5	12200	16.0	141	19.2	13050	14.3	150	16.3	13900	12.2	160	13.0	14800	9.70	170

# Torque Rating - Single Reduction (6:1 ~ 87:1)

**17 : 1** Always apply appropriate service factor (s.f.) to your application requirement.

Input rpm	1750				1460				1165				870			
Output rpm	103				85.9				68.5				51.2			
DARALI Frame Size	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)
B17	29.5	16700	22.0	192	26.4	18000	19.7	207	22.6	19200	16.9	221	18.4	21000	13.7	242
B18	45.0	25600	33.6	295	40.6	27700	30.3	319	34.9	29800	26.0	343	28.6	32600	21.3	376
B19	59.0	33500	44.0	386	57.8	39400	43.1	453	53.0	45200	39.5	521	43.4	49500	32.4	570
B20	79.6	45150	59.4	520	73.7	50100	55.0	577	64.6	55000	48.2	634	53.0	60400	39.5	696
B21	94.7	53700	74.6	653	94.4	64200	70.5	739	84.1	71700	62.8	825	68.5	78100	51.1	900
B22	127	71800	94.5	827	122.9	83600	91.7	962	111.9	95300	83.5	1098	91.2	104000	68.0	1198
A90	68.0	38500	50.7	432	67.2	45600	50.1	511	62.0	52700	46.3	591	57.6	65600	43.0	731
A91									96.2	81800	71.8	942	85.6	97500	63.9	1123
A92									168	143000	125	1647	156	178000	116	2051
A93									300	255000	224	2938	281	320000	210	3686

**21 : 1** Always apply appropriate service factor (s.f.) to your application requirement.

Input rpm	1750				1460				1165				870			
Output rpm	83.3				69.5				55.5				41.4			
DARALI Frame Size	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)
B07	0.31	217	0.23	2.50	0.26	217	0.19	2.50	0.21	217	0.16	2.50	0.16	217	0.12	2.50
B08	0.54	378	0.40	4.35	0.48	406	0.36	4.68	0.41	432	0.31	4.98	0.31	434	0.23	5.00
B09	1.26	672	0.94	7.74	1.26	730	0.94	8.41	1.02	788	0.76	9.08	0.77	760	0.57	8.76
B10	2.60	1820	1.94	21.0	2.15	1810	1.60	20.9	1.70	1790	1.27	20.6	1.32	1860	0.98	21.4
B11	5.17	3620	3.86	41.7	5.08	4270	3.79	49.2	4.67	4910	3.48	56.6	3.70	5210	2.76	60.0
B12	6.22	4360	4.64	50.2	5.89	4940	4.39	56.9	5.26	5530	3.92	63.7	4.16	5860	3.10	67.5
B13	9.40	6580	7.01	75.8	8.33	6990	6.21	80.5	7.03	7400	5.24	85.2	5.54	7810	4.13	90.0
B14	10.5	7390	7.83	85.1	9.32	7850	6.95	90.4	7.89	8300	5.89	95.6	6.45	9090	4.81	105
B15	11.1	7790	8.28	89.7	9.84	8280	7.34	95.4	8.32	8760	6.21	101	6.78	9550	5.06	110
B16	20.1	14100	15.0	162	16.5	13850	12.3	160	12.9	13600	9.62	157	9.67	13600	7.21	157
B17	28.8	20200	21.5	233	25.5	21400	19.0	247	21.5	22600	16.0	260	16.6	23400	12.4	270
B18	42.2	29600	31.5	341	37.3	31400	27.9	362	31.5	33200	23.5	382	24.6	34700	18.4	400
B19	57.0	39900	42.5	460	50.5	42350	37.7	488	42.6	44800	31.8	516	34.8	49000	26.0	564
B20	72.3	50700	53.9	584	64.1	53900	47.8	621	54.2	57100	40.4	658	44.4	62500	33.1	720
B21	92.7	65000	69.2	749	84.3	70800	62.9	816	72.8	76600	54.3	882	58.5	82500	43.6	950
B22	111	77600	82.8	894	107	89800	79.8	1034	96.8	102000	72.2	1175	80.6	114000	60.1	1313
B23									115	121000	85.8	1394	97.7	138000	72.9	1590
B24									148	155000	110	1786	120	169000	89.5	1947
B25									182	192000	136	2212	159	224000	119	2580
B26									221	233000	165	2684	194	273000	145	3145

