

# 2MGT POWER RATINGS - WATTS

rpm of faster shaft	Number of grooves in small pulley														
	10	12	14	16	18	22	26	30	34	38	44	46	62	72	80
	Pulley pitch diameter in mm														
	6.37	7.64	8.91	10.19	11.46	14.01	16.55	19.10	21.65	24.19	28.01	29.28	39.47	45.84	50.93
10	1.22	1.50	1.78	2.05	2.32	2.85	3.37	3.88	4.38	4.87	5.60	5.84	7.73	8.87	9.77
40	4.08	5.04	5.99	6.92	7.83	9.62	11.37	13.09	14.77	16.42	18.86	19.66	25.91	29.69	32.65
60	5.76	7.14	8.49	9.81	11.11	13.66	16.14	18.57	20.95	23.29	26.74	27.87	36.67	41.98	46.15
100	8.86	11.01	13.10	15.16	17.18	21.13	24.97	28.72	32.40	36.00	41.30	43.03	56.52	64.63	70.97
200	15.70	19.59	23.39	27.10	30.74	37.83	44.70	51.40	57.94	64.34	73.72	76.80	100.54	114.75	125.82
300	21.78	27.27	32.61	37.82	42.92	52.85	62.46	71.79	80.90	89.80	102.81	107.06	139.85	159.39	174.58
400	27.37	34.35	41.13	47.75	54.22	66.79	78.93	90.71	102.18	113.37	129.72	135.05	176.09	200.47	219.39
500	32.59	40.99	49.14	57.09	64.85	79.91	94.44	108.52	122.21	135.55	155.01	161.36	210.06	238.91	261.26
600	37.52	47.28	56.75	65.96	74.96	92.40	109.19	125.45	141.24	156.62	179.01	186.31	242.21	275.24	300.78
800	46.68	59.02	70.98	82.60	93.93	115.84	136.89	157.23	176.95	196.11	223.96	233.02	302.19	342.88	374.25
1000	55.11	69.89	84.18	98.06	111.57	137.66	162.68	186.81	210.15	232.81	265.67	276.35	357.61	405.21	441.81
1200	62.95	80.05	96.57	112.58	128.16	158.19	186.95	214.62	241.36	267.28	304.80	316.97	409.38	463.31	504.67
1400	70.30	89.63	108.27	126.33	143.87	177.65	209.95	240.98	270.92	299.90	341.78	355.36	458.12	517.87	563.59
1600	77.24	98.70	119.39	139.40	158.84	196.20	231.86	266.08	299.05	330.93	376.92	391.81	504.26	569.40	619.14
1800	83.81	107.34	130.00	151.90	173.14	213.94	252.82	290.09	325.95	360.57	410.45	426.58	548.11	618.28	671.72
2000	90.06	115.59	140.15	163.87	186.86	230.97	272.95	313.12	351.73	388.97	442.55	459.86	589.93	664.78	721.66
2400	101.71	131.08	159.27	186.47	212.78	263.16	310.98	356.63	400.41	442.54	502.98	522.47	668.23	751.55	814.58
2800	112.39	145.39	177.03	207.50	236.94	293.20	346.47	397.21	445.76	492.37	559.08	580.54	740.36	831.10	899.41
3200	122.23	158.71	193.62	227.20	259.60	321.40	379.78	435.27	488.25	539.00	611.46	634.72	807.17	904.40	977.24
3600	131.35	171.14	209.19	245.72	280.95	347.99	411.19	471.13	528.23	582.83	660.57	685.48	869.27	972.17	1048.84
4000	139.81	182.80	223.84	263.21	301.12	373.15	440.90	505.01	565.97	624.14	706.75	733.17	927.16	1034.96	1114.83
5000	158.54	209.03	257.07	303.02	347.14	430.64	508.76	582.31	651.89	717.94	811.14	840.78	1055.75	1172.78	1258.10
6000	174.33	231.72	286.18	338.12	387.85	481.61	568.88	650.63	727.56	800.20	902.01	934.20	1164.42	1286.76	1374.16
8000	198.93	268.72	334.58	397.07	456.59	567.96	670.56	765.65	854.17	936.78	1050.77	1086.32	1331.95	1454.14	1536.22
10000	216.14	296.83	372.58	444.08	511.84	637.65	752.30	857.36	953.93	1042.83	1163.16	1200.03	1442.62	1550.91	1615.21
12000	227.43	317.80	402.21	481.48	556.20	693.82	817.78	929.90	1031.45	1123.39	1244.74	1281.04	1502.85	1583.38	1616.98
14000	233.79	332.82	424.84	510.79	591.39	738.53	869.35	985.91	1089.63	1181.53	1298.83	1332.72	1515.93	1554.21	1543.33

