

Design of the gear units

Overview tables

Type B3 – Nominal power ratings of gear unit sizes 4 to 12

Technical specifications (continued)

Nominal power ratings P_{2N} (kW) type B3

Gear unit sizes											
i_N	n_1	n_2	4	5	6	7	8	9	10	11	12
12.5	1800	144.0	82	141	–	256	–	422	–	790	–
	1500	120.0	69	118	–	213	–	351	–	658	–
	1200	96.0	55	94	–	170	–	281	–	526	–
	1000	80.0	46	78	–	142	–	234	–	438	–
14	1800	129.0	81	132	–	245	–	398	–	765	–
	1500	107.0	67	109	–	203	–	330	–	635	–
	1200	86.0	54	88	–	163	–	265	–	510	–
	1000	71.0	44	72	–	135	–	219	–	421	–
16	1800	113.0	78	124	141	234	254	366	421	708	784
	1500	94.0	64	103	118	194	211	305	350	589	652
	1200	75.0	51	82	94	155	168	243	279	470	520
	1000	63.0	43	69	79	130	141	204	234	395	437
18	1800	100.0	70	118	131	220	241	354	392	649	727
	1500	83.0	58	98	109	183	200	294	325	538	604
	1200	67.0	47	79	88	148	162	237	263	434	487
	1000	56.0	39	66	73	123	135	198	219	363	407
20	1800	90.0	63	109	124	204	235	336	370	598	685
	1500	75.0	52	91	103	170	196	280	308	498	570
	1200	60.0	42	72	82	136	157	224	246	398	456
	1000	50.0	35	60	69	113	130	186	205	332	380
22.4	1800	80.0	56	97	118	181	221	299	350	531	633
	1500	67.0	47	81	99	152	185	250	293	445	530
	1200	54.0	37	65	80	122	149	201	236	359	427
	1000	45.0	31	54	66	102	124	168	196	299	356
25	1800	72.0	50	87	116	163	205	269	330	478	582
	1500	60.0	42	72	97	136	170	224	275	398	485
	1200	48.0	33	58	77	109	136	179	220	319	388
	1000	40.0	28	48	64	90	113	149	183	265	323
28	1800	64.0	44	77	103	145	182	239	293	425	517
	1500	54.0	37	65	87	122	153	201	247	359	436
	1200	43.0	30	52	69	97	122	160	197	285	347
	1000	36.0	25	43	58	81	102	134	165	239	291
31.5	1800	57.0	39	69	92	129	162	213	261	379	460
	1500	48.0	33	58	77	109	136	179	220	319	388
	1200	38.0	26	46	61	86	108	142	174	252	307
	1000	32.0	22	38	51	72	91	119	146	212	258
35.5	1800	51.0	35	61	82	115	145	190	233	339	412
	1500	42.0	29	51	68	95	119	157	192	279	339
	1200	34.0	23	41	55	77	96	127	155	226	274
	1000	28.0	19	34	45	63	79	104	128	186	226
40	1800	45.0	31	54	73	102	128	168	206	299	363
	1500	38.0	26	46	61	86	108	142	174	252	307
	1200	30.0	21	36	48	68	85	112	137	199	242
	1000	25.0	17	30	40	56	71	93	114	166	202
45	1800	40.0	28	48	64	90	113	149	183	265	323
	1500	33.0	23	40	53	74	93	123	151	219	266
	1200	27.0	18	32	43	61	76	100	123	179	218
	1000	22.0	15	26	35	49	62	82	100	146	177
50	1800	36.0	25	43	58	81	102	134	165	239	291
	1500	30.0	21	36	48	68	85	112	137	199	242
	1200	24.0	16	29	38	54	68	89	110	159	194
	1000	20.0	14	24	32	45	56	74	91	132	161
56	1800	32.0	22	38	51	72	91	119	146	212	258
	1500	27.0	18	32	43	61	76	100	123	179	218
	1200	21.0	14	25	34	47	59	78	96	139	169
	1000	17.9	12	21	29	40	50	66	82	119	144