

IN	n1	n2	Gear unit sizes											
	[min ⁻¹]		125	160	200	250	280	315	355	400	450	500	560	630
	rpm		Nominal Power ratings Pn[kw]											
1.25	1800	1440	253.0	511.5	913.0	1721.5	—	—	—	—	—	—	—	—
	1200	960	176.0	341.0	616.0	1155.0	—	—	—	—	—	—	—	—
	900	720	132.0	258.5	462.0	874.5	—	—	—	—	—	—	—	—
	720	576	121.0	220.0	396.0	671.0	—	—	—	—	—	—	—	—
1.4	1800	1285	253.0	473.0	836.0	1650.0	—	—	—	—	—	—	—	—
	1200	857	170.5	319.0	561.0	1111.0	—	—	—	—	—	—	—	—
	900	642	126.5	242.0	418.0	841.5	—	—	—	—	—	—	—	—
	720	514	115.5	214.5	363.0	638.0	—	—	—	—	—	—	—	—
1.6	1800	1125	236.5	429.0	770.0	1529.0	1925.0	2310.0	3080.0	—	—	—	—	—
	1200	750	165.0	297.0	517.0	1028.5	1331.0	1562.0	2255.0	—	—	—	—	—
	900	562	126.5	225.5	396.0	775.5	1023.0	1177.0	1771.0	—	—	—	—	—
	720	450	110.0	209.0	341.0	627.0	869.0	1056.0	1419.0	—	—	—	—	—
1.8	1800	1000	231.0	401.5	704.5	1397.0	1716.0	2200.0	2926.0	—	—	—	—	—
	1200	666	154.0	280.5	473.0	946.0	1243.0	1496.0	2035.0	—	—	—	—	—
	900	500	115.5	217.8	363.0	715.0	979.0	1133.0	1562.0	—	—	—	—	—
	720	400	107.8	203.5	308.0	583.0	814.0	1012.0	1331.0	—	—	—	—	—
2	1800	900	198.0	379.0	660.0	1254.0	1639.0	2035.0	2783.0	—	—	—	—	—
	1200	600	137.5	258.5	462.0	869.0	1122.0	1386.0	1892.0	—	—	—	—	—
	900	450	110.0	198.0	352.0	671.0	847.0	1056.0	1430.0	2178.0	3113.0	3861.0	—	—
	720	360	97.9	181.5	297.0	550.0	737.0	924.0	1232.0	1826.0	2695.0	3476.0	4576.0	—
2.24	1800	803	181.5	357.5	594.0	1199.0	1430.0	1870.0	2541.0	—	—	—	—	—
	1200	535	126.5	246.4	396.0	825.0	968.0	1276.0	1760.0	—	—	—	—	—
	900	401	99.0	187.0	297.0	627.0	803.0	968.0	1353.0	1969.0	2860.0	3619.0	—	—
	720	321	90.2	170.5	264.0	506.0	715.0	863.5	1144.0	1694.0	2519.0	3201.0	4125.0	—
2.5	1800	720	165.0	330.0	528.0	1111.0	1331.0	1683.0	2376.0	—	—	—	—	—
	1200	480	121.0	225.5	363.0	781.0	935.0	1199.0	1650.0	—	—	—	—	—
	900	360	93.5	170.5	275.0	594.0	726.0	924.0	1265.0	1848.0	2607.0	3454.0	—	—
	720	288	84.7	154.0	253.0	462.0	649.0	803.0	1056.0	1595.0	2288.0	3025.0	3850.0	—
2.8	1800	642	148.5	297.0	495.0	1034.0	1210.0	1551.0	2156.0	—	—	—	—	—
	1200	428	104.5	206.8	335.5	704.0	858.0	1056.0	1485.0	—	—	—	—	—
	900	321	79.2	158.4	253.0	533.5	660.0	814.0	1133.0	1639.0	2442.0	3190.0	—	—
	720	257	68.2	143.0	231.0	440.0	583.0	726.0	957.0	1419.0	2156.0	2838.0	3575.0	—
3.25	1800	571	124.3	275.0	473.0	946.0	1155.0	1452.0	1914.0	2750.0	3894.0	5126.0	—	—
	1200	380	85.8	187.0	308.0	638.0	792.0	990.0	1353.0	1914.0	2838.0	3663.0	—	—
	900	285	66.0	143.0	236.5	484.0	605.0	748.0	1056.0	1474.0	2233.0	2860.0	3784.0	5500.0
	720	228	56.1	126.5	209.0	385.0	561.0	671.0	891.0	1276.0	1969.0	2519.0	3388.0	5005.0
3.55	1800	507	118.8	239.8	429.0	858.0	1034.0	1342.0	1749.0	2508.0	3564.0	4543.0	—	—
	1200	338	81.4	167.2	291.5	583.0	715.0	913.0	1243.0	1782.0	2607.0	3300.0	—	—
	900	253	61.6	128.7	220.0	440.0	550.0	693.0	968.0	1386.0	2057.0	2607.0	3696.0	4840.0
	720	202	52.8	110.0	198.0	352.0	484.0	605.0	825.0	1232.0	1837.0	2288.0	3300.0	4565.0
4	1800	450	99.0	209.0	396.0	814.0	990.0	1232.0	1584.0	2299.0	3256.0	4136.0	—	—
	1200	300	68.2	143.0	280.5	539.0	682.0	836.0	1133.0	1628.0	2365.0	2959.0	—	—
	900	225	51.7	110.0	209.0	407.0	517.0	638.0	880.0	1265.0	1848.0	2310.0	3619.0	4730.0
	720	180	44.0	91.3	187.0	319.0	462.0	561.0	759.0	1100.0	1650.0	2068.0	3201.0	4268.0
4.5	1800	400	72.6	181.5	352.0	704.0	924.0	1188.0	1397.0	2068.0	2805.0	3520.0	—	—
	1200	266	50.6	125.4	242.0	473.0	649.0	792.0	1034.0	1386.0	1958.0	2629.0	—	—
	900	200	38.5	95.7	181.5	363.0	495.0	605.0	825.0	1056.0	1518.0	2090.0	3278.0	—
	720	160	31.9	91.3	165.0	286.0	440.0	517.0	704.0	880.0	1287.0	1782.0	2750.0	3905.0
5	1800	360	64.9	162.8	291.5	594.0	781.0	1045.0	1320.0	1870.0	2684.0	3344.0	5082.0	—
	1200	240	45.1	112.2	192.5	418.0	539.0	715.0	924.0	1309.0	1892.0	2442.0	3520.0	5610.0
	900	180	34.7	84.7	143.0	319.0	418.0	550.0	715.0	1012.0	1474.0	1936.0	2695.0	4730.0
	720	144	29.2	71.5	121.0	242.0	352.0	462.0	627.0	825.0	1232.0	1595.0	2376.0	3663.0
5.6	1800	321	56.1	137.5	258.5	528.0	649.0	946.0	1133.0	1650.0	2277.0	3080.0	4400.0	6710.0
	1200	214	38.5	93.5	176.0	352.0	462.0	638.0	825.0	1155.0	1551.0	2068.0	3003.0	5005.0
	900	160	29.7	71.5	137.5	264.0	363.0	484.0	649.0	880.0	1177.0	1551.0	2266.0	4345.0
	720	128	25.3	60.5	115.5	198.0	297.0	396.0	550.0	737.0	957.0	1276.0	1925.0	3410.0
6.3	1800	285	52.8	108.9	209.0	429.0	572.0	781.0	1012.0	1386.0	2068.0	2442.0	3553.0	6347.0
	1200	190	36.3	75.9	143.0	286.0	407.0	517.0	748.0	946.0	1397.0	1650.0	2431.0	4510.0
	900	142	28.6	58.3	108.9	220.0	319.0	396.0	594.0	726.0	1056.0	1265.0	2013.0	4026.0
	720	114	24.2	49.5	96.8	165.0	264.0	319.0	462.0	594.0	869.0	1056.0	1507.0	3124.0