**25 : 1** Always apply appropriate service factor (s.f.) to your application requirement.

Input rpm	1750				1460				1165				870			
Output rpm	70.0				58.4				46.6				34.8			
DARALI Frame Size	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)
B07	0.22	187	0.17	2.15	0.20	199	0.15	2.29	0.17	211	0.13	2.43	0.13	217	0.10	2.50
B08	0.39	325	0.29	3.74	0.34	345	0.26	3.97	0.29	365	0.22	4.20	0.24	400	0.18	4.61
B09	0.98	775	0.73	8.93	0.98	823	0.73	9.48	0.84	870	0.63	10.0	0.64	870	0.48	10.0
B10	2.01	1670	1.50	19.2	1.76	1760	1.31	20.3	1.47	1840	1.10	21.2	1.11	1860	0.83	21.4
B11	5.01	4170	3.74	48.0	4.43	4430	3.31	51.0	3.74	4690	2.79	54.0	3.06	5130	2.28	59.1
B12	5.25	4380	3.92	50.5	4.65	4650	3.47	53.6	3.93	4920	2.93	56.7	3.11	5210	2.32	60.0
B13	7.90	6590	5.89	75.9	7.00	6995	5.22	80.6	5.91	7400	4.41	85.2	4.66	7810	3.48	90.0
B14	9.15	7630	6.83	87.9	8.10	8100	6.04	93.3	6.84	8570	5.10	98.7	5.60	9390	4.18	108
B15	10.5	8800	7.83	101	9.15	9180	6.83	106	7.62	9550	5.68	110	5.69	9550	4.24	110
B16	16.5	13700	12.3	158	14.0	14000	10.5	161	11.4	14300	8.50	165	8.32	13900	6.21	160
B17	24.2	20200	18.1	233	21.4	21400	16.0	247	18.1	22600	13.5	260	14.0	23400	10.4	270
B18	35.7	29700	26.6	342	31.6	31600	23.6	364	26.6	33400	19.8	385	20.7	34700	15.4	400
B19	53.7	44800	40.1	516	47.5	47500	35.5	547	40.1	50200	29.9	578	32.8	55000	24.5	634
B20	65.6	54700	48.9	630	58.4	58400	43.6	673	49.6	62100	37.0	715	39.1	65600	29.2	756
B21	82.4	68700	61.5	791	74.1	74100	55.3	854	63.6	79600	47.4	917	49.2	82500	36.7	950
B22	98.6	82200	73.6	947	92.7	92600	69.1	1067	82.2	103000	61.4	1187	68.0	114000	50.7	1313

