

GearedMotorIndia.com

Ratings : Double Reduction Gearbox

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As improvements in design are continually being made, this specification is not regards as binding in detail, and dimensions are subject to alteration without notice

Type : AUD-AOD-AVD

Nominal Ratio	Nominal Input Speed r.p.m.	Nominal Output Speed r.p.m.	Size of unit									
			162		200		237		287		337	
			Input KW	Output Torque Nm	Input KW	Output Torque Nm	Input KW	Output Torque Nm	Input KW	Output Torque Nm	Input KW	Output Torque Nm
100/1	750	7.5	0.12	103.98	0.29	223.67	0.46	369.84	0.53	481.67	0.8	735.75
	1000	10	0.15	97.9	0.36	210.91	0.52	321.77	0.65	454.2	0.94	670.02
	1500	15	0.21	89.37	0.43	172.65	0.56	237.4	0.87	413	1.06	509.14
150/1	750	5	0.11	111.83	0.18	199.14	0.3	316.86	0.44	539.55	0.67	837.77
	1000	6.67	0.14	105.95	0.23	189.33	0.37	300.18	0.54	511.1	0.82	792.65
	1500	10	0.18	97.22	0.3	173.64	0.5	266.83	0.73	467.94	1.03	690.62
200/1	750	3.75	0.08	96.33	0.12	177.56	0.21	274.68	0.3	466.95	0.47	730.84
	1000	5	0.1	91.72	0.17	168.73	0.26	260.94	0.38	443.41	0.58	693.57
	1500	7.5	0.14	84.85	0.23	155.98	0.36	241.32	0.51	409.08	0.78	638.63
300/1	750	2.5	0.07	122.62	0.15	267.81	0.24	442.43	0.27	576.83	0.41	887.8
	1000	3.33	0.09	117.72	0.18	256.04	0.3	422.81	0.33	551.32	0.51	842.68
	1500	5	0.12	109.87	0.26	238.38	0.41	393.38	0.46	513.06	0.56	626.86
400/1	750	1.88	0.07	135.38	0.09	173.64	0.18	406.13	0.21	560.15	0.21	525.81
	1000	2.5	0.09	135.38	0.1	160.88	0.21	390.44	0.26	518.95	0.26	487.56
	1500	3.75	0.12	135.38	0.12	143.22	0.3	367.87	0.32	435.56	0.32	409.08
600/1	750	1.25	0.06	135.38	0.09	230.53	0.12	434.58	0.18	653.34	0.21	739.67
	1000	2.67	0.07	135.38	0.1	214.84	0.17	418.89	0.24	653.34	0.26	687.68
	1500	2.5	0.1	135.38	0.12	190.31	0.24	394.36	0.32	574.86	0.32	577.81
750/1	750	1	0.04	101.04	0.06	178.54	0.09	283.51	0.12	495.4	0.18	742.62
	1000	1.33	0.04	96.43	0.07	170.69	0.11	271.74	0.15	472.84	0.23	708.28
	1500	2	0.07	90.45	0.1	159.9	0.15	253.1	0.21	440.47	0.3	659.23
1000/1	750	0.75	0.04	135.38	0.08	296.26	0.11	489.52	0.14	654.33	0.21	1059
	1000	1	0.05	135.38	0.1	285.47	0.14	470.88	0.18	654.33	0.26	990.81
	1500	1.5	0.08	135.38	0.12	259.96	0.18	442.43	0.24	654.33	0.32	839.73
1200/1	750	0.63	0.04	135.38	0.07	272.72	0.1	437.52	0.12	654.33	0.2	1128
	1000	0.83	0.05	135.38	0.08	262.91	0.12	420.85	0.15	654.33	0.24	1128
	1500	1.25	0.07	135.38	0.11	248.19	0.15	396.32	0.21	654.33	0.32	981
2000/1	750	0.38	0.01	0.04	0.04	205.03	0.05	327.65	0.07	572.9	0.11	864.26
	1000	0.5	0.03	0.05	0.05	197.18	0.07	315.88	0.1	552.3	0.12	831.89
	1500	0.75	0.04	0.07	0.07	186.39	0.1	298.22	0.12	519.93	0.18	781.86
2800/1	750	0.27	0.01	0.03	0.03	176.58	0.04	287.43	0.06	480.69	0.08	746.54
	1000	0.36	0.01	0.04	0.04	170.69	0.05	277.62	0.07	464.01	0.1	719.07
	1500	0.54	0.04	0.05	0.05	161.86	0.07	261.93	0.1	437.52	0.14	676.89