Transmission ratios IN Speeds n1 and n2 Nominal power ratings Pn

Thermal Capacities													
	n1 [min] ⁻¹	Gear unit sizes											
		125	160	200	250	280	315	355	400	450	500	560	630
		Nominal Power ratings Pn[kw]											
Without cooling	720-1800	34.1	48.4	68.2	99.0	118.8	140.8	178.2	217.8	286.0	341.0	418.0	572.0

iN	n1	n2	Gear unit sizes														
	[min ⁻¹]		240	272	305	340	385	430	480	540	605	680	765	855	960	1080	1210
	rpm		Nominal Power ratings Pn[kw]														
6.3	1800	285.7	77.0	115.5	165.0	245.3	319.0	462.0	616.0	85.8	1155.0	1540.0	2134.0	3630.0	4950.0	6820.0	8910.0
	1200	190.4	53.9	79.2	110.0	170.5	226.6	319.0	429.0	605.0	836.0	1155.0	1540.0	2530.0	3410.0	4840.0	6820.0
	900	142.8	42.9	59.4	93.5	123.2	176.0	242.0	330.0	462.0	660.0	913.0	1210.0	1980.0	2750.0	3740.0	5170.0
	720	114.2	34.1	47.3	74.8	102.3	147.4	209.0	275.0	385.0	550.0	781.0	1001.0	1650.0	2255.0	3102.0	4290.0
7.1	1800	253.5	69.3	103.4	159.5	220.0	319.0	418.0	550.0	759.0	1100.0	1320.0	1870.0	3300.0	4620.0	5940.0	7810.0
	1200	169	48.4	70.4	110.0	148.5	209.0	291.5	385.0	517.0	781.0	1967.0	1320.0	2310.0	3245.0	4235.0	6160.0
	900	126.7	38.5	53.9	84.7	112.2	165.0	220.0	297.0	396.0	594.0	836.0	1034.0	1760.0	2530.0	3300.0	4840.0
	720	101.4	30.8	42.9	69.3	97.9	140.8	187.0	242.0	330.0	484.0	671.0	858.0	1485.0	2090.0	2695.0	3960.0
8	1800	225	64.9	93.5	148.5	203.5	269.5	363.0	495.0	693.0	979.0	1210.0	1650.0	2860.0	3960.0	5280.0	6930.0
	1200	150	44.0	67.1	99.0	137.5	187.0	264.0	352.0	484.0	693.0	935.0	1100.0	1980.0	2805.0	3740.0	5390.0
	900	112.5	34.1	49.5	75.9	103.4	145.2	209.0	264.0	374.0	528.0	726.0	902.0	1540.0	220.0	2915.0	4180.0
	720	90	28.6	39.6	62.7	86.9	112.2	165.0	220.0	308.0	429.0	594.0	748.0	1265.0	1760.0	2365.0	3410.0
9	1800	200	59.4	85.8	137.5	176.0	253.0	346.5	451.0	660.0	924.0	1155.0	1595.0	2750.0	3850.0	5060.0	6600.0
	1200	133.3	41.8	61.6	91.3	126.5	181.5	242.0	319.0	462.0	638.0	880.0	1078.0	1870.0	2695.0	3630.0	5170.0
	900	100	33.0	47.3	70.4	94.6	137.5	187.0	253.0	363.0	506.0	693.0	880.0	1430.0	2090.0	2860.0	3960.0
	720	80	26.4	36.3	58.3	74.8	106.7	148.5	203.5	297.0	407.0	572.0	715.0	1155.0	1650.0	2200.0	3300.0
10	1800	180	51.7	77.0	115.5	162.8	220.0	319.0	396.0	572.0	814.0	1100.0	1485.0	2420.0	3300.0	4620.0	5940.0
	1200	120	36.3	53.9	77.0	110.0	159.0	209.0	275.0	407.0	572.0	803.0	1045.0	1650.0	2365.0	3344.0	4620.0
	900	90	28.6	42.9	59.4	85.8	118.8	165.0	214.5	319.0	451.0	627.0	825.0	1320.0	1815.0	2640.0	3630.0
	720	72	23.1	31.9	49.5	70.4	96.8	137.5	181.5	253.0	363.0	517.0	671.0	1078.0	1430.0	2090.0	2970.0
11.2	1800	160.7	46.2	68.2	105.6	138.6	192.5	286.0	363.0	517.0	737.0	979.0	1265.0	2090.0	2860.0	4015.0	5060.0
	1200	107.1	31.9	48.4	72.6	99.0	135.3	187.0	253.0	363.0	528.0	704.0	880.0	1430.0	2035.0	2805.0	4070.0
	900	80.3	25.3	37.4	56.1	77.0	106.7	148.5	198.0	286.0	396.0	550.0	704.0	1155.0	1595.0	2200.0	3190.0
	720	64.2	20.7	28.6	45.1	62.7	85.8	121.0	165.0	231.0	319.0	440.0	572.0	935.0	1265.0	1804.0	2585.0
12.5	1800	144	40.7	60.5	90.2	121.0	168.3	242.0	319.0	473.0	638.0	891.0	1100.0	1870.0	2530.0	3410.0	4510.0
	1200	96	28.6	41.8	59.4	84.7	119.9	170.5	220.0	319.0	451.0	627.0	770.0	1320.0	1815.0	2365.0	3520.0
	900	72	22.0	33.0	45.1	64.9	94.6	132.0	176.0	253.0	356.5	484.0	627.0	1001.0	1430.0	1870.0	2750.0
	720	57.6	18.0	25.3	38.5	53.9	74.8	110.0	143.0	203.5	275.0	396.0	506.0	825.0	1155.0	1540.0	2255.0
14	1800	128.5	36.3	55.0	81.4	110.0	165.0	220.0	297.0	440.0	583.0	792.0	1089.0	1760.0	2420.0	3300.0	4400.0
	1200	85.7	25.3	37.4	53.9	76.9	115.5	154.0	203.5	297.0	418.0	572.0	748.0	1210.0	1540.0	2255.0	3300.0
	900	64.2	20.2	29.7	40.7	59.4	86.9	121.0	159.5	220.0	330.0	440.0	605.0	935.0	1320.0	1760.0	2530.0
	720	51.5	16.3	20.9	34.1	48.4	72.6	99.0	132.0	187.0	253.0	363.0	484.0	770.0	1067.0	1430.0	2090.0
16	1800	112.5	30.3	46.2	72.6	95.7	143.0	192.5	264.0	374.0	506.0	704.0	946.0	1540.0	2090.0	2915.0	4180.0
	1200	75	21.5	33.0	48.4	68.2	101.2	132.0	187.0	242.0	363.0	506.0	660.0	1100.0	1485.0	2135.0	2970.0
	900	56.2	16.9	26.4	36.3	53.9	75.9	104.5	143.0	198.0	286.0	396.0	517.0	825.0	1100.0	1540.0	2310.0
	720	45	13.6	19.8	28.6	42.9	53.8	85.8	110.0	159.5	231.0	319.0	418.0	682.0	935.0	1265.0	1870.0
18	1800	100	28.6	45.1	66.0	91.3	126.5	176.0	242.0	341.0	462.0	638.0	880.0	1320.0	1870.0	2585.0	3740.0
	1200	66.6	19.8	30.8	44.0	61.6	88.0	115.5	165.0	231.0	330.0	451.0	616.0	935.0	1320.0	1793.0	2640.0
	900	50	15.6	24.2	33.0	48.4	66.0	88.0	126.5	181.5	253.0	352.0	484.0	715.0	1034.0	1375.0	1980.0
	720	40	12.8	17.3	27.3	38.5	55.0	73.7	99.0	154.0	203.5	297.0	396.0	583.0	836.0	1100.0	1650.0
20	1800	90	24.2	42.9	61.6	77.0	115.5	159.5	220.0	286.0	418.0	572.0	770.0	1210.0	1650.0	2420.0	3080.0
	1200	60	17.8	29.2	40.7	55.0	81.4	104.5	154.0	203.5	291.5	396.0	528.0	825.0	1155.0	1650.0	2200.0
	900	45	14.0	23.1	30.8	40.7	61.6	82.5	115.5	159.5	220.0	319.0	418.0	638.0	924.0	1265.0	1760.0
	720	36	11.0	16.1	25.3	33.0	50.6	68.2	93.5	121.0	187.0	264.0	352.0	528.0	748.0	1045.0	1430.0

Transmission ratios iN Speeds n1 and n2 Nominal power ratings Pn

Thermal Capacities		Gear unit sizes														
	n1	240	272	305	340	385	430	480	540	605	680	765	855	960	1080	1210
	[min ⁻¹]	Nominal Power ratings Pn[kw]														
Without cooling	720-1800	40.7	55.0	68.2	88.0	110.0	137.5	176.0	220.0	286.0	374.0	473.0	594.0	759.0	990.0	1265.0