4  
GT3

### Belt width correction factors

Belt width (mm)	3	6	9	12
Width factors	0.30	0.62	1.00	1.45

Bold figures refer to standard widths.

Power ratings are based on a minimum of six teeth in mesh.  
If you have less than this, you have to make an adjustment - see page 26.

# 3MGT POWER RATINGS - WATTS

rpm of faster shaft	Number of grooves in small pulley												
	16	18	22	26	30	34	38	44	52	56	62	72	80
	Pulley pitch diameter in mm												
	15.28	17.19	21.01	24.83	28.65	32.47	36.29	42.02	49.66	53.48	59.21	68.75	76.39
20	7	8	10	12	14	16	18	21	25	26	29	34	38
40	12	14	18	22	26	29	33	39	46	49	55	63	70
60	17	20	26	31	37	42	48	55	66	71	78	91	101
100	27	32	41	49	58	66	75	87	103	111	123	143	158
200	49	57	74	90	106	122	137	160	190	205	227	262	291
300	69	81	105	128	151	173	195	228	270	291	322	373	413
400	88	103	134	164	193	222	250	292	347	374	413	479	530
500	105	124	162	198	234	268	303	354	420	452	501	579	641
600	122	145	188	231	273	314	354	413	491	529	585	677	749
700	139	164	214	263	310	357	403	471	559	603	667	772	854
800	155	183	239	294	347	400	451	527	626	675	747	864	956
900	170	202	264	324	383	441	498	582	692	745	825	954	1055
1000	185	220	288	354	419	482	545	636	756	814	901	1042	1153
1200	214	255	334	411	487	561	634	741	880	948	1049	1214	1342
1400	242	288	379	467	553	638	721	842	1001	1078	1193	1379	1525
1450	248	296	390	481	569	656	742	867	1030	1110	1228	1420	1570
1600	268	320	422	521	617	712	805	941	1117	1204	1332	1540	1702
1750	288	344	453	560	664	766	866	1013	1203	1296	1433	1657	1831
1800	294	351	464	573	680	784	886	1036	1231	1326	1467	1695	1874
2000	319	382	504	624	740	854	966	1130	1342	1446	1599	1847	2041
2400	366	440	583	722	858	990	1120	1310	1556	1676	1853	2139	2362
2800	411	495	658	816	970	1121	1268	1483	1761	1897	2096	2419	2668
3200	454	547	730	906	1078	1246	1410	1650	1959	2109	2330	2685	2960
3600	495	598	799	994	1183	1367	1548	1810	2149	2313	2554	2941	3239
4000	534	647	866	1078	1284	1485	1681	1966	2332	2510	2770	3186	3505
6000	709	866	1171	1465	1749	2024	2290	2675	3163	3396	3733	4262	4653
8000	858	1056	1438	1805	2156	2495	2820	3284	3861	4131	4514	5090	5493
10000	985	1221	1674	2106	2516	2907	3279	3801	4431	4717	5109		
12000	1096	1366	1884	2371	2831	3264	3670	4226	4870				
14000	1191	1493	2068	2605	3104	3567	3992	4557					

Belt width correction factors							
Belt width (mm)	3	6	9	12	15	20	25
Width factors	0.30	<b>0.62</b>	<b>1.00</b>	1.45	<b>1.89</b>	2.64	3.38

Bold figures refer to standard widths.

