

Rating Table 1750 rpm Input, Double Reduction, Standard Backlash

Frame Size	Ratio	121	187	289	319	385	493	517
		(11x11)	(11x17)	(17x17)	(11x29)	(11x35)	(17x29)	(11x47)
	Output rpm	14.5	9.36	6.06	5.49	4.55	3.55	3.38
AB3	Input HP	0.36	0.24	0.15	0.19	0.16	0.12	0.12
	Output lb-in	1,340	1,340	1,340	1,820	1,820	1,820	1,820
AB7 AB105	Input HP	0.52	0.34	0.22	0.27	0.22	0.17	0.16
	Output lb-in	1,910	1,910	1,910	2,600	2,600	2,600	2,600
AC3	Input HP	0.72	0.64	0.41	0.44	0.36	0.28	0.27
	Output lb-in	2,670	3,650	3,650	4,260	4,260	4,260	4,260
AC7 AC115	Input HP	1.04	0.91	0.59	0.63	0.52	0.40	0.39
	Output lb-in	3,820	5,210	5,210	6,080	6,080	6,080	6,080
AD3 AD135	Input HP	1.23	1.17	0.85	0.91	0.75	0.59	0.56
	Output lb-in	4,530	6,650	7,460	8,820	8,820	8,820	8,820
AD7 AD145	Input HP	1.42	1.42	1.21	1.30	1.07	0.84	0.80
	Output lb-in	5,240	8,090	10,660	12,600	12,600	12,600	12,600
BD7 BD154	Input HP	2.59	1.68	-	-	-	-	-
	Output lb-in	9,550	9,550	-	-	-	-	-
BE3 BE165	Input HP	2.98	2.89	1.87	2.24	1.86	1.45	1.38
	Output lb-in	11,000	16,500	16,500	21,800	21,800	21,800	21,800
BE7 BE375	Input HP	4.25	4.14	2.68	3.21	2.66	2.08	1.98
	Output lb-in	15,700	23,600	23,600	31,200	31,200	31,200	31,200
CE7 CE375	Input HP	5.88	-	-	-	-	-	-
	Output lb-in	21,700	-	-	-	-	-	-
CF3	Input HP	7.28	6.07	4.14	4.69	3.89	3.03	2.89
	Output lb-in	26,840	34,600	36,500	45,600	45,600	45,600	45,600
CF7	Input HP	8.67	8.67	5.91	6.69	5.55	4.33	4.13
	Output lb-in	32,000	49,400	52,100	65,100	65,100	65,100	65,100
DF7	Input HP	14.1	9.14	-	-	-	-	-
	Output lb-in	52,100	52,100	-	-	-	-	-

Frame Size	Ratio	595	649	781	799	841	1003	1015
		(17x35)	(11x59)	(11x71)	(17x47)	(29x29)	(17x59)	(29x35)
	Output rpm	2.94	2.70	2.24	2.19	2.08	1.74	1.72
AB3	Input HP	0.12	0.12	0.12	0.12	0.12	0.12	0.12
	Output lb-in	1,820	1,820	1,820	1,820	1,820	1,820	1,820
AB7 AB105	Input HP	0.14	0.13	0.12	0.12	0.12	0.12	0.12
	Output lb-in	2,600	2,600	2,600	2,600	2,600	2,600	2,600
AC3	Input HP	0.23	0.22	0.18	0.17	0.17	0.14	0.14
	Output lb-in	4,260	4,260	4,260	4,260	4,260	4,260	4,260
AC7 AC115	Input HP	0.34	0.31	0.26	0.25	0.24	0.20	0.20
	Output lb-in	6,080	6,080	6,080	6,080	6,080	6,080	6,080
AD3 AD135	Input HP	0.49	0.45	0.37	0.36	0.34	0.29	0.29
	Output lb-in	8,820	8,820	8,820	8,820	8,820	8,820	8,820
AD7 AD145	Input HP	0.69	0.64	0.53	0.52	0.49	0.41	0.41
	Output lb-in	12,600	12,600	12,600	12,600	12,600	12,600	12,600
BE3 BE165	Input HP	1.20	1.10	0.92	0.90	0.85	0.71	0.70
	Output lb-in	21,800	21,800	21,800	21,800	21,800	21,800	21,800
BE7 BE375	Input HP	1.72	1.58	1.31	1.28	1.22	1.02	1.01
	Output lb-in	31,200	31,200	31,200	31,200	31,200	31,200	31,200
CF3	Input HP	2.51	2.30	1.92	1.87	1.78	1.49	1.47
	Output lb-in	45,600	45,600	45,600	45,600	45,600	45,600	45,600
CF7	Input HP	3.59	3.29	2.73	2.67	2.54	2.13	2.10
	Output lb-in	65,100	65,100	65,100	65,100	65,100	65,100	65,100

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

Input HP shown in the shaded area and in bold type is to overcome breakway torque requirements in cold temperatures or high inertia applications. It is recommended that a torque limiting device is used to protect the unit or driven machine.