Type : UD-OD-VD

Nominal Ratio	Nominal Input Speed r.p.m.	Nominal Output Speed r.p.m.	Size of unit									
			400		500		600		700		800	
			Input KW	Output Torque Nm	Input KW	Output Torque Nm	Input KW	Output Torque Nm	Input KW	Output Torque Nm	Input KW	Output Torque Nm
150/1	750	5	0.83	972.17	1.53	1805	2.24	2864	3.15	4061	4.29	5709
	1000	6.66	1.07	931.95	1.94	1736	2.76	2737	3.95	3894	5.44	5572
	1500	10	1.42	883.88	2.53	1599	3.65	2531	5.15	3482	7.17	5013
300/1	750	2.5	0.65	1157	1	2001	1.45	3345	2.01	4512	2.83	6779
	1000	3.33	0.82	1108	1.31	1913	1.71	3159	2.39	4238	3.43	6386
	1500	5	1.04	1000	1.77	1717	2.31	2874	3.21	3924	4.55	5758
500/1	750	1.5	0.46	1255	0.74	2236	1.04	3345	1.42	5140	1.64	6210
	1000	2	0.57	1206	0.97	2236	1.24	3345	1.79	4885	2.16	6210
	1500	3	0.74	1128	1.28	2080	1.71	3227	2.39	4512	3.13	6210
1000/1	750	0.75	0.3	1275	0.46	2197	0.65	3453	0.89	5140	1.12	6779
	1000	1	0.36	1236	0.57	2138	0.74	3384	1.12	5140	1.42	6779
	1500	1.5	0.48	1177	0.74	2030	1.06	3335	1.64	5140	2.01	6661
2000/1	750	0.38	0.19	1275	0.33	2246	0.35	3119	0.55	5199	0.74	7112
	1000	0.5	0.24	1236	0.41	2168	0.45	3119	0.67	5199	0.97	7112
	1500	0.75	0.32	1206	0.54	2109	0.61	3119	0.97	5199	1.27	7112
3000/1	750	0.25	0.12	1089	0.24	2374	0.27	2864	0.46	5307	0.59	7455
	1000	0.33	0.15	1089	0.3	2286	0.36	2864	0.56	5307	0.74	7455
	1500	0.5	0.21	1089	0.39	2109	0.48	2864	0.74	5307	1.04	7112

Type : UD-OD-VD

Nominal Ratio	Nominal Input Speed r.p.m.	Nominal Output Speed r.p.m.	Size of unit							
			1000		1200		1400		1700	
			Input KW	Output Torque Nm	Input KW	Output Torque Nm	Input KW	Output Torque Nm	Input KW	Output Torque Nm
150/1	750	5	7.46	10055	10.44	15931	13.43	19659	23.87	38426
	1000	6.66	8.95	1378	12.68	14921	17.16	18874	30.58	36728
	1500	10	11.19	8191	16.41	12998	23.12	17403	41.03	33903
300/1	750	2.5	4.32	10791	5.52	14803	9.7	25427	15.66	42948
	1000	3.33	5.44	10281	6.93	14126	11.93	24074	20.14	41251
	1500	5	7.01	9211	8.95	12939	15.66	21238	26.85	37288
500/1	750	1.5	2.91	11870	3.58	14401	5.15	21474	9.7	40682
	1000	2	3.58	11242	4.69	14401	6.79	21474	12.68	40682
	1500	3	4.85	10055	6.86	14401	9.7	21474	17.9	40682
1000/1	750	0.75	1.64	10173	2.76	19433	3.8	25535	6.12	45773
	1000	1	2.16	10173	3.5	19041	4.55	25535	7.46	45773
	1500	1.5	3.13	10173	4.84	18080	6.64	25535	11.19	45773
2000/1	750	0.38	0.82	11634	1.56	19208	2.24	27124	3.88	50286
	1000	0.5	1.04	11634	2.01	19208	2.83	27124	5.15	50286
	1500	0.75	1.56	11634	2.9	19208	4.1	27124	7.46	50286
3000/1	750	0.25	0.74	11075	1.11	17403	1.56	25761	2.61	46332
	1000	0.33	0.97	11075	1.49	17403	2.01	25761	3.36	46332
	1500	0.5	1.42	11075	2.16	17403	2.91	25761	4.7	46332

Nominal ratios listed are a typical selection of commonly used ratios from the overall range.
 Details of other ratios available on request