Power ratings are based on a minimum of six teeth in mesh.  
If you have less than this, you have to make an adjustment - see page 26.



# 5MGT POWER RATINGS - WATTS

rpm of faster shaft	Number of grooves in small pulley														
	18	20	22	24	26	28	32	36	40	44	48	56	64	72	80
	Pulley pitch diameter in mm														
	28.65	31.83	35.01	38.20	41.38	44.56	50.93	57.30	63.66	70.03	76.39	89.13	101.86	114.59	127.32
20	12	14	17	19	21	24	28	33	37	42	46	55	64	73	82
40	22	27	31	36	40	45	54	62	71	80	88	105	122	139	155
60	32	38	45	52	58	65	77	90	103	115	128	153	177	201	225
100	50	60	71	81	92	102	123	144	164	184	204	244	283	322	361
200	90	111	131	151	171	190	230	269	307	346	384	459	534	608	681
300	127	157	186	215	244	273	330	387	443	499	554	664	772	879	985
400	162	201	239	277	315	352	427	501	574	647	719	861	1002	1142	1280
500	195	243	290	337	383	429	521	611	701	790	879	1054	1226	1397	1567
600	227	283	339	394	449	504	612	719	825	931	1035	1242	1446	1648	1847
700	258	322	387	450	514	577	701	825	947	1068	1188	1426	1661	1893	2123
800	288	361	433	505	577	648	789	928	1066	1203	1339	1608	1873	2135	2394
1000	345	434	524	612	700	787	960	1131	1300	1468	1634	1963	2288	2608	2925
1200	399	505	611	715	819	922	1126	1328	1527	1725	1922	2309	2692	3069	3442
1400	451	574	695	815	934	1053	1288	1520	1750	1977	2203	2648	3087	3520	3947
1450	464	590	715	840	963	1085	1328	1567	1805	2039	2272	2732	3185	3631	4071
1600	502	640	777	912	1047	1181	1446	1708	1967	2224	2478	2980	3474	3961	4441
1750	538	688	837	984	1130	1275	1563	1847	2128	2406	2682	3225	3760	4286	4805
1800	550	704	856	1008	1158	1307	1602	1893	2181	2466	2749	3306	3854	4394	4925
2000	597	767	934	1101	1266	1430	1754	2075	2391	2705	3015	3627	4227	4818	5399
2400	688	887	1085	1282	1476	1669	2052	2429	2802	3170	3534	4251	4954	5644	6319
2800	773	1003	1231	1456	1680	1902	2340	2773	3200	3622	4038	4857	5657	6439	7203
3200	855	1114	1371	1625	1877	2127	2621	3108	3587	4061	4528	5444	6336	7205	8051
3600	933	1221	1506	1789	2069	2346	2894	3433	3965	4488	5003	6012	6992	7941	8861
4000	1008	1325	1638	1948	2255	2560	3161	3751	4332	4904	5466	6563	7624	8648	9633
5000	1182	1569	1951	2328	2702	3071	3799	4512	5210	5895	6565	7862	9099	10274	
6000	1341	1795	2243	2685	3121	3552	4399	5226	6032	6817	7581	9043	10414		
8000	1618	2199	2770	3333	3886	4430	5491	6514	7499	8444	9348				
10000	1845	2544	3228	3898	4554	5195	6432	7607	8716	9756	10721				
12000	2026	2831	3617	4381	5123	5843	7214	8487							
14000	2160	3062	3934	4777	5588	6367	7821								

4  
GT3

## Belt width correction factors

Belt width (mm)	6	9	12	15	20	25	30
Width factors	0.62	<b>1.00</b>	1.45	<b>1.89</b>	2.64	<b>3.38</b>	4.13

Bold figures refer to standard widths.

Power ratings are based on a minimum of six teeth in mesh.  
If you have less than this, you have to make an adjustment - see page 26.