# Torque Rating - Single Reduction (6:1 ~ 87:1)

**29 : 1** Always apply appropriate service factor (s.f.) to your application requirement.

Input rpm	1750				1460				1165				870			
Output rpm	60.3				50.3				40.2				30.0			
DARALI Frame Size	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)
B07	0.22	214	0.16	2.47	0.19	216	0.14	2.48	0.15	217	0.11	2.50	0.11	217	0.08	2.50
B08	0.38	371	0.28	4.27	0.34	394	0.25	4.54	0.29	417	0.22	4.80	0.22	428	0.16	4.93
B09	0.91	870	0.68	10.0	0.91	870	0.68	10.0	0.74	870	0.55	10.0	0.55	870	0.41	10.0
B10	1.68	1620	1.25	18.7	1.47	1700	1.10	19.6	1.23	1780	0.92	20.5	0.92	1790	0.69	20.6
B11	4.45	4300	3.32	49.5	3.94	4570	2.94	52.6	3.33	4830	2.48	55.6	2.68	5210	2.00	60.0
B12	4.67	4520	3.48	52.1	4.14	4800	3.09	55.3	3.50	5090	2.61	58.6	2.72	5290	2.03	60.9
B13	7.09	6860	5.29	79.0	6.28	7290	4.68	84.0	5.30	7710	3.95	88.8	4.01	7810	2.99	90.0
B14	7.63	7380	5.69	85.0	6.76	7840	5.04	90.3	5.71	8300	4.26	95.6	4.67	9080	3.48	105
B15	9.11	8810	6.80	101	7.92	9180	5.91	106	6.57	9550	4.90	110	4.91	9550	3.66	110
B16	13.9	13400	10.4	154	12.4	14400	9.27	166	10.5	15300	7.83	176	8.03	15600	5.99	180
B17	22.2	21500	16.6	248	19.4	22500	14.5	259	16.1	23400	12.0	270	12.0	23400	8.95	270
B18	28.8	27800	21.5	320	25.5	29600	19.0	341	21.5	31300	16.0	361	17.6	34200	13.1	394
B19	47.0	45500	35.1	524	41.7	48300	31.1	556	35.2	51100	26.3	589	28.7	55900	21.4	644
B20	60.6	58700	45.2	676	54.3	62900	40.5	725	46.2	67000	34.5	772	35.4	68700	26.4	791
B21	74.8	72400	55.8	834	66.8	77500	49.9	893	56.8	82500	42.4	950	42.5	82500	31.7	950
B22	89.7	86800	66.9	1000	82.4	95400	61.5	1099	71.8	104000	53.6	1198	58.6	114000	43.7	1313
B23									86.3	125000	64.4	1440	72.2	141000	53.9	1624
B24									108	157000	80.6	1809	89.5	174000	66.8	2004
B25									148	215000	110	2477	125	244000	93.3	2811
B26									211	307000	157	3537	169	329000	126	3790
A90	50.3	48600	37.5	560	48.1	55650	35.8	641	43.2	62700	32.2	722	35.3	68600	26.3	790
A91									67.6	98100	50.4	1130	59.8	116000	44.6	1336
A92									140	203000	104	2339	124	241000	92.5	2776
A93									194	282000	145	3249	194	377000	145	4343

**35 : 1** Always apply appropriate service factor (s.f.) to your application requirement.

Input rpm	1750				1460				1165				870			
Output rpm	50.0				41.7				33.3				24.9			
DARALI Frame Size	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)
B07	0.19	217	0.14	2.50	0.16	217	0.12	2.50	0.12	217	0.09	2.50	0.09	217	0.07	2.50
B08	0.37	434	0.28	5.00	0.31	434	0.23	5.00	0.25	434	0.19	5.00	0.19	434	0.14	5.00
B09	0.79	851	0.59	9.8	0.77	861	0.57	9.9	0.61	870	0.46	10.0	0.46	870	0.34	10.0
B10	1.38	1610	1.03	18.5	1.22	1700	0.91	19.6	1.02	1790	0.76	20.6	0.76	1790	0.57	20.6
B11	4.22	4930	3.15	56.8	3.62	5070	2.70	58.4	2.97	5210	2.22	60.0	2.22	5210	1.66	60.0
B12	4.74	5530	3.54	63.7	4.16	5820	3.10	67.0	3.49	6100	2.60	70.3	2.71	6360	2.02	73.3
B13	5.64	6580	4.21	75.8	5.00	6990	3.73	80.5	4.22	7400	3.15	85.2	3.33	7810	2.48	90.0
B14	7.46	8710	5.57	100	6.52	9130	4.86	105	5.44	9550	4.06	110	4.07	9550	3.04	110
B15	8.17	9550	6.09	110	7.98	11200	5.95	129	6.85	12000	5.11	138	5.21	12200	3.89	141
B16	13.2	15400	9.85	177	10.7	14900	7.96	172	8.25	14400	6.15	166	6.35	14900	4.74	172
B17	19.4	22600	14.5	260	16.5	23000	12.3	265	13.4	23400	10.0	270	9.96	23400	7.43	270
B18	28.8	33600	21.5	387	24.4	34150	18.2	393	19.8	34700	14.8	400	14.8	34700	11.0	400
B19	37.2	43400	27.8	500	32.9	46100	24.6	531	27.8	48800	20.7	562	22.7	53400	16.9	615
B20	51.1	59600	38.1	687	45.8	64100	34.2	738	39.1	68600	29.2	790	30.2	70800	22.5	816
B21	66.4	77500	49.5	893	59.0	82600	44.0	952	50.1	87800	37.4	1011	37.9	89000	28.3	1025
B22	80.9	94400	60.3	1087	72.9	102000	54.4	1175	62.5	109500	46.6	1261	50.0	117500	37.3	1354
A90	54.7	63800	40.8	735	50.8	71000	37.9	818	44.6	78100	33.3	900	36.5	85600	27.2	986

