

GearedMotorIndia.com

Rating : Single Reduction Gearbox

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Single Reduction Speed Reducers Ratings at 1500 RPM

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	180	249	-	121	180	249
		3690	5470	7460	-	3690	5470	7460
		88.2	124	Forced	-	88.2	122	Forced
		2680	3790	Lubrication	-	2680	3720	Lubrication
7.5/1	200	89	138	186	-	89	138	186
		4030	6220	8420	-	4030	6220	8420
		74.8	108	155	-	74.8	106	131
		3380	4900	7030	-	3380	4790	5990
10/1	150	62.3	113	152	318	62.3	113	152
		3630	6630	8940	19200	3630	6630	8940
		67.3	97.8	146	193	67.3	94.6	123
		3920	5750	8590	11600	3920	5600	7290
12.5/1	120	-	90.6	141	-	-	90.6	141
		-	6760	10700	-	-	6760	10700
		-	90.7	125	-	-	87.3	98
		-	6770	9490	-	-	6570	7490
15/1	100	55.5	79.4	146	242	55.5	79.5	146
		4800	6900	12800	21200	4800	6900	12800
		54.1	81.1	115	164	52.3	72.5	87.6
		4680	7040	10100	14300	4550	6350	7710
20/1	75	52.8	82.5	118	206	52.8	82.5	118
		6050	9490	13600	23700	6050	9490	13600
		45.5	67	100	131	40.8	55.1	72.3
		5190	7690	11500	15000	4700	6390	8400
25/1	60	43.5	65.9	93.1	152	43.5	65	93.4
		6070	9290	13100	21600	6070	9290	13100
		36.4	54.4	79.5	104	30.9	42.7	56.4
		5060	7760	11200	14600	4340	6170	8010
30/1	50	36.9	59.3	84.4	148	36.9	59.3	84.4
		6080	9890	14600	24700	6080	9890	14600
		31.6	49	69.3	96.6	26.1	36.8	47.2
		5180	8140	11900	16000	4330	6200	8230
35/1	42.9	-	47.1	-	-	-	47.1	-
		-	9250	-	-	-	9250	-
		-	42.8	-	-	-	30.6	-
		-	8390	-	-	-	6100	-
40/1	37.5	31.8	49.9	70	100	31.8	49.9	70
		6830	10900	15200	22000	6830	10900	15200
		24.6	37.2	50	74.4	18.5	25.7	31.7
		5250	8060	10700	16200	4010	5660	6990

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Nominal Ratio	Nominal Output RPM	Capacity	Unit Size				
			400	500	600	700	800
5/1	300	Input Poer KW	12.8	20.9	38.4	51.5	70.4
		Output Torque Nm	372	629	1130	1560	2140
7.5/1	200	Input Poer KW	9.18	17.5	26.3	41.5	54.4
		Output Torque Nm	405	769	1190	1860	2450
10/1	150	Input Poer KW	8.36	15.9	23.1	31.9	41.3
		Output Torque Nm	467	914	1330	1840	2390
12.5/1	120	Input Poer KW	7.25	-	-	-	-
		Output Torque Nm	530	-	-	-	-
15/1	100	Input Poer KW	6.67	11.3	20.0	27.6	37.1
		Output Torque Nm	541	927	1700	2360	3190
20/1	75	Input Poer KW	5.81	10.4	15.9	21.5	29.4
		Output Torque Nm	618	1130	1800	2370	3280
25/1	60	Input Poer KW	4.76	8.00	12.5	19.7	26.9
		Output Torque Nm	616	1060	1680	2680	3710
30/1	50	Input Poer KW	4.25	7.45	11.8	16.2	21.6
		Output Torque Nm	641	1160	1880	2610	3500
35/1	42.9	Input Poer KW	-	6.71	10.3	14.2	-
		Output Torque Nm	-	1190	1880	2580	-
40/1	37.5	Input Poer KW	3.5	5.72	9.64	13.7	17.9
		Output Torque Nm	673	1110	1960	2830	3740
50/1	30	Input Poer KW	2.68	4.74	7.81	11.9	15.7
		Output Torque Nm	603	1110	1900	2980	3950
60/1	25	Input Poer KW	2.29	4.16	6.24	9.4	13.2
		Output Torque Nm	593	1140	1750	2720	3870
70/1	21.4	Input Poer KW	1.98	3.4	5.35	7.75	10.9
		Output Torque Nm	577	1030	1670	2490	3540

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	output Torque	- Mechanical	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
50/1	30	26.6	40.4	57.9	109	26.6	40.4	57
		6880	10600	15000	29100	6880	10600	15000
		20.9	31	41	64.5	14.5	19.6	24.1
		5350	8100	10700	16800	3770	5220	6420
60/1	25	22.5	34.4	52.6	69.6	22.5	34.4	52.6
		6750	10400	16300	27900	6750	10400	16300
		18.1	26	38.4	49.3	11.5	15	20.7
		5390	7740	11900	17200	3480	4560	6470
70/1	21.4	18.5	29.7	43.8	74.2	18.5	29.7	43.8
		6340	10400	15200	26200	6340	10400	15200
		17.2	25.4	32.4	47.3	9.92	13.2	15.5
		5850	8790	11100	16200	3440	4700	5450