# 8MGT POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley															
	22	24	26	28	30	32	34	36	38	40	44	48	56	64	72	80
	Pulley pitch diameter in mm															
	56.02	61.12	66.21	71.30	76.39	81.49	86.58	91.67	96.77	101.86	112.05	122.23	142.60	162.97	183.35	203.72
10	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.15	0.17	0.20	0.23	0.26	0.29
20	0.11	0.13	0.15	0.16	0.18	0.19	0.21	0.23	0.24	0.26	0.29	0.32	0.38	0.45	0.51	0.57
50	0.27	0.30	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.61	0.69	0.76	0.91	1.06	1.21	1.35
100	0.50	0.58	0.65	0.73	0.80	0.88	0.95	1.02	1.10	1.17	1.32	1.46	1.75	2.03	2.32	2.60
200	0.95	1.10	1.24	1.38	1.53	1.67	1.81	1.95	2.10	2.24	2.52	2.80	3.35	3.90	4.45	5.00
300	1.38	1.59	1.80	2.01	2.22	2.43	2.64	2.85	3.06	3.26	3.68	4.09	4.90	5.71	6.51	7.31
400	1.79	2.07	2.34	2.62	2.90	3.17	3.45	3.72	3.99	4.26	4.81	5.34	6.41	7.47	8.53	9.57
500	2.19	2.53	2.88	3.22	3.56	3.90	4.24	4.58	4.91	5.25	5.91	6.58	7.90	9.21	10.50	11.79
600	2.58	2.99	3.40	3.81	4.21	4.61	5.02	5.42	5.82	6.21	7.01	7.80	9.36	10.91	12.45	13.98
720	3.04	3.53	4.01	4.50	4.98	5.46	5.93	6.41	6.88	7.36	8.30	9.23	11.09	12.93	14.76	16.57
800	3.35	3.88	4.42	4.95	5.48	6.01	6.54	7.06	7.59	8.11	9.15	10.18	12.23	14.26	16.27	18.27
1000	4.09	4.75	5.41	6.07	6.73	7.38	8.03	8.68	9.32	9.97	11.25	12.52	15.04	17.54	20.01	22.46
1200	4.82	5.60	6.39	7.17	7.95	8.72	9.49	10.26	11.03	11.79	13.31	14.81	17.80	20.75	23.68	26.57
1460	5.74	6.69	7.63	8.57	9.50	10.43	11.36	12.28	13.20	14.11	15.93	17.74	21.32	24.85	28.34	31.78
1600	6.23	7.26	8.29	9.31	10.33	11.34	12.35	13.35	14.35	15.35	17.33	19.29	23.18	27.02	30.80	34.54
1800	6.92	8.07	9.22	10.36	11.49	12.62	13.75	14.87	15.98	17.09	19.30	21.49	25.81	30.07	34.27	38.40
2000	7.59	8.87	10.13	11.39	12.64	13.89	15.13	16.36	17.59	18.81	21.24	23.65	28.40	33.08	37.67	42.18
2400	8.92	10.43	11.93	13.42	14.90	16.37	17.84	19.30	20.75	22.19	25.05	27.88	33.46	38.93	44.27	49.49
2800	10.22	11.96	13.69	15.40	17.11	18.80	20.49	22.16	23.83	25.48	28.76	32.00	38.36	44.56	50.59	56.44
2920	10.60	12.41	14.20	15.99	17.76	19.52	21.27	23.01	24.74	26.45	29.86	33.21	39.80	46.21	52.43	58.45
3500	12.42	14.55	16.67	18.77	20.85	22.92	24.98	27.02	29.04	31.05	35.02	38.93	46.54	53.88		
4000	13.94	16.34	18.73	21.10	23.45	25.77	28.08	30.37	32.63	34.88	39.30	43.65	52.06			
4500	15.42	18.09	20.74	23.37	25.97	28.54	31.09	33.61	36.10	38.57	43.42	48.16				
5000	16.86	19.79	22.70	25.57	28.42	31.23	34.00	36.75	39.46	42.13	47.37	52.46				
5500	18.26	21.45	24.60	27.72	30.79	33.83	36.82	39.77	42.68	45.55	51.14					

## Belt width correction factors

Belt width (mm)	20	30	50	85
Width factors	1.00	1.57	2.73	4.75

Bold figures refer to standard widths.