**43 : 1** Always apply appropriate service factor (s.f.) to your application requirement.

Input rpm	1750				1460				1165				870			
Output rpm	40.7				34.0				27.1				20.2			
DARALI Frame Size	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)
B07	0.15	217	0.11	2.50	0.13	217	0.09	2.50	0.10	217	0.07	2.50	0.08	217	0.06	2.50
B08	0.30	434	0.22	5.00	0.25	434	0.19	5.00	0.20	434	0.15	5.00	0.15	434	0.11	5.00
B09	0.67	870	0.50	10.0	0.62	870	0.46	10.0	0.50	870	0.37	10.0	0.37	870	0.28	10.0
B10	1.26	1800	0.94	20.7	1.05	1810	0.78	20.9	0.84	1810	0.63	20.9	0.63	1810	0.47	20.9
B11	3.01	4320	2.25	49.8	2.67	4590	1.99	52.9	2.25	4850	1.68	55.9	1.81	5210	1.35	60.0

# Torque Rating - Single Reduction (6:1 ~ 87:1)

**43 : 1** Always apply appropriate service factor (s.f.) to your application requirement.

Input rpm	1750				1460				1165				870			
Output rpm	40.7				34.0				27.1				20.2			
DARALI Frame Size	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)
B12	3.16	4530	2.36	52	2.80	4820	2.09	56	2.37	5100	1.77	59	1.90	5470	1.42	63
B13	4.58	6570	3.42	76	4.06	6990	3.03	80	3.43	7400	2.56	85	2.71	7810	2.02	90
B14	4.91	7040	3.66	81	4.35	7480	3.24	86	3.67	7910	2.74	91	3.00	8660	2.24	100
B15	6.04	8660	4.51	100	5.30	9110	3.95	105	4.43	9550	3.30	110	3.31	9550	2.47	110
B16	10.1	14500	7.53	167	8.09	13900	6.04	160	6.19	13300	4.62	153	5.02	14500	3.74	167
B17	14.4	20600	10.7	237	12.8	21900	9.53	252	10.8	23200	8.06	267	8.12	23400	6.06	270
B18	23.0	33000	17.2	380	19.7	33900	14.7	391	16.1	34700	12.0	400	12.0	34700	8.95	400
B19	32.1	46100	23.9	531	28.4	48900	21.2	563	24.0	51700	17.9	596	19.6	56600	14.6	652
B20	42.2	60500	31.5	697	38.0	65400	28.3	753	32.5	70200	24.2	809	25.3	72900	18.9	840
B21	57.5	82500	42.9	950	51.1	87800	38.1	1011	43.2	93000	32.2	1071	33.1	95500	24.7	1100
B22	70.9	102000	52.9	1175	62.7	108000	46.8	1244	53.3	115000	39.8	1325	42.1	121000	31.4	1394
B23									66.5	143000	49.6	1647	54.0	156000	40.3	1797
B24									86.7	187000	64.7	2154	69.3	200000	51.7	2304
B25									105	227000	78.3	2615	90.2	260000	67.3	2995
B26									148	318000	110	3663	119	345000	88.8	3974
B27									195	421000	145	4850	158	458000	118	5276
A90	50.30	72100	37.52	831	47.92	82300	35.75	948	43.0	92500	32.1	1066	35.2	101000	26.3	1164
A91									50.3	108000	37.5	1244	46.7	135000	34.8	1555
A92									96.2	207000	71.8	2385	90.0	259000	67.1	2984
A93									171	367000	128	4228	158	456000	118	5253

