

Single Reduction GREAVES Speed Reducers Ratings at 1500 RPM Input Speed

Nominal Ratio	Nominal Output RPM	Capacity	Unit Size					
			112	162	200	237	287	337
5/1	300	Input Power KW	0.548	1.243	2.72	4.05	5.51	10.8
		Output Torque Nm	16.6	38.4	77.5	121	171	312
7.5/1	200	Input Power KW	-	1.081	1.93	2.92	4.76	7.24
		Output Torque Nm	-	45.8	82.6	126	203	311
10/1	150	Input Power KW	0.432	1.052	1.88	2.60	3.82	6.29
		Output Torque Nm	24.6	61.8	112	146	228	354
15/1	100	Input Power KW	0.329	0.942	1.50	2.30	3.71	5.62
		Output Torque Nm	25.0	73.5	120	186	301	462
20/1	75	Input Power KW	0.300	0.655	1.40	2.30	2.77	4.16
		Output Torque Nm	28.3	67.1	142	233	294	447
25/1	60	Input Power KW	0.266	0.578	1.14	1.83	2.74	3.91
		Output Torque Nm	30.2	70.8	142	231	352	511
30/1	50	Input Power KW	0.217	0.515	0.94	1.46	2.31	3.50
		Output Torque Nm	28.5	73.0	137	214	348	537
40/1	37.5	Input Power KW	0.164	0.427	0.70	1.06	1.68	2.55
		Output Torque Nm	25.4	76.1	129	197	321	498
50/1	30	Input Power KW	0.112	0.309	0.53	0.820	1.31	1.91
		Output Torque Nm	20.9	65.0	115	180	301	446
60/1	25	Input Power KW	0.096	0.240	0.38	0.60	1.00	1.55
		Output Torque Nm	14.8	43.5	75.2	121	264	412
70/1	21.4	Input Power KW	0.090	0.206	0.35	0.53	0.81	1.18
		Output Torque Nm	14.6	43.7	74.0	118	198	305

Nominal Ratio	Nominal Output RPM	Capacity	Unit Size				
			400	500	600	700	800
5/1	300	Input Power KW	12.8	20.9	38.4	51.5	70.4
		Output Torque Nm	372	629	1130	1560	2140
7.5/1	200	Input Power KW	9.18	17.5	26.3	41.5	54.4
		Output Torque Nm	405	769	1190	1860	2450
10/1	150	Input Power KW	8.36	15.9	23.1	31.9	41.3
		Output Torque Nm	467	914	1330	1840	2390
12.5/1	120	Input Power KW	7.25	-	-	-	-
		Output Torque Nm	530	-	-	-	-
15/1	100	Input Power KW	6.67	11.3	20.0	27.6	37.1
		Output Torque Nm	541	927	1700	2360	3190
20/1	75	Input Power KW	5.81	10.4	15.9	21.5	29.4
		Output Torque Nm	618	1130	800	2370	3280
25/1	60	Input Power KW	4.76	8.00	12.5	19.7	26.9
		Output Torque Nm	616	1060	1680	2680	3710
30/1	50	Input Power KW	4.25	7.45	11.8	16.2	21.6
		Output Torque Nm	641	1160	1880	2610	3500
35/1	42.9	Input Power KW	-	6.71	10.3	14.2	-
		Output Torque Nm	-	1190	1880	2580	-
40/1	37.5	Input Power KW	3.50	5.72	9.64	13.7	17.9
		Output Torque Nm	673	1110	1960	2830	3740
50/1	30	Input Power KW	2.68	4.74	7.81	11.9	15.7
		Output Torque Nm	603	1110	1900	2980	3950
60/1	25	Input Power KW	2.29	4.16	6.24	9.4	13.2
		Output Torque Nm	593	1140	1750	2720	3870
70/1	21.4	Input Power KW	1.98	3.40	5.35	7.75	10.9
		Output Torque Nm	577	1030	1670	2490	3540

S. C. INDUSTRIAL SYNDICATE

Single Reduction GREAVES Speed Reducers Ratings at 1500 RPM Input Speed

Nominal Ratio	Nominal Output RPM	U & V TYPE UNIT SIZE				O TYPE UNIT SIZE		
		1000	1200	1400	1700	1000	1200	1400
Input Power	- Mechanical	KW	KW	KW	KW	KW	KW	KW
Output Torque	- Mechanical	Nm	Nm	Nm	Nm	Nm	Nm	Nm
Input Power	- Thermal	KW	KW	KW	KW	KW	KW	KW
Output Torque	- Thermal	Nm	Nm	Nm	Nm	Nm	Nm	Nm
5/1	300	121 3690 88.2 2680	180 5470 124 3790	249 7460 Forced Lubrication	- - - -	121 3690 88.2 2680	180 5470 122 3720	249 7460 Forced Lubrication
7.5/1	200	89 4030 74.8 3380	138 6220 108 4900	186 8420 155 7030	- - - -	89 4030 74.8 3380	138 6220 106 4790	186 8420 131 5990
10/1	150	62.3 3630 67.3 3920	113 6630 97.8 5750	152 8940 146 8590	318 19200 193 11600	62.3 3630 67.3 3920	113 6630 94.6 5600	152 8940 123 7290
12.5/1	120	- - - -	90.6 6760 90.7 6770	141 10700 125 9490	- - - -	- - - -	90.6 6760 87.3 6570	141 10700 98 7490
15/1	100	55.5 4800 54.1 4680	79.4 6900 81.1 7040	146 12800 115 10100	242 21200 164 14300	55.5 4800 52.3 4550	79.5 6900 72.5 6350	146 12800 87.6 7710
20/1	75	52.8 6050 45.5 5190	82.5 9490 67 7690	118 13600 100 11500	206 23700 131 15000	52.8 6050 40.8 4700	82.5 9490 55.1 6390	118 13600 72.3 8400
25/1	60	43.5 6070 36.4 5060	65.9 9290 54.4 7760	93.1 13100 79.5 11200	152 21600 104 14600	43.5 6070 30.9 4340	65 9290 42.7 6170	93.4 13100 56.4 8010
30/1	50	36.9 6080 31.6 5180	59.3 9890 49 8140	84.4 14600 69.3 11900	148 24700 96.6 16000	36.9 6080 26.1 4330	59.3 9890 36.8 6200	84.4 14600 47.2 8230
35/1	42.9	- - - -	47.1 9250 42.8 8390	- - - -	- - - -	- - - -	47.1 9250 30.6 6100	- - - -
40/1	37.5	31.8 6830 24.6 5250	49.9 10900 37.2 8060	70 15200 50 10700	100 22000 74.4 16200	31.8 6830 18.5 4010	49.9 10900 25.7 5660	70 15200 31.7 6990
50/1	30	26.6 6880 20.9 5350	40.4 10600 31 8100	57.9 15000 41 10700	109 29100 64.5 16800	26.6 6880 14.5 3770	40.4 10600 19.6 5220	57 15000 24.1 6420
60/1	25	22.5 6750 18.1 5390	34.4 10400 26 7740	52.6 16300 38.4 11900	69.6 27900 49.3 17200	22.5 6750 11.5 3480	34.4 10400 15 4560	52.6 16300 20.7 6470
70/1	21.4	18.5 6340 17.2 5850	29.7 10400 25.4 8790	43.8 15200 32.4 11100	74.2 26200 47.3 16200	18.5 6340 9.92 3440	29.7 10400 13.2 4700	43.8 15200 15.5 5450

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