## Belt length correction factors

Belt length (mm)	384-600	640-880	960-1200	1280-1760	1800-4400
Length factors	0.8	0.9	1.0	1.1	1.2

Power ratings refer to standard products only. For special constructions, please contact Gates.

Power ratings are based on a minimum of six teeth in mesh.

If you have less than this, you have to make an adjustment - see page 26.

# 14MGT POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley												
	28	30	32	34	36	38	40	44	48	56	64	72	80
	Pulley pitch diameter in mm												
	124.78	133.69	142.60	151.52	160.43	169.34	178.25	196.08	213.90	249.55	285.21	320.86	356.51
10	0.45	0.50	0.53	0.57	0.61	0.65	0.68	0.76	0.84	0.98	1.12	1.27	1.41
20	0.86	0.92	1.00	1.08	1.14	1.22	1.29	1.43	1.57	1.85	2.12	2.40	2.66
60	2.31	2.51	2.71	2.90	3.10	3.30	3.49	3.88	4.26	5.02	5.78	6.51	7.25
100	3.64	3.96	4.28	4.60	4.91	5.21	5.53	6.15	6.75	7.96	9.15	10.33	11.50
200	6.74	7.34	7.93	8.53	9.11	9.69	10.27	11.43	12.56	14.83	17.05	19.24	21.41
300	9.63	10.48	11.34	12.20	13.04	13.88	14.72	16.38	18.02	21.26	24.45	27.60	30.71
400	12.38	13.50	14.60	15.70	16.80	17.89	18.96	21.11	23.23	27.42	31.54	35.60	39.59
500	15.03	16.39	17.74	19.09	20.42	21.75	23.07	25.67	28.26	33.36	38.37	43.30	48.15
600	17.59	19.20	20.79	22.36	23.94	25.50	27.04	30.12	33.14	39.13	44.99	50.75	56.42
720	20.58	22.46	24.33	26.19	28.04	29.87	31.68	35.29	38.84	45.84	52.70	59.41	66.01
800	22.53	24.60	26.64	28.68	30.70	32.71	34.71	38.65	42.55	50.20	57.70	65.03	72.22
1000	27.25	29.77	32.25	34.73	37.18	39.62	42.03	46.82	51.52	60.76	69.77	78.54	87.09
1200	31.79	34.74	37.65	40.55	43.42	46.27	49.08	54.66	60.14	70.86	81.26	91.32	101.08
1460	37.47	40.95	44.41	47.82	51.21	54.55	57.87	64.42	70.83	83.31	95.34	106.87	117.92
1600	40.43	44.19	47.92	51.60	55.25	58.86	62.44	69.48	76.36	89.73	102.52	114.72	126.32
1800	44.54	48.70	52.80	56.87	60.87	64.85	68.76	76.47	83.99	98.51	112.28	125.29	
2000	48.54	53.08	57.54	61.96	66.32	70.62	74.87	83.20	91.30	106.83	121.44		
2400	56.19	61.42	66.58	71.67	76.66	81.58	86.42	95.84	104.94	122.12			
2800	63.39	69.28	75.05	80.72	86.27	91.73	97.06	107.38	117.23				
2920	65.46	71.53	77.48	83.31	89.02	94.61	100.07	110.62	120.64				
3500	74.95	81.81	88.50	95.01	101.33	107.47	113.42						
4000	82.38	89.80	96.99	103.93									
4500	89.10	96.95											

4

GT2

Belt width correction factors					
Belt width (mm)	40	55	85	115	170
Width factors	1	1.5	2.5	3.5	5.32

Bold figures refer to standard widths.