**51 : 1** Always apply appropriate service factor (s.f.) to your application requirement.

Input rpm	1750				1460				1165				870			
Output rpm	34.3				28.6				22.8				17.1			
DARALI Frame Size	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)
B08	0.19	326	0.14	3.76	0.17	346	0.13	3.99	0.14	366	0.11	4.22	0.12	401	0.09	4.62
B09	0.46	782	0.34	9.01	0.45	826	0.34	9.5	0.39	870	0.29	10.0	0.32	870	0.24	10.0
B10	0.90	1530	0.67	17.6	0.81	1660	0.61	19.1	0.70	1790	0.52	20.6	0.52	1780	0.39	20.5
B11	2.78	4720	2.07	54.4	2.44	4970	1.82	57.3	2.04	5210	1.52	60.0	1.52	5210	1.13	60.0
B12	3.32	5650	2.48	65.1	2.82	5740	2.10	66.1	2.28	5830	1.70	67.2	1.79	6130	1.34	70.6
B13	3.89	6620	2.90	76.3	3.45	7030	2.57	81.0	2.91	7440	2.17	85.7	2.28	7810	1.70	90.0
B14	4.55	7730	3.39	89.0	4.03	8220	3.01	94.7	3.40	8700	2.54	100	2.78	9520	2.07	110
B15	5.60	9530	4.18	110	4.68	9540	3.49	110	3.74	9550	2.79	110	3.28	11200	2.45	129
B16	7.51	12800	5.60	147	6.32	12900	4.71	149	5.04	12900	3.76	149	3.78	12900	2.82	149
B17	12.9	21900	9.62	252	11.2	22700	8.32	262	9.17	23400	6.84	270	6.85	23400	5.11	270
B18	17.7	30100	13.2	347	15.7	31900	11.7	367	13.2	33700	9.85	388	10.1	34600	7.5	399
B19	27.8	47300	20.7	545	24.7	50300	18.4	579	20.8	53200	15.5	613	17.0	58300	12.7	672
B20	34.9	59300	26.0	683	31.9	65100	23.8	750	27.8	70900	20.7	817	21.6	73900	16.1	851
B21	49.2	83600	36.7	963	43.6	88900	32.5	1024	36.9	94300	27.5	1086	27.9	95500	20.8	1100
B22	60.0	102000	44.8	1175	53.1	108300	39.6	1248	44.8	114500	33.4	1319	35.4	121000	26.4	1394