NT-PTH Allowable Transmission Power

IN	n1	n2	Gear unit sizes													
	[min ⁻¹]		400	440	497	555	620	700	785	880	990	1105	1240	1395	1565	1760
	rpm		Nominal Power ratings Pn[kw]													
22.4	1800	80.3	58.3	68.2	99.0	148.5	203.5	302.5	407.0	534.6	792.0	1188.0	1562.0	2090.0	3080.0	4136.0
	1200	53.5	38.5	51.7	69.3	101.2	143.0	198.0	297.0	396.0	522.5	836.0	1144.0	1507.0	2244.0	3135.0
	900	40.1	29.7	40.7	55.0	78.1	106.7	156.2	220.0	297.0	423.5	638.0	847.0	1111.0	1584.0	2222.0
	720	32.1	24.2	33.0	45.1	66.0	85.8	123.2	192.5	247.5	357.5	539.0	715.0	935.0	1342.0	1936.0
25	1800	72	51.7	60.5	88.0	126.5	176.0	269.5	366.3	478.5	804.0	1045.0	1419.0	1903.0	2739.0	3850.0
	1200	48	33.0	42.9	61.6	88.0	121.0	176.0	280.5	352.0	462.0	748.0	1034.0	1342.0	1969.0	1860.0
	900	36	25.3	34.1	48.4	68.2	90.2	135.3	209.0	264.0	374.0	583.0	803.0	1034.0	1474.0	2145.0
	720	28.8	21.5	27.0	38.5	56.1	74.8	110.0	176.0	214.5	313.5	484.0	538.0	858.0	1188.0	1738.0
28	1800	64	47.3	55.0	79.2	121.0	159.5	247.5	326.7	425.7	621.5	902.0	1232.0	1661.0	2398.0	3465.0
	1200	42	30.8	39.6	55.0	80.3	110.0	158.5	239.8	297.0	423.5	627.0	907.5	1166.0	1782.0	2618.0
	900	32	23.1	30.8	42.9	62.7	82.5	123.2	187.0	231.0	330.0	489.5	693.0	880.0	1287.0	1881.0
	720	25	19.8	24.2	34.1	51.7	67.1	101.2	143.0	187.0	236.5	363.0	506.0	660.0	946.0	1386.0
31.5	1800	57	41.8	47.3	69.3	104.5	143.0	220.0	291.5	396.0	561.0	830.5	1133.0	1518.0	2167.0	3179.0
	1200	38	27.5	34.1	48.4	69.3	96.8	148.5	209.0	286.0	374.0	583.0	825.0	1122.0	1529.0	2200.0
	900	28	20.9	26.4	37.4	53.9	72.6	111.1	165.0	225.5	286.0	440.0	627.0	847.0	1177.0	1705.0
	720	22	17.6	22.0	30.8	45.1	57.2	88.0	132.0	181.5	236.5	363.0	506.0	660.0	946.0	1386.0
35.5	1800	50	37.4	45.1	61.6	96.8	132.0	198.0	275.0	357.5	511.5	770.0	1045.0	1375.0	2068.0	2970.0
	1200	33	24.8	30.8	42.9	64.9	90.2	132.0	187.0	247.5	346.5	539.0	759.0	1012.0	1419.0	2013.0
	900	28	18.7	30.8	33.0	50.6	67.1	99.0	154.0	198.0	269.0	401.5	561.0	737.0	1067.0	1518.0
	720	22	15.4	19.8	27.5	40.7	53.9	79.2	126.5	157.5	220.0	330.0	451.0	594.0	869.0	1221.0
40	1800	45	33.0	41.8	56.1	86.9	121.0	176.0	236.5	319.0	462.0	693.0	935.0	1232.0	1848.0	2618.0
	1200	30	22.0	28.6	39.6	58.3	80.3	115.5	165.0	220.0	308.0	484.0	671.0	902.0	1243.0	1782.0
	900	22	17.1	22.0	29.7	45.1	59.4	90.2	137.5	176.0	242.0	357.5	506.0	660.0	957.0	1364.0
	720	18	13.8	19.3	24.2	37.4	48.4	71.5	110.0	143.0	198.0	297.0	407.0	533.5	792.0	1100.0
45	1800	40	28.6	35.2	49.5	77.0	107.8	159.5	220.0	280.5	390.5	583.0	836.0	1089.0	1661.0	2332.0
	1200	26	19.3	25.3	34.1	51.7	71.5	101.2	154.0	198.0	275.0	407.0	616.0	803.0	1188.0	1738.0
	900	20	14.3	20.4	26.4	40.7	52.8	79.2	123.2	156.2	214.5	313.5	451.0	583.0	880.0	1221.0
	720	16	12.1	16.0	22.0	33.0	44.0	66.0	101.2	126.5	176.0	264.0	368.5	484.0	704.0	990.0
50	1800	36	25.3	30.8	45.1	69.3	95.7	143.0	198.0	247.5	363.0	550.0	704.0	957.0	1474.0	2134.0
	1200	24	17.6	22.0	31.9	47.3	66.0	91.3	137.5	176.0	242.0	363.0	506.0	682.0	1012.0	1452.0
	900	18	13.2	17.6	24.2	37.4	49.5	71.5	110.0	137.5	187.0	280.5	379.5	517.0	770.0	1111.0
	720	14.4	11.0	13.8	19.8	29.7	38.5	57.2	88.0	113.3	154.0	231.0	319.0	423.5	627.0	902.0
56	1800	32	22.0	26.4	39.6	61.6	85.8	126.5	173.8	220.0	313.5	495.0	660.0	869.0	1331.0	1848.0
	1200	21	15.4	19.8	27.5	41.8	58.3	82.5	121.0	154.0	209.0	341.0	484.0	627.0	880.0	1276.0
	900	16	11.6	15.4	20.9	33.0	42.9	63.8	99.0	123.2	165.0	258.5	363.0	473.0	693.0	990.0
	720	12.8	9.4	12.7	17.6	26.4	35.2	51.7	80.3	101.2	132.0	209.0	291.5	390.5	561.0	781.0
63	1800	28	19.8	23.1	34.1	49.5	69.3	115.5	148.5	209.0	286.0	434.5	594.0	770.0	1188.0	1661.0
	1200	19	13.2	16.5	25.3	35.2	47.3	77.0	104.5	137.5	192.5	308.0	445.5	57.2	825.0	1210.0
	900	14.2	9.0	13.2	18.7	26.4	35.2	57.2	88.0	110.0	148.5	231.0	330.0	418.0	616.0	847.0
	720	11.4	7.9	10.5	15.4	22.0	28.6	46.2	68.2	93.5	121.0	187.0	269.5	346.5	495.0	704.0
71	1800	25	17.6	20.4	29.7	44.0	62.7	100.1	134.2	178.2	247.5	396.0	528.0	704.0	1045.0	1474.0
	1200	16.9	11.0	14.9	22.0	30.8	42.9	67.1	96.8	125.4	165.0	275.0	396.0	517.0	726.0	1067.0
	900	12.6	8.3	11.6	17.6	23.1	31.9	49.5	77.0	99.0	126.5	203.5	330.0	418.0	616.0	847.0
	720	10.1	6.8	9.4	13.8	19.8	25.3	39.6	61.6	82.5	104.5	165.0	231.0	308.0	440.0	616.0
80	1800	22	15.4	18.7	27.5	39.6	57.2	90.2	121.0	170.5	225.5	346.5	462.0	616.0	913.0	1474.0
	1200	15	10.5	13.2	19.8	28.6	38.5	57.2	85.8	110.0	154.0	242.0	352.0	462.0	660.0	957.0
	900	11.2	7.7	10.5	15.4	20.9	28.6	45.1	68.2	88.0	115.5	181.5	253.0	341.0	473.0	693.0
	720	9	6.4	8.6	12.1	17.6	23.1	36.3	55.0	72.6	93.5	148.5	209.0	275.0	396.0	550.0
90	1800	20	13.2	16.5	25.3	36.3	51.7	82.5	110.0	143.0	203.5	313.5	440.0	572.0	836.0	1188.0
	1200	13.5	9.4	12.1	17.6	26.4	34.1	51.7	77.0	101.2	137.5	209.0	308.0	401.5	566.5	803.0
	900	10	6.6	9.7	13.8	18.7	25.3	40.7	60.5	79.2	104.5	165.0	231.0	308.0	429.0	605.0
	720	8	5.8	7.7	11.6	16.0	20.9	33.0	49.5	63.8	82.5	132.0	247.5	341.0	495.0	

Transmission ratios IN Speeds n1 and n2 Nominal power ratings Pn

Thermal Capacities		Gear unit sizes													
	n1 [min ⁻¹]	400	440	497	555	620	700	785	880	990	1105	1240	1395	1565	1760
	Nominal Power ratings Pn[kw]														
Without cooling	720-1800	51.7	63.8	82.5	103.4	132.0	165.0	209.0	275.0	352.0	440.0	550.0	682.0	836.0	1056.0