Belt length correction factors						
Belt length (mm)	966-1190	1400-1610	1778-1890	2100-2450	2590-3360	3500-6860
Length factors	0.8	0.9	0.95	1.0	1.05	1.1

Power ratings refer to standard products only. For special constructions, please contact Gates.

Power ratings are based on a minimum of six teeth in mesh. If you have less than this, you have to make an adjustment - see page 26.

# 3M POWER RATINGS - WATTS

rpm of faster shaft	Number of grooves in small pulley														
	10	12	14	16	18	20	24	28	32	40	48	56	64	72	80
	Pulley pitch diameter in mm														
	9.55	11.46	13.37	15.28	17.19	19.10	22.92	26.74	30.56	38.20	45.84	53.48	61.12	68.75	76.39
20	1	1	1	1	2	2	2	3	3	4	6	7	8	8	9
40	2	2	2	3	3	3	4	5	6	9	11	13	15	17	19
60	2	3	3	4	5	5	7	8	10	13	17	20	23	25	28
100	4	5	6	7	8	9	11	13	16	21	28	33	38	42	47
200	8	10	11	13	15	17	22	27	32	43	55	66	75	84	94
300	11	13	16	18	21	24	30	36	43	58	74	87	100	112	125
400	13	16	19	23	26	30	37	45	53	71	90	107	122	138	153
500	16	19	23	27	31	35	44	53	62	83	106	125	143	161	179
600	18	22	27	31	35	40	50	60	71	95	120	142	163	183	203
700	20	25	30	35	40	45	56	68	80	106	134	159	181	204	227
800	23	28	33	39	44	50	62	75	88	117	148	174	199	224	249
870	24	30	35	41	47	53	66	80	94	124	157	185	211	238	264
900	25	30	36	42	48	55	68	82	96	127	160	189	216	243	270
1000	27	33	39	46	52	59	73	88	104	137	173	204	233	262	291
1160	30	37	44	51	59	66	82	99	116	153	192	226	258	291	323
1200	31	38	45	52	60	68	84	101	119	156	197	232	265	298	330
1400	35	43	51	59	68	76	94	113	133	175	219	258	295	331	368
1450	36	44	52	61	69	78	97	116	137	179	225	264	302	339	377
1600	39	47	56	65	75	84	104	125	147	192	241	283	323	363	403
1750	42	51	60	70	80	90	112	134	157	205	256	301	344	386	429
1800	42	52	62	72	82	92	114	136	160	209	261	307	351	394	437
2000	46	56	67	77	89	100	123	148	173	226	281	331	377	423	469
2400	53	65	77	89	102	115	141	169	197	257	319	375	427	479	530
2800	60	73	86	100	114	129	158	189	221	287	355	416	474	530	586
3200	66	81	96	111	126	142	175	209	243	315	389	455	517	578	638
3600	73	88	105	121	138	155	191	227	265	342	421	492	558	622	685
4000	79	96	113	131	150	168	206	245	285	368	451	526	596	663	727
5000	94	114	134	155	177	198	243	288	334	427	521	603	678	749	814
6000	108	131	154	178	202	227	277	327	378	481	581	667	743	812	871
7000	121	147	173	200	227	254	309	364	419	528	631	718	790	850	896
8000	134	163	191	221	250	279	339	398	456	569	673	754	816	861	885
10000	159	192	226	259	293	326	393	457	519	631	724	781	804	792	739
12000	182	220	257	295	332	368	438	505	566	666	729	739	691	582	
14000	204	245	286	327	366	404	476	541	596	670	683	616			

## Belt width correction factors

Belt width (mm)	6	9	15
Width factors	1.00	1.66	2.97

Bold figures refer to standard widths.

## Belt length correction factors

Belt length (mm)	-190	191-260	261-400	401-599	600+
Length factors	0.8	0.9	1.0	1.1	1.2

Power ratings are based on a minimum of six teeth in mesh.