**59 : 1** Always apply appropriate service factor (s.f.) to your application requirement.

Input rpm	1750				1460				1165				870			
Output rpm	29.7				24.7				19.7				14.7			
DARALI Frame Size	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)
B08	0.18	361	0.14	4.16	0.16	384	0.12	4.42	0.14	406	0.10	4.68	0.11	434	0.08	5.00
B09	0.44	805	0.33	9.27	0.44	838	0.33	9.6	0.36	870	0.27	10.0	0.27	870	0.20	10.0
B10	0.82	1610	0.61	18.5	0.74	1750	0.55	20.2	0.64	1890	0.48	21.8	0.45	1770	0.34	20.4
B11	2.15	4230	1.60	48.7	1.91	4490	1.42	51.7	1.61	4750	1.20	54.7	1.31	5200	0.98	59.9
B12	2.73	5380	2.04	62.0	2.30	5430	1.72	62.6	1.86	5490	1.38	63.2	1.54	6110	1.15	70.4
B13	3.35	6610	2.50	76.1	2.96	7010	2.21	80.8	2.50	7400	1.87	85.2	1.97	7810	1.47	90.0
B14	4.43	8720	3.30	100	3.87	9140	2.89	105	3.23	9550	2.41	110	2.42	9550	1.81	110
B15	4.85	9550	3.62	110	4.62	10900	3.45	126	4.13	12200	3.08	141	3.07	12100	2.29	139
B16	7.00	13700	5.22	158	6.07	14300	4.53	165	5.02	14900	3.74	172	3.72	14700	2.78	169
B17	11.0	21700	8.21	250	9.57	22600	7.14	260	7.92	23400	5.91	270	5.92	23400	4.42	270
B18	14.4	28300	10.7	326	12.8	30100	9.54	347	10.8	31800	8.06	366	8.77	34700	6.54	400
B19	23.4	46000	17.5	530	20.7	48900	15.5	563	17.5	51700	13.1	596	14.3	56600	10.7	652
B20	29.5	58000	22.0	668	27.5	64800	20.5	746	24.2	71500	18.1	824	18.5	74800	13.8	862

# Torque Rating - Single Reduction (6:1 ~ 87:1)

**59 : 1** Always apply appropriate service factor (s.f.) to your application requirement.

Input rpm	1750				1460				1165				870			
Output rpm	29.7				24.7				19.7				14.7			
DARALI Frame Size	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)
B21	43.0	84700	32.1	976	38.2	90100	28.5	1038	32.3	95500	24.1	1100	24.2	95500	18.1	1100
B22	51.6	101000	38.5	1164	45.8	107500	34.1	1238	38.7	114000	28.9	1313	30.7	121000	22.9	1394
B23									46.4	137000	34.6	1578	37.4	148000	27.9	1705
B24									60.2	178000	44.9	2051	48.5	191000	36.2	2200
B25									86.3	255000	64.4	2938	66.0	260000	49.2	2995
B26									116	343000	86.5	3951	94.3	373000	70.3	4297
B27									156	461000	116	5311	127	501000	94.7	5772
A90	28.6	56200	21.3	647	27.7	65300	20.7	752	25.2	74400	18.8	857	20.6	81400	15.4	938
A91									39.0	115000	29.1	1325	35.6	141000	26.6	1624
A92									78.0	230000	58.2	2650	65.8	260000	49.1	2995
A93									143	422000	107	4861	127	501000	94.7	5772

**71 : 1** Always apply appropriate service factor (s.f.) to your application requirement.

Input rpm	1750				1460				1165				870			
Output rpm	24.6				20.6				16.4				12.3			
DARALI Frame Size	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)
B09	0.34	664	0.25	7.65	0.34	706	0.25	8.13	0.29	747	0.22	8.61	0.23	765	0.17	8.81
B10	0.67	1590	0.50	18.3	0.59	1690	0.44	19.5	0.50	1780	0.37	20.5	0.38	1820	0.28	21.0
B11	1.51	3570	1.13	41.1	1.34	3800	1.00	43.8	1.13	4020	0.84	46.3	0.92	4400	0.69	50.7
B12	1.59	3770	1.19	43.4	1.41	4000	1.05	46.1	1.19	4230	0.89	48.7	0.97	4620	0.72	53.2
B13	2.88	6810	2.15	78.5	2.55	7230	1.90	83.3	2.15	7650	1.60	88.1	1.64	7810	1.22	90.0
B14	3.26	7720	2.43	88.9	2.89	8200	2.16	94.5	2.44	8690	1.82	100	2.00	9510	1.49	110
B15	4.03	9540	3.01	110	3.36	9500	2.51	109	2.68	9550	2.00	110	2.36	11200	1.76	129
B16	5.27	12500	3.93	144	4.47	12700	3.33	146	3.62	12900	2.70	149	2.71	12900	2.02	149
B17	9.30	22000	6.94	253	8.01	22700	5.97	262	6.59	23400	4.92	270	4.92	23400	3.67	270
B18	13.0	30800	9.70	355	11.5	32700	8.59	377	9.73	34600	7.26	399	7.29	34700	5.44	400
B19	20.7	49100	15.4	566	18.3	52100	13.7	600	15.5	55100	11.6	635	12.7	60400	9.47	696
B20	25.2	59600	18.8	687	22.7	64400	16.9	742	19.5	69250	14.5	798	15.1	71750	11.2	827
B21	35.3	83600	26.3	963	30.4	86300	22.7	994	25.0	89000	18.7	1025	18.7	89000	14.0	1025
B22	43.3	102500	32.3	1181	37.7	106800	28.1	1230	31.3	111500	23.4	1284	24.1	115000	18.0	1325