IN	n1	n2	Gear unit sizes										
	[min ⁻¹]		440	497	555	620	700	785	880	990	1105	1240	1395
	rpm		Nominal Power ratings Pn[kw]										
100	1800	18	16.5	23.1	35.2	46.2	68.2	99.0	132.0	187.0	283.8	396.0	550.0
	1200	12	11.0	15.4	25.3	30.8	45.1	69.3	90.2	132.0	192.5	275.0	379.5
	900	9	8.8	12.3	18.2	24.2	35.2	55.0	71.5	88.0	151.8	217.8	297.0
	720	7.2	6.8	10.1	15.4	19.8	27.9	44.0	58.3	79.2	121.0	180.4	237.6
112	1800	16	14.9	20.9	31.9	41.8	61.6	88.0	115.5	165.0	253.0	374.0	495.0
	1200	10.7	10.1	14.3	22.0	28.6	41.8	61.6	81.4	121.0	176.0	247.5	335.5
	900	8	7.8	11.0	17.1	22.0	33.0	48.4	63.8	90.2	134.2	198.0	264.0
	720	6.4	5.9	8.8	14.1	18.2	25.9	39.6	51.7	68.2	104.5	162.8	215.6
125	1800	14.4	12.1	18.7	28.6	37.4	53.9	80.3	104.5	148.5	231.0	330.0	440.0
	1200	9.6	8.0	12.7	19.8	25.3	37.4	56.1	73.7	104.5	161.7	220.0	302.5
	900	7.2	6.6	10.2	14.9	19.8	28.6	45.1	58.3	82.5	125.4	176.0	234.3
	720	5.7	6.3	8.1	12.4	16.2	23.9	36.3	47.3	66.0	101.2	145.2	189.2
140	1800	12.8	12.1	17.6	25.3	35.2	50.6	71.5	93.5	134.2	203.5	297.0	396.0
	1200	8.5	7.6	11.6	18.7	23.7	34.1	49.5	63.8	93.5	143.0	203.5	269.5
	900	6.4	5.9	9.0	13.8	17.6	26.4	39.6	50.6	71.5	110.0	160.6	209.0
	720	5.1	4.8	7.4	11.2	14.5	20.9	31.9	40.7	59.4	92.4	127.6	167.2
160	1800	11.2	10.6	16.0	22.0	30.8	45.1	63.8	82.5	121.0	181.5	264.0	363.0
	1200	7.5	6.7	10.1	16.0	19.8	30.3	45.1	57.2	82.5	125.4	176.0	242.0
	900	5.6	5.3	7.9	12.1	15.4	23.1	35.2	45.1	66.0	99.0	139.7	184.8
	720	4.5	4.2	6.6	9.4	12.7	28.9	28.6	36.3	52.8	79.2	115.5	149.6
180	1800	10	9.2	14.3	20.9	27.5	40.7	57.2	71.5	104.5	159.5	236.5	319.0
	1200	6.6	5.8	9.1	14.9	18.7	27.5	39.6	49.5	72.5	110.0	159.5	209.0
	900	5	4.6	7.2	11.0	14.3	20.9	31.9	39.6	56.1	83.6	123.2	165.0
	720	4	3.6	5.7	8.9	11.8	16.7	26.4	30.8	46.2	71.5	101.2	136.4
200	1800	9	8.3	13.2	17.1	24.2	36.3	51.7	66.0	93.5	145.2	214.5	28.6
	1200	6	5.2	8.4	13.0	16.0	24.2	35.2	45.1	66.0	101.2	143.0	192.5
	900	4.5	4.1	6.6	9.0	12.1	18.7	28.6	35.2	49.5	78.1	110.0	148.5
	720	3.6	3.3	5.3	7.5	10.5	15.4	23.1	28.6	41.8	63.8	93.5	121.0
224	1800	8	7.4	11.6	15.4	22.0	31.9	46.2	60.5	82.5	128.7	187.0	242.0
	1200	5.3	4.6	7.3	11.6	14.9	22.0	31.9	39.6	57.2	90.2	126.5	176.0
	900	4	3.6	5.7	8.3	11.0	16.5	25.3	31.9	44.0	69.3	102.3	132.0
	720	3.2	3.0	4.6	6.6	9.5	13.5	20.4	25.3	35.2	57.2	81.4	104.5
250	1800	7.2	6.7	10.5	13.9	19.3	28.6	41.8	55.0	71.5	115.5	165.0	220.0
	1200	4.8	4.3	6.6	10.5	13.2	19.3	28.6	36.3	50.6	80.3	115.5	151.8
	900	3.6	3.3	5.2	7.3	9.9	14.3	23.1	28.6	38.5	61.6	90.2	118.8
	720	2.8	2.6	4.2	6.1	8.1	11.8	18.2	23.1	30.8	49.5	71.5	95.7
280	1800	6.4	5.8	9.0	12.3	17.1	25.3	37.4	48.4	66.0	99.0	148.5	198.0
	1200	4.2	3.6	5.8	8.8	11.6	17.1	25.9	33.0	46.2	70.4	101.2	135.3
	900	3.2	2.8	4.5	6.4	8.8	13.2	19.8	25.3	35.2	55.0	79.2	105.6
	720	2.5	2.3	3.6	5.3	7.3	10.8	16.5	20.4	28.6	44.0	61.6	81.4
315	1800	5.7	5.2	8.3	11.0	15.4	23.7	33.0	44.0	60.5	93.5	132.0	176.0
	1200	3.8	3.2	5.3	8.3	10.5	16.5	22.6	29.7	40.7	63.8	90.2	121.0
	900	2.8	2.4	4.1	5.7	7.4	11.6	17.8	23.1	31.9	49.5	71.5	93.5
	720	2.2	2.0	3.3	4.7	6.3	9.5	14.9	18.7	25.3	39.6	56.1	74.8
355	1800	5	4.4	7.2	9.9	14.3	22.0	29.7	39.6	51.7	82.5	115.5	156.2
	1200	3.3	2.8	4.7	7.2	9.9	14.3	20.4	26.4	36.3	57.2	80.3	107.8
	900	2.5	2.1	3.6	5.3	7.0	10.5	16.0	20.4	28.6	44.0	61.6	85.8
	720	2	1.7	2.9	4.3	6.1	9.0	13.2	16.5	22.6	35.8	49.5	66.0
400	1800	4.5	4.0	6.6	8.8	12.7	18.7	27.5	36.3	46.2	71.5	101.2	143.0
	1200	3	2.4	4.2	6.8	8.3	13.2	18.7	23.1	31.9	50.6	71.5	94.6
	900	2.2	1.9	3.2	4.6	6.3	9.4	14.5	18.7	25.3	39.6	55.0	73.7
	720	1.8	1.5	2.6	3.7	5.3	7.7	12.1	14.9	19.8	31.9	44.0	59.4
450	1800	4	3.5	5.5	7.7	11.6	15.4	23.1	30.8	39.6	63.8	93.5	126.5
	1200	2.6	3.4	3.6	5.5	7.3	10.5	15.4	20.9	27.5	46.2	63.8	72.6
	900	2	1.7	2.9	4.2	5.5	8.3	12.1	16.3	22.0	36.3	50.6	68.2
	720	1.6	1.3	2.2	3.3	4.7	6.6	9.9	13.0	17.1	28.1	39.6	52.8

Transmission ratios IN Speeds n1 and n2 Nominal power ratings Pn

Thermal Capacities													
	n1 [min ⁻¹]	Gear unit sizes											
		440	497	555	620	700	785	880	990	1105	1240	1395	
		Nominal Power ratings Pn[kw]											
Without cooling	720-1800	35.2	45.1	57.2	72.6	95.7	121.0	154.0	192.5	220.0	308.0	385.0	

iN	n1	n2	Gear unit sizes														
	[min ⁻¹]		240	272	305	340	385	430	480	540	605	680	765	855	960	1080	1210
	rpm		Nominal Power ratings Pn[kw]														
6.3	1800	285.7	50	72	105	157	194	295	390	550	770	1040	1360	2200	3100	4300	5800
	1200	190.4	35	50	72	102	144	204	270	360	540	780	960	1550	2180	2900	4280
	900	142.8	27	40	59	79	111	162	270	280	420	600	740	1180	1680	2350	3350
	720	114.2	21	31	48	62	90	135	160	250	335	490	610	960	1370	1950	2780
7.1	1800	253.5	45	66	98	134	194	260	340	480	680	960	1170	2000	2850	3800	5200
	1200	169	31	45	68	91	135	180	240	330	480	660	820	1350	1930	2650	3870
	900	126.7	25	35	52	72	105	135	180	255	370	510	630	1060	1500	2100	2950
	720	101.4	19	28	42	60	84	115	155	210	300	420	520	880	1230	1630	2460
8	1800	225	41	59	88	120	168	230	310	435	600	920	1020	1800	2380	3300	4580
	1200	150	28	42	61	84	116	168	225	310	420	600	720	1230	1780	2350	3350
	900	112.5	22	31	46	66	88	132	165	240	330	450	550	950	1300	1850	2620
	720	90	18	25	38	51	73	108	136	195	270	370	450	780	1070	1450	2180
9	1800	200	38	56	81	111	160	210	300	430	570	780	1000	1650	2330	3200	4480
	1200	133.3	26	38	58	78	111	148	210	300	420	570	700	1180	1680	2280	3250
	900	100	20	30	43	60	86	115	163	225	320	430	540	890	1260	1780	2480
	720	80	17	24	34	48	69	96	132	190	260	370	440	720	1020	1400	2050
10	1800	180	33	50	73	102	144	190	260	375	520	750	930	1470	2000	2870	4020
	1200	120	24	34	46	70	98	132	180	260	370	520	640	1030	1400	2080	2880
	900	90	18	26	36	54	75	102	140	200	280	400	500	800	1100	1580	2270
	720	72	14	21	30	44	61	87	120	160	230	320	410	650	900	1280	1870
11.2	1800	160.7	30	44	62	90	126	180	240	345	450	640	780	1300	1780	2480	3470
	1200	107.1	20	31	44	63	87	120	168	240	320	450	550	800	1200	1680	2250
	900	80.3	15	24	34	49	68	92	132	185	250	340	420	680	950	1380	1980
	720	64.2	13.2	19	27	40	55	72	105	150	200	280	340	560	770	1070	1580
12.5	1800	144	26	40	52	72	111	150	210	300	390	580	690	1150	1580	2050	3000
	1200	96	18	27	36	51	78	108	144	200	270	400	490	780	1100	1500	2230
	900	72	14.4	20	27	40	60	86	114	162	210	300	380	590	850	1100	1700
	720	57.6	10.8	17	23	32	49	69	92	126	174	240	310	480	680	910	1440
14	1800	128.5	24	35	48	68	100	134	186	260	380	520	670	1080	1460	1970	2900
	1200	85.7	16.6	23	32	49	70	98	132	180	260	360	470	750	1000	1370	2080
	900	64.2	12	18	25	38	55	75	102	140	200	270	370	580	770	1050	1580
	720	51.5	10.4	14.4	20	30	43	62	84	115	160	230	300	490	630	860	1280
16	1800	112.5	20	30	43	63	87	120	162	230	330	460	570	980	1300	1750	2680
	1200	75	13.8	21	30	44	62	87	120	162	230	320	400	680	880	1200	1800
	900	56.2	10.8	17	23	34	48	68	92	126	176	250	310	490	680	930	1400
	720	45	8.7	13.2	18	27	38	55	72	102	144	200	250	420	550	780	1180
18	1800	100	18	28	38	56	78	102	150	222	300	420	560	850	1160	1560	2350
	1200	66.6	12.7	18	26	39	54	72	102	156	210	280	390	580	800	1070	1580
	900	50	10	14	20	30	42	54	81	120	162	220	300	450	610	820	1200
	720	40	8.2	12	17	24	34	46	64	96	126	180	240	360	500	680	985
20	1800	90	15.6	26	36	50	72	94	138	193	275	360	480	770	1030	1450	1870
	1200	60	11.5	18	25	34	50	67	98	135	190	260	360	520	710	1000	1390
	900	45	8.8	13.2	19	26	38	51	75	105	144	200	270	400	550	780	1080
	720	36	7	10.8	15	21	32	43	62	87	114	160	220	320	450	640	880

