

Gear Box Power Ratings



Ratings in the shaded area – check thermal limit!

Gear Unit	Ratio	Power ratings at given input speeds (rev. min ⁻¹)																					
		10		50		100		250		500		750		1000		1500		2000		2500		3000	
		kW	Nm	kW	Nm	kW	Nm	kW	Nm	kW	Nm	kW	Nm	kW	Nm	kW	Nm	kW	Nm	kW	Nm	kW	Nm
Series 35	1:1	0.1	94	0.4	75	0.8	75	1.7	64	3.1	58	4.3	54	5.4	51	7.4	46	8.9	42	8.9	33	10.4	32
	1.5:1	0.04	56	0.2	56	0.4	56	0.7	39	1.4	39	2.1	39	2.6	37	3.7	35	4.7	33	4.7	26	5.6	26
	2:1	0.03	56	0.12	45	0.2	37	0.5	37	0.9	34	1.2	30	1.6	30	2.2	27	2.9	27	2.9	22	3.6	22
	3:1	0.01	28	0.03	17	0.06	17	0.15	17	0.31	17	0.45	17	0.6	17	0.9	17	1.2	17	1.3	15	1.6	15
Series 37	1:1	0.2	187	1.0	187	2.0	187	4.3	161	7.7	144	10.8	135	13.6	127	18.5	115	22.6	106	26.3	98	30.6	95
	1.5:1	0.1	140	0.5	140	0.8	112	1.9	107	3.5	98	5.0	94	6.4	90	9.0	84	11.5	81	14.3	80	17.0	80
	2:1	0.1	187	0.3	112	0.6	112	1.3	97	2.5	94	3.5	87	4.5	84	6.4	80	8.1	76	10.1	76	12.0	75
	3:1	0.03	84	0.11	62	0.2	56	0.5	56	0.8	45	1.2	45	1.5	42	2.1	39	2.8	39	3.5	39	4.2	39
	4:1	0.01	37	0.06	45	0.1	37	0.2	30	0.4	30	0.6	30	0.8	30	1.2	30	1.5	28	1.9	28	2.25	28
Series 38	1:1	0.5	468	2.5	468	5.0	468	11.7	438	21.2	397	29.9	373	38	356	52.6	328	65.1	305	76.6	287		
	1.5:1	0.2	281	0.9	253	1.6	225	3.4	191	6.1	171	8.7	163	11.1	156	15.5	145	19.4	136	23.6	133	27.6	129
	2:1	0.3	562	0.6	225	1.2	225	2.6	195	4.8	180	6.9	172	9.0	168	12.8	160	16.6	155	20.6	154	24.6	153
	3:1	0.1	281	0.3	168	0.5	140	1.2	135	2.2	124	3.1	116	4.0	112	5.7	107	7.5	105	9.4	106	11.2	105
	4:1	0.03	112	0.13	97	0.23	86	0.7	105	0.9	67	1.3	65	1.7	64	2.4	60	3.2	60	4.0	60	4.8	60
Series 39	1:1	1.0	936	5.0	936	9.8	917	22.2	831	38.6	723	52.0	649	62.9	589	77.2	482						
	1.5:1	0.34	477	1.7	477	3.4	477	9.0	505	18.9	531	29.2	547	39.9	560	61.5	576	83.2	584	105	590		
	2:1	0.5	936	2.0	749	3.6	674	7.9	591	14.5	543	20.7	517	26.6	498	38.0	474	49.5	463	62.8	470	76.3	476
	3:1	0.2	562	0.8	449	1.4	393	3.2	359	5.9	331	8.4	314	10.9	306	15.6	292	20.5	288	25.4	285	30.3	284
	4:1	0.1	374	0.4	299	0.7	262	1.74	261	2.9	217	4.2	210	5.4	202	7.7	192	10.2	191	12.7	190	15.3	191
Series 40	1:1	3.3	3088	16.2	3032	31.8	2976	74.3	2781	126	2358	166	2071	194	1816								
	1.5:1	1.9	2667	8.9	2499	16.3	2288	36.4	2044	65.6	1842	90.8	1700	112	1572	145	1357						
	2:1	1.5	2808	6.8	2546	12.5	2340	28	2096	52.0	1947	74.8	1867	96.7	1810	139	1735	181	1694	226	1692		
	3:1	0.7	1965	2.6	1460	4.5	1263	10.3	1157	19.2	1078	27.8	1041	36.1	1014	52.0	973	68.3	959	85.2	957	102	955
	4:1	0.4	1497	1.5	1123	2.8	1048	6.9	1033	11.7	876	16.9	844	21.9	820	31.6	789	42.1	788	52.5	786	62.8	784