**87 : 1** Always apply appropriate service factor (s.f.) to your application requirement.

Input rpm	1750				1460				1165				870			
Output rpm	20.1				16.8				13.4				10.0			
DARALI Frame Size	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)	Input Power (hp)	Output Torque (in-lb)	Input Power (kw)	Output Torque (kg-m)
B09	0.34	812	0.25	9.35	0.31	841	0.23	9.7	0.25	870	0.19	10.0	0.21	870	0.16	10.0
B10	0.67	1940	0.50	22.3	0.58	2020	0.43	23.3	0.48	2090	0.36	24.1	0.33	1920	0.25	22.1
B11	1.44	4170	1.07	48.0	1.28	4430	0.95	51.0	1.08	4690	0.81	54.0	0.88	5130	0.66	59.1
B12	1.51	4390	1.13	50.6	1.33	4630	0.99	53.3	1.12	4870	0.83	56.1	0.91	5320	0.68	61.3
B13	2.66	7710	1.98	88.8	2.17	7560	1.62	87.1	1.70	7400	1.27	85.2	1.34	7810	1.00	90.0
B14	3.03	8790	2.26	101	2.64	9170	1.97	106	2.19	9550	1.63	110	1.64	9550	1.22	110
B15	3.29	9550	2.45	110	3.09	10800	2.30	124	2.75	12000	2.05	138	2.09	12200	1.56	141
B16	4.75	13800	3.54	159	4.05	14100	3.02	162	3.30	14400	2.46	166	2.54	14800	1.89	170
B17	7.46	21600	5.57	249	6.48	22500	4.84	259	5.38	23400	4.01	270	4.02	23400	3.00	270
B18	11.4	33100	8.50	381	9.74	33900	7.27	391	7.96	34700	5.94	400	5.95	34700	4.44	400
B19	18.1	52500	13.5	605	16.0	55800	12.0	643	13.5	59000	10.1	680	10.7	62500	7.98	720
B20	21.1	61200	15.7	705	18.5	64100	13.8	738	15.4	67000	11.5	772	11.8	68700	8.80	791
B21	28.4	82500	21.2	950	23.7	82500	17.7	950	18.9	82500	14.1	950	14.2	82500	10.6	950
B22	35.5	103000	26.5	1187	30.4	106000	22.7	1221	24.9	109000	18.6	1256	18.7	109000	14.0	1256
B23									31.8	139000	23.7	1601	23.8	137000	17.8	1578
B24									42.6	186000	31.8	2143	32.7	191000	24.4	2200
B25									56.9	248000	42.4	2857	42.5	248000	31.7	2857
B26									70.9	309000	52.9	3560	57.3	334000	42.7	3848
A90	25.1	72700	18.7	838	23.9	83200	17.9	958	21.5	93600	16.0	1078	17.6	103000	13.1	1187
A91									25.1	109000	18.7	1256	25.0	146000	18.7	1682
A92									50.3	219000	37.5	2523	44.6	260000	33.3	2995
A93									68.7	299000	51.3	3444	66.5	388000	49.6	4470