Transmission ratios iN Speeds n1 and n2 Nominal power ratings Pn

Thermal Capacities		Gear unit sizes														
	n1	240	272	305	340	385	430	480	540	605	680	765	855	960	1080	1210
	[min ⁻¹]	Nominal Power ratings Pn[kw]														
Without cooling	720-1800	37	50	62	80	100	125	160	200	260	340	430	540	690	900	1150

IN	n1	n2	Gear unit sizes													
	[min ⁻¹]		400	440	497	555	620	700	785	880	990	1105	1240	1395	1565	1760
	rpm		Nominal Power ratings Pn[kw]													
22.4	1800	80.3	33	45	63	88	120	180	246	342	480	760	1000	1300	1900	2600
	1200	53.5	24	33	44	62	84	126	168	240	315	530	730	950	1400	2000
	900	40.1	18	25	33	48	63	95	130	180	240	400	540	700	1000	1420
	720	32.1	15	21	27	38	52	78	114	150	198	340	450	580	840	1240
25	1800	72	30	39	56	75	102	158	222	306	430	660	910	1200	1680	2450
	1200	48	21	28	39	54	72	112	158	216	275	470	660	850	1190	1800
	900	36	16	21	30	40	55	84	120	162	210	370	510	660	890	1360
	720	28.8	13	7.4	24	33	45	69	105	132	184	310	400	540	730	1100
28	1800	64.2	26	36	49	69	93	144	198	270	360	570	780	1060	1480	2200
	1200	42.0	19	26	35	49	66	100	144	190	252	400	580	740	1000	1650
	900	32.1	14	20	26	37	50	76	106	144	192	310	440	540	760	1200
	720	25.7	12	15.6	22	31	40	63	86	120	156	255	350	440	630	980
31.5	1800	57.1	24	31	43	60	84	126	174	246	320	530	720	960	1390	2000
	1200	38	17	22	30	42	58	91	125	174	228	360	520	710	960	1400
	900	28.5	12.5	17	23	32	44	70	96	132	168	275	400	530	750	1050
	720	22.8	10.2	14	19	26	37	56	79	108	138	230	320	420	600	830
35.5	1800	50.7	21	29	40	56	78	114	168	222	290	490	660	870	1250	1850
	1200	33.8	15	20	27	39	55	80	115	156	200	340	485	640	880	1250
	900	25.3	11.5	15.6	20	30	42	60	86	120	155	250	350	460	640	960
	720	20.2	9.5	12.6	17	24	34	50	74	98	126	204	280	380	530	730
40	1800	45	19	26	33	50	68	102	144	192	270	440	580	780	1150	1500
	1200	30	13	19.2	24	36	48	72	102	138	190	310	420	560	780	1070
	900	22.5	10.2	14.4	18	27	36	55	78	105	144	225	320	420	610	850
	720	18	8.4	12	15	22	30	44	66	86	117	180	260	330	500	700
45	1800	40	16.2	24	30	44	60	92	132	168	240	360	530	680	1000	1400
	1200	26.6	11.4	16.8	21	31	42	65	94	120	168	250	360	500	720	950
	900	20	9	12.6	15.5	24	31	48	72	90	126	190	280	360	530	720
	720	16	7.2	10.2	13.2	19	26	40	60	75	100	155	220	300	440	630
50	1800	36	15	20	27	40	54	82	120	150	210	340	440	600	880	1320
	1200	24	10.8	14.4	19.2	28	38	58	84	108	144	225	310	430	590	92
	900	18	8.4	11	14.4	21	29	43	65	82	108	180	240	330	450	710
	720	14.4	6.7	9	12	18	24	36	52	67	90	142	200	270	370	570
56	1800	32.1	12.6	18	25	36	48	74	102	132	180	310	410	540	830	1170
	1200	21.4	9	12.6	17.4	25	34	52	74	96	126	210	300	390	560	800
	900	16	6.8	9.6	13.2	19.2	25	40	57	72	96	155	220	290	440	620
	720	12.8	5.6	7.8	10.8	15.5	20	32	48	60	78	125	170	240	350	500
63	1800	28.5	10.2	15.6	22	28	40	66	90	126	168	270	370	470	760	1060
	1200	19	7.2	10.8	15.6	20	29	46	64	90	124	180	270	355	520	770
	900	14.2	5.5	8.4	12	15.6	21	36	50	68	88	135	200	260	380	540
	720	11.4	4.4	6.6	9.8	12.6	18	28	40	56	72	120	155	210	310	450
71	1800	25.3	9.6	13.8	20	25	36	58	80	108	154	255	330	440	670	940
	1200	16.9	6.6	9.6	14	18	25	40	58	78	102	176	240	320	460	680
	900	12.6	5.0	7.2	10.8	13.2	19	31	44	60	74	120	170	230	350	490
	720	10.1	4.1	6	9	11	16	25	36	48	62	96	130	185	280	390
80	1800	22.5	8.4	12	18	23	32	50	72	98	132	220	280	385	580	850
	1200	15	6	8.4	12.6	16.2	23	36	50	70	90	150	210	280	410	610
	900	11.2	4.5	6.3	9.6	12	16.8	28	38	52	67	110	150	205	300	440
	720	9	3.8	5.2	7.8	10.2	14.4	22	31	43	54	90	120	165	250	350
90	1800	20	7.8	11	16.2	20	29	48	66	88	120	190	260	365	540	730
	1200	13.5	5.4	7.8	11.4	15	20	34	46	62	84	120	180	245	360	500
	900	10	4.1	6	8.6	11.3	15.6	25	34	48	62	90	130	180	250	380
	720	8	3.3	4.8	7.2	9.6	12.6	20	28	38	49	80	100	145	210	290

Transmission ratios IN Speeds n1 and n2 Nominal power ratings Pn

Thermal Capacities																
	n1 [min ⁻¹]	Gear unit sizes														
		400	440	497	555	620	700	785	880	990	1105	1240	1395	1565	1760	
		Nominal Power ratings Pn[kw]														
Without cooling	720-1800	47	58	75	94	120	150	190	250	320	400	500	620	760	960	

IN	n1	n2	Gear unit sizes											
	[min ⁻¹]		80	100	125	160	200	250	280	315	355	400	450	500
	rpm		Nominal Power ratings Pn[kw]											
5	1800	360	9.6	18.7	33.6	71.5	126.5	258.5	330.0	440.0	616.0	935.0	1331.0	1584.0
	1200	240	6.4	12.3	24.4	51.7	93.5	192.5	247.5	330.0	451.0	693.0	990.0	1243.0
	900	180	4.7	9.4	19.5	40.7	71.5	156.2	198.0	275.0	352.0	550.0	792.0	1023.0
	720	144	4.1	7.8	15.4	35.2	57.2	132.0	176.0	236.5	308.0	495.0	660.0	913.0
5.6	1800	321.4	8.8	17.9	33.0	68.2	123.2	253.0	308.0	423.5	605.0	924.0	1320.0	1551.0
	1200	214.2	6.2	12.1	24.2	49.5	90.2	187.0	242.0	319.0	442.2	671.0	973.5	1221.0
	900	160.7	4.5	9.1	19.3	38.5	69.3	154.0	192.5	269.5	341.0	533.5	781.0	1012.0
	720	128.5	3.9	7.5	15.4	31.9	55.0	126.5	176.0	225.5	291.5	484.0	649.0	891.0
6.3	1800	285.7	8.8	17.9	33.0	68.2	123.2	253.0	308.0	423.5	605.0	924.0	1320.0	1551.0
	1200	190.4	6.2	12.1	24.2	49.5	90.2	187.0	242.0	319.0	442.2	671.0	973.5	1221.0
	900	142.8	4.5	9.1	19.3	38.5	69.3	154.0	192.5	269.5	341.0	533.5	781.0	1012.0
	720	114.2	3.9	7.5	15.4	31.9	55.0	126.5	176.0	225.5	291.5	484.0	649.0	891.0
7.1	1800	253.5	8.1	16.0	31.7	67.1	119.9	244.2	308.0	423.5	588.5	891.0	1276.0	1540.0
	1200	169	5.7	11.2	22.6	44.0	88.0	183.7	236.5	319.0	434.5	649.0	957.0	1221.0
	900	126.7	4.3	8.6	17.6	33.4	67.1	147.4	192.5	264.0	341.0	522.5	764.5	1012.0
	720	101.4	3.6	6.9	14.5	31.4	53.9	118.8	159.5	213.4	280.5	456.5	616.0	880.0
8	1800	225	7.9	15.1	30.4	60.5	112.2	231.0	308.0	423.5	500.0	836.0	1221.0	1518.0
	1200	150	5.3	10.3	21.3	41.8	82.5	173.8	231.0	319.0	418.0	616.0	913.0	1188.0
	900	112.5	4.0	7.9	16.5	31.9	66.0	137.5	187.0	264.0	341.0	495.0	737.0	990.0
	720	90	3.1	6.3	13.2	25.5	53.9	115.5	154.0	209.0	280.5	418.0	599.5	880.0
9	1800	200	6.6	14.3	27.7	55.0	101.2	203.5	290.4	385.0	495.0	759.0	1122.0	1474.0
	1200	133.3	4.6	9.5	19.3	38.5	74.8	158.5	214.5	291.5	368.5	561.0	825.0	1100.0
	900	100	3.5	7.0	14.3	28.9	59.4	128.7	170.5	236.5	302.5	445.5	654.5	880.0
	720	72	2.9	5.9	12.5	24.4	49.5	110.0	143.0	198.0	264.0	385.0	539.0	759.0
10	1800	180	5.6	12.1	23.8	50.6	94.6	187.0	253.0	346.5	440.0	671.0	1034.0	1408.0
	1200	120	4.0	8.5	16.6	33.0	68.2	137.5	187.0	253.0	330.0	495.0	726.0	990.0
	900	90	3.1	6.5	12.8	25.5	53.9	110.0	148.5	203.5	264.0	390.5	561.0	759.0
	720	72	2.5	5.3	11.0	21.5	46.2	97.9	132.0	187.0	236.5	330.0	484.0	660.0
11.2	1800	160.7	5.3	10.9	22.7	45.1	88.0	170.5	236.5	330.0	407.0	616.0	880.0	1122.0
	1200	107.1	3.6	7.3	15.1	30.8	61.6	125.4	176.0	236.5	308.0	451.0	638.0	825.0
	900	80.3	2.8	5.4	11.3	23.2	48.4	99.0	137.5	187.0	242.0	363.0	506.0	649.0
	720	64.2	2.2	4.7	9.8	19.6	41.8	82.5	115.5	154.0	220.0	297.0	429.0	550.0
12.5	1800	144	4.1	9.8	19.9	38.5	77.0	157.3	209.0	258.5	357.5	506.0	698.0	1012.0
	1200	96	2.9	6.5	13.4	27.5	55.0	107.8	154.0	192.5	269.0	363.0	500.5	748.0
	900	72	2.2	4.8	10.2	20.9	41.8	82.5	121.0	154.0	214.5	280.5	390.5	594.0
	720	57.6	1.9	4.1	8.5	17.1	35.2	69.3	99.0	121.0	176.0	236.5	335.5	495.0
14	1800	128.5	3.6	7.6	16.5	36.3	60.5	140.8	198.0	253.0	346.5	429.0	583.0	759.0
	1200	85.7	2.5	5.0	11.2	24.2	40.7	93.5	132.0	170.5	231.0	308.0	385.0	506.0
	900	64.2	2.0	3.7	8.5	18.2	30.8	71.5	99.0	129.8	176.0	231.0	291.5	385.0
	720	51.5	1.7	3.2	7.3	14.5	23.1	60.5	82.5	104.5	148.5	187.0	247.5	319.0
16	1800	112.5	3.2	5.9	13.8	30.8	56.1	110.0	154.0	198.0	308.0	396.0	495.0	759.0
	1200	75	2.1	4.0	8.8	21.1	36.3	75.9	110.0	209.0	209.0	275.0	363.0	506.0
	900	56.2	1.5	3.0	6.5	15.8	27.5	58.3	88.0	165.0	165.0	209.0	275.0	385.0
	720	45	1.3	2.4	5.6	13.6	19.8	49.5	77.0	137.5	137.5	170.5	231.0	319.0

Transmission ratios IN Speeds n1 and n2 Nominal power ratings Pn

Thermal Capacities		Gear unit sizes											
	n1	80	100	125	160	200	250	280	315	355	400	450	500
	[min ⁻¹]	Nominal Power ratings Pn[kw]											
Without cooling	720-1800	8.9	7.1	25.3	47.3	75.9	121.0	154.0	198.0	253.0	330.0	429.0	528.0



NT-RTH Allowable Transmission Power

IN	n1		n2		Gear unit sizes																
	[min ⁻¹]		190	125	240	272	305	340	385	430	480	540	605	680	765	855	960	1080	1210	1360	
	rpm		Nominal Power ratings															Pn[kw]			
18	1800	3.6	13.8	19.1	27.2	39.6	55.0	70.4	108.9	146.3	198.0	269.5	518.0	517.0	727.0	1232.0	1672.0	2288.0	—	—	
	1200	2.4	9.1	12.8	18.7	27.8	37.4	49.5	72.6	99.0	143.0	198.0	308.0	385.0	539.0	902.0	1243.0	1672.0	2420.0	2750.0	
	900	1.8	6.8	9.6	18.7	27.8	37.4	49.5	72.6	99.0	143.0	154.0	242.0	308.0	429.0	715.0	990.0	1320.0	1815.0	2090.0	
	720	1.4	5.5	7.6	11.3	17.4	25.1	31.9	47.3	61.6	88.0	132.0	198.0	264.0	374.0	594.0	869.0	1100.0	1540.0	1870.0	
20	1800	3.2	12.3	16.2	24.0	37.6	50.6	63.8	99.0	132.0	181.5	253.0	396.0	506.0	715.0	1210.0	1650.0	2255.0	2398.0	—	
	1200	2.1	8.3	11.4	22.8	25.7	34.7	45.1	66.0	90.2	132.0	187.0	286.0	352.0	506.0	836.0	1155.0	1540.0	2024.0	2640.0	
	900	1.6	6.2	8.9	12.4	19.6	26.4	34.1	50.6	68.2	99.0	143.0	220.0	275.0	385.0	627.0	891.0	1155.0	1705.0	2024.0	
	720	1.1	5.0	6.8	9.8	15.5	22.0	28.6	41.8	55.0	82.5	121.0	187.0	231.0	341.0	528.0	759.0	979.0	1474.0	1826.0	
22.4	1800	2.8	11.0	14.4	21.1	33.0	47.3	60.5	88.0	126.5	165.0	231.0	363.0	484.0	682.0	1133.0	1441.0	2090.0	2255.0	3025.0	
	1200	1.9	7.3	10.1	14.4	22.2	31.9	41.8	60.5	85.8	118.8	165.0	264.0	330.0	473.0	748.0	1012.0	1386.0	1848.0	2310.0	
	900	1.4	5.4	7.8	11.0	16.7	24.2	31.9	46.2	63.8	92.4	132.0	198.0	253.0	352.0	561.0	781.0	1023.0	1496.0	1848.0	
	720	1.1	4.4	6.2	8.7	13.3	19.8	27.5	38.5	52.8	72.6	110.0	165.0	209.0	297.0	462.0	660.0	869.0	1287.0	1760.0	
25	1800	2.5	9.4	13.2	19.3	29.5	41.8	58.3	79.2	113.3	154.0	209.0	330.0	440.0	627.0	979.0	1331.0	1815.0	2233.0	2915.0	
	1200	1.6	6.4	8.9	13.2	19.5	28.1	38.5	53.9	75.9	99.0	154.0	231.0	297.0	429.0	671.0	957.0	1232.0	1760.0	2255.0	
	900	1.2	4.8	6.8	9.9	14.5	21.9	29.7	40.7	57.2	81.4	121.0	181.5	220.0	319.0	517.0	748.0	957.0	1452.0	1815.0	
	720	1	3.9	5.4	7.9	12.1	17.4	24.2	33.0	46.2	64.9	99.0	147.4	181.5	264.0	418.0	583.0	792.0	1100.0	1672.0	
28	1800	2.2	8.7	11.8	17.5	24.2	35.2	49.5	70.4	93.5	137.4	203.5	308.0	374.0	550.0	869.0	1210.0	1639.0	2860.0	2585.0	
	1200	1.5	5.8	7.9	11.8	16.1	23.7	33.0	48.4	63.8	91.3	137.5	209.0	264.0	385.0	594.0	836.0	1122.0	1595.0	2090.0	
	900	1.1	4.4	5.9	8.9	12.1	18.2	24.8	37.4	48.4	68.2	104.5	159.5	198.0	297.0	451.0	638.0	847.0	1243.0	1760.0	
	720	0.9	3.4	4.7	6.8	9.8	14.7	20.1	29.7	38.5	55.0	86.9	132.0	165.0	242.0	363.0	517.0	671.0	1023.0	1441.0	
31.5	1800	2	7.2	10.3	15.6	21.8	32.3	42.9	64.9	85.8	121.0	189.2	276.1	363.0	528.0	781.0	1122.0	1441.0	2145.0	2310.0	
	1200	1.3	5.0	6.9	10.5	14.6	21.5	28.6	42.9	57.2	83.6	126.5	190.3	248.6	352.0	539.0	770.0	1012.0	1485.0	1947.0	
	900	1	3.9	5.2	7.8	11.0	16.0	22.0	31.9	44.0	63.8	95.7	145.2	188.1	264.0	407.0	583.0	781.0	1133.0	1639.0	
	720	0.8	3.0	4.2	6.4	9.0	12.9	17.8	26.4	34.1	49.5	79.2	115.5	147.4	209.0	330.0	462.0	605.0	902.0	1320.0	
35.5	1800	1.8	6.3	9.0	14.2	17.8	29.5	38.5	58.3	77.0	103.4	170.5	247.5	330.0	484.0	726.0	1045.0	1364.0	2035.0	2057.0	
	1200	1.2	4.2	6.2	9.5	12.1	19.5	25.3	39.6	50.6	69.3	113.3	171.6	220.0	319.0	495.0	682.0	924.0	1364.0	1727.0	
	900	0.9	3.1	4.6	7.0	9.2	14.5	19.9	29.7	38.5	51.7	84.7	132.0	165.0	242.0	374.0	506.0	693.0	1034.0	1452.0	
	720	0.7	2.4	3.6	5.6	7.3	11.8	16.3	24.2	31.1	41.8	68.2	104.5	134.2	192.5	291.5	418.0	550.0	836.0	1155.0	
40	1800	1.6	5.6	8.1	12.1	16.6	26.0	34.1	51.7	67.1	92.4	148.5	225.5	286.0	429.0	649.0	940.5	1232.0	1848.0	1914.0	
	1200	1	3.7	5.4	8.4	11.0	17.5	23.8	35.2	45.1	61.6	102.3	154.0	203.5	286.0	451.0	627.0	814.0	1232.0	1573.0	
	900	0.8	2.8	4.1	6.4	8.1	13.2	18.2	27.1	34.1	46.2	77.0	115.5	159.5	220.0	330.0	463.0	605.0	913.0	1309.0	
	720	0.6	2.2	3.3	5.0	6.5	11.0	14.4	22.3	27.3	37.4	62.7	93.5	121.0	176.0	264.0	374.0	484.0	737.0	1056.0	
45	1800	1.4	5.0	7.2	10.7	14.6	22.8	31.4	47.3	60.5	85.8	137.5	203.5	264.0	385.0	561.0	825.0	1078.0	1639.0	1881.0	
	1200	0.9	3.3	4.7	7.4	9.9	15.2	20.9	31.0	40.7	57.2	91.3	136.4	176.0	253.0	407.0	561.0	737.0	1122.0	1419.0	
	900	0.7	2.4	3.6	5.6	7.5	11.3	15.6	23.4	31.0	42.9	68.2	102.3	132.0	187.0	319.0	429.0	561.0	847.0	1133.0	
	720	0.5	2.1	3.0	4.5	5.8	9.0	12.9	19.7	24.2	34.1	56.1	83.6	110.0	159.5	242.0	341.0	451.0	660.0	957.0	
50	1800	1.2	4.4	6.6	9.9	12.8	20.4	29.5	39.6	55.0	75.9	123.2	176.0	231.0	341.0	517.0	737.0	1001.0	1463.0	1881.0	
	1200	0.8	3.0	4.4	6.6	8.6	13.6	19.5	29.6	36.3	51.7	82.5	117.7	154.0	225.5	352.0	495.0	660.0	990.0	1353.0	
	900	0.6	2.2	3.2	5.0	6.4	10.2	14.5	23.1	27.5	38.5	61.6	88.0	115.5	170.5	264.0	368.5	489.5	748.0	1067.0	
	720	0.5	1.8	2.6	4.0	5.3	8.4	11.8	17.4	22.8	31.9	49.5	71.5	94.6	137.5	220.0	308.0	418.0	594.0	869.0	
56	1800	1.1	3.9	5.7	8.6	11.3	18.5	25.6	37.4	47.3	67.1	107.8	154.0	209.0	418.0	467.5	649.0	858.0	1265.0	1859.0	
	1200	0.7	2.6	3.9	5.7	7.6	12.3	17.1	25.4	32.8	46.2	72.6	106.7	137.5	203.5	319.0	451.0	594.0	869.0	1265.0	
	900	0.5	2.0	3.0	4.4	5.7	9.2	12.8	19.1	24.9	35.2	55.0	82.5	104.5	148.5	242.0	346.5	451.0	660.0	957.0	
	720	0.4	1.7	2.3	3.4	4.6	7.6	10.6	16.0	19.8	28.1	44.0	66.0	85.8	125.4	192.5	269.5	363.0	522.5	748.0	
63	1800	1	3.5	5.2	7.9	10.3	15.8	22.1	33.0	41.8	59.4	93.5	139.7	189.2	269.5	412.5	577.5	759.0	1188.0	1441.0	
	1200	0.6	2.4	3.5	5.2	6.9	11.0	15.0	22.4	28.9	40.7	63.8	90.2	126.5	181.5	280.5	401.5	522.5	786.5	1012.0	
	900	0.5	1.8	2.5	3.9	5.2	8.6	11.3	17.1	22.0	31.4	49.5	74.8	95.7	135.3	214.5	302.5	396.0	588.5	781.0	
	720	0.4	1.4	2.1	3.2	4.2	6.5	9.0	13.6	17.4	25.1	38.5	59.4	74.8	110.0	170.5	242.0	324.5	478.5	638.0	
71	1800	0.9	3.1	4.5	7.0	8.9	14.3	20.4	29.3	38.5	53.9	85.8	123.2	165.0	220.0	379.5	528.0	687.5	935.0	1089.0	
	1200	0.6	2.1	3.1	4.6	6.1	9.5	13.6	19.8	26.0	35.2	58.3	82.5	115.5	148.5	253.0	357.5	467.5	643.5	803.0	
	900	0.4	1.5	2.3	3.4	4.6	7.0	10.2	15.0	19.6	27.1	44.0	60.5	88.0	113.3	187.0	269.5	357.5	489.5	638.0	
	720	0.3	1.2	1.9	2.8	3.6	5.7	8.4	12.1	16.0	22.0	35.2	49.5	69.3	90.2	148.5	214.5	286.0	390.5	522.5	
80	1800	0.8	2.8	4.1	5.8	8.5	11.3	18.3	27.7	35.2	47.3	69.3	107.8	148.5	203.5	330.0	440.0	676.5	819.5	1045.0	
	1200	0.5	1.9	2.8	4.0	5.6	7.3	12.5	18.2	24.3	32.8	47.3	73.7	102.3	137.5	220.0	313.5	462.0	572.0	693.0	
	900	0.4	1.3	2.1	3.0	4.2	5.7	9.6	13.5	18.5	24.9	35.2	56.1	78.1	102.3	170.5	242.0	352.0	401.5	517.0	
	720	0.3	1.1	1.7	2.4	3.4	4.6	7.6	10.6	14.7	21.2	28.8	41.8	60.5							



NT-RQH Allowable Transmission Power

IN	n1	n2	Gear unit sizes														
	[min ⁻¹]		272	305	340	385	430	480	540	605	680	765	855	960	1080	1210	1360
	rpm		Nominal Power ratings Pn[kw]														
100	1800	18	7.3	10.3	14.3	22.0	29.0	40.7	64.9	99.0	126.5	181.5	286.0	396.0	528.0	770.0	1078.0
	1200	12	5.0	6.9	9.7	14.7	19.7	27.7	44.0	66.0	86.9	121.0	192.5	264.0	357.5	517.0	731.5
	900	9	3.7	5.3	7.3	11.1	14.9	20.8	33.0	49.5	66.0	93.5	143.0	200.2	264.0	385.0	555.5
	720	7.2	3.0	4.2	5.8	9.1	11.9	16.6	27.5	40.7	52.8	73.7	115.5	162.8	214.5	308.0	445.5
112	1800	16	6.4	9.0	13.2	20.4	27.0	37.4	58.3	84.7	110.0	165.0	253.0	357.5	473.0	676.5	902.5
	1200	10.7	4.3	6.6	9.1	14.1	18.2	25.1	38.5	58.3	77.0	110.0	168.3	236.5	319.0	456.5	638.0
	900	8	3.3	5.2	7.0	10.8	13.8	18.9	28.9	44.0	57.2	85.8	126.5	176.0	236.5	341.0	495.0
	720	6.4	2.6	4.0	5.5	8.3	11.0	15.4	23.8	35.2	45.1	67.1	103.4	146.3	187.0	275.0	396.0
125	1800	14.4	5.2	7.8	11.3	16.0	22.0	29.3	46.2	69.3	97.9	148.5	225.5	313.5	423.5	599.5	869.0
	1200	9.6	3.9	5.9	8.4	12.2	16.3	22.6	34.1	52.8	66.0	99.0	151.8	209.0	280.5	401.5	572.0
	900	7.2	2.9	4.5	6.4	9.2	12.2	17.1	26.0	39.6	49.5	73.7	115.5	159.5	209.0	302.5	429.0
	720	5.7	2.3	3.6	5.1	7.2	9.9	13.2	20.9	32.5	39.6	59.4	90.2	126.5	170.5	242.0	341.0
140	1800	12.8	5.2	7.8	11.3	16.0	22.0	29.3	46.2	69.3	88.0	132.0	201.3	291.5	374.0	539.0	792.0
	1200	8.5	3.4	5.4	7.5	11.1	15.1	20.2	31.4	47.3	58.3	88.0	137.5	192.5	247.5	363.0	572.0
	900	6.4	2.5	4.2	5.6	8.6	11.4	15.5	23.8	36.3	44.0	66.0	104.5	143.0	189.2	269.5	429.0
	720	5.1	2.0	3.3	4.5	6.4	9.1	12.7	18.9	28.6	35.2	55.0	82.5	118.8	154.0	220.0	341.0
160	1800	11.2	4.5	7.2	9.7	14.4	19.7	27.1	41.8	61.6	79.2	113.3	178.2	253.0	335.5	484.0	704.0
	1200	7.5	3.1	4.8	6.8	9.5	13.3	18.2	27.5	41.8	53.9	75.9	118.8	170.5	220.0	324.5	467.5
	900	5.6	2.3	3.7	5.3	7.0	10.0	13.8	20.4	31.1	40.7	57.2	88.0	129.8	165.0	242.0	353.0
	720	4.5	1.8	3.0	4.0	5.8	8.4	11.0	16.9	25.3	32.5	46.2	72.6	106.7	134.2	198.0	286.0
180	1800	10	4.1	6.3	8.9	12.9	17.2	24.2	37.4	56.1	71.5	97.9	159.5	220.0	291.5	434.5	621.5
	1200	6	2.8	4.3	5.9	8.6	11.7	16.3	25.1	37.4	47.3	67.1	104.5	148.5	192.5	291.5	412.5
	900	4.5	2.1	3.2	4.5	6.4	8.9	12.2	18.9	28.2	35.2	50.6	77.0	110.0	148.5	220.0	308.0
	720	3.6	1.7	2.5	3.6	5.2	7.0	9.9	15.4	22.9	28.6	40.7	64.9	91.3	118.8	162.8	253.0
200	1800	9	3.5	5.7	7.9	11.8	15.2	22.4	32.3	49.5	63.8	91.3	143.0	203.5	264.0	385.0	550.0
	1200	6	2.3	3.7	5.4	7.9	10.2	14.5	22.0	33.0	41.8	60.5	95.7	132.0	176.0	258.5	374.0
	900	4.5	1.8	2.9	4.1	5.9	7.8	10.8	16.6	25.3	31.9	45.1	71.5	99.0	132.0	192.5	280.5
	720	3.6	1.4	2.2	3.3	4.7	6.4	9.1	13.4	20.9	25.3	36.3	57.2	82.5	106.7	158.4	220.0
224	1800	8	3.1	5.0	6.9	10.3	13.9	19.0	29.5	45.1	56.1	82.5	127.6	181.5	236.5	352.0	489.5
	1200	5.3	2.1	3.4	4.6	6.9	9.1	13.1	19.8	29.7	37.2	55.0	85.8	123.2	159.5	236.5	330.0
	900	4	1.5	2.5	3.5	5.2	6.8	10.0	15.2	22.6	28.2	40.7	63.8	93.5	118.8	176.0	253.0
	720	3.2	1.3	2.0	3.0	4.2	5.6	7.9	12.3	18.2	22.6	33.0	52.8	74.8	94.6	143.0	198.0
250	1800	7.2	2.8	4.6	6.5	9.0	12.2	17.2	26.3	38.5	50.6	71.5	110.0	162.8	214.5	319.0	445.5
	1200	4.8	1.9	3.1	4.4	6.1	8.3	11.7	17.4	26.5	33.0	47.3	75.9	108.9	143.0	209.0	297.0
	900	3.6	1.4	2.3	3.3	4.5	6.3	8.9	13.0	20.0	25.3	36.3	57.2	81.4	107.8	159.5	220.0
	720	2.8	1.2	1.9	2.6	3.6	5.1	7.2	10.7	16.2	20.6	29.3	46.2	66.0	88.0	126.5	178.2
280	1800	6.4	2.5	3.4	5.4	7.9	11.3	15.6	23.1	35.2	45.1	63.8	99.0	143.0	192.5	275.0	385.0
	1200	4.2	1.8	2.3	3.7	5.4	7.5	10.7	15.6	22.2	30.5	44.0	66.0	95.7	126.5	181.5	258.0
	900	3.2	1.3	1.8	2.9	4.1	5.6	8.1	11.9	17.8	23.0	34.1	49.5	71.5	95.7	137.5	192.5
	720	2.5	1.0	1.3	2.2	3.3	4.4	6.4	9.5	14.6	18.2	26.1	39.6	57.2	77.0	110.0	154.0
315	1800	5.7	2.3	3.1	5.0	7.4	9.4	14.0	20.9	32.9	38.5	57.2	90.2	126.5	167.2	247.5	330.0
	1200	3.8	1.5	2.1	3.4	4.8	6.4	9.0	13.8	21.5	26.5	38.5	60.5	85.8	112.2	165.0	225.5
	900	2.8	1.1	1.5	2.5	3.6	4.8	6.7	10.3	16.0	20.0	28.9	45.1	63.8	84.7	121.0	170.5
	720	2.2	0.9	1.2	2.0	3.0	4.0	5.6	8.7	13.0	16.2	23.3	36.3	51.7	68.2	99.0	137.5
355	1800	5	2.1	2.8	4.5	6.5	8.3	11.8	17.8	23.4	35.2	45.1	82.5	113.3	151.8	207.9	270.6
	1200	3.3	1.4	1.9	3.0	4.3	5.8	7.9	11.9	16.1	23.8	30.5	53.9	75.9	102.3	138.6	181.5
	900	2.5	1.1	1.4	2.2	3.2	4.5	5.9	8.9	12.2	17.8	23.1	39.6	57.2	77.0	104.5	137.5
	720	2	0.8	1.1	1.8	2.5	3.4	4.8	7.2	9.9	14.3	18.6	33.0	46.2	61.6	82.5	110.0
400	1800	4.5	1.8	2.4	3.9	5.5	7.4	9.8	15.2	21.8	29.7	39.6	71.5	97.9	123.2	173.8	242.0
	1200	3	1.1	1.7	2.5	3.7	5.0	6.6	10.2	14.4	19.8	27.1	47.3	66.0	82.5	115.5	162.8
	900	2.2	0.9	1.2	1.9	2.9	3.7	5.0	7.7	10.7	14.9	20.4	35.2	49.5	61.6	84.7	122.1
	720	1.8	0.7	1.0	1.5	2.2	3.0	4.0	6.2	9.0	12.2	16.2	28.6	40.7	49.5	69.3	99.0
450	1800	4	1.4	2.1	3.0	5.0	6.7	8.8	13.3	19.0	28.8	36.3	57.2	86.9	107.8	151.8	215.6
	1200	2.6	1.0	1.4	2.0	3.2	4.5	5.9	8.9	13.1	18.9	24.5	38.5	58.3	72.6	103.4	146.3
	900	2	0.7	1.1	1.5	2.4	3.4	4.5	6.7	10.0	14.1	18.5	28.9	44.0	55.0	77.0	110.0
	720	1.6	0.6	0.9	1.2	2.0	2.8	3.6	5.3	7.9	11.0	14.6	23.3	35.2	44.0	61.6	86.9
500	1800	3.6	1.3	1.9	2.5	3.9	5.9	7.2	10.3	16.7	23.8	32.3	48.4	70.4	95.7	148.5	187.0
	1200	2.4	0.9	1.2	1.8	2.5	4.0	4.8	6.9	11.2	15.8	22.0	33.0	46.2	63.8	99.0	126.5
	900	1.8	0.6	0.9	1.3	1.9	3.0	3.6	5.3	8.5	11.9	16.7	25.3	35.2	48.4	73.7	96.8
	720	1.4	0.4	0.8	1.0	1.5	2.4	3.0	4.2	6.8	9.5	13.1	20.2	28.6	38.5	59.4	74.8

Transmission ratios IN Speeds n1 and n2 Nominal power ratings Pn

Thermal Capacities		Gear unit sizes														
	n1	272	305	340	385	430	480	540	605	680	765	855	960	1080	1210	1360
	[min ⁻¹]	Nominal Power ratings Pn[kw]														
Without cooling	720-1800	16.0	20.4	25.9	33.0	41.8	52.8	69.3	86.9	115.5	143.0	181.5	231.0	313.5	385.0	506.0