If you have less than this, you have to make an adjustment - see page 26.



# 5M POWER RATINGS - WATTS

rpm of faster shaft	Number of grooves in small pulley														
	14	16	18	20	24	28	32	36	40	44	48	56	64	72	80
	Pulley pitch diameter in mm														
	22.28	25.46	28.65	31.83	38.20	44.56	50.93	57.30	63.66	70.03	76.39	89.13	101.86	114.86	127.32
20	4	5	6	7	9	11	13	15	17	20	23	27	31	34	38
40	9	11	12	14	18	21	26	30	35	40	45	54	61	69	77
60	13	16	18	21	26	32	38	45	52	60	68	80	92	103	115
100	22	26	30	35	44	54	64	75	87	100	113	134	153	172	192
200	45	53	61	69	88	107	128	150	174	199	226	268	306	345	383
300	61	72	83	94	119	145	172	202	233	266	300	356	407	458	509
400	76	90	103	117	147	179	213	249	286	326	368	436	498	561	623
500	91	106	122	139	174	211	251	292	336	382	430	510	583	656	728
600	104	122	140	159	199	241	286	334	383	435	489	580	662	745	827
700	117	137	158	179	223	271	321	373	428	485	545	646	738	829	921
800	130	152	174	198	247	299	353	411	471	533	598	709	809	910	1010
870	139	162	186	211	263	318	376	437	500	566	634	751	858	965	1071
900	142	166	191	216	269	326	385	447	512	580	650	769	879	987	1096
1000	154	180	206	234	291	352	416	483	552	625	699	828	945	1062	1178
1160	173	201	231	262	326	393	464	537	614	694	776	918	1047	1176	1304
1200	177	207	237	268	334	403	475	551	629	710	794	939	1072	1204	1334
1400	199	232	266	301	375	451	532	615	702	791	884	1044	1191	1336	1480
1450	205	239	274	309	384	463	545	631	720	811	905	1070	1220	1368	1515
1600	221	257	295	333	414	498	586	677	771	869	969	1144	1303	1461	1617
1750	236	275	315	356	442	532	625	722	822	925	1030	1215	1384	1550	1713
1800	242	281	322	364	451	543	638	736	838	943	1050	1239	1410	1578	1745
2000	262	305	349	394	488	586	688	794	902	1014	1128	1329	1511	1689	1864
2400	301	350	400	451	558	669	784	902	1042	1148	1274	1497	1697	1891	2079
2800	338	393	449	506	625	748	874	1004	1137	1272	1408	1649	1863	2067	2262
3200	374	434	496	559	688	822	960	1100	1242	1386	1531	1786	2008	2217	2411
3600	409	474	541	609	749	893	1040	1190	1340	1492	1644	1908	2134	2340	2526
4000	443	513	585	658	808	961	1116	1274	1431	1589	1745	2015	2238	2436	2604
5000	523	605	688	772	943	1115	1288	1459	1628	1792	1951	2212	2402	2541	2623
6000	598	690	783	877	1064	1250	1433	1610	1778	1937	2084	2301	2411	2434	2358
7000	669	769	870	971	1171	1365	1550	1722	1880	2019	2137	2268	2245	2084	1766
8000	735	843	950	1057	1264	1459	1637	1794	1927	2031	2101	2100	1882		
10000	854	972	1088	1199	1403	1577	1714	1804	1842	1819	1729				
12000	956	1078	1193	1299	1476	1594	1643	1609							
14000	1039	1158	1264	1354	1473	1495	1403								



## Belt width correction factors

Belt width (mm)	9	15	25
Width factors	1.00	1.89	3.38

Bold figures refer to standard widths.

## Belt length correction factors

Belt length (mm)	-440	441-550	551-800	801-1100	1100+
Length factors	0.8	0.9	1.0	1.1	1.2

Power ratings are based on a minimum of six teeth in mesh.  
If you have less than this, you have to make an adjustment - see page 26.

# 8M POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley															
	22	24	26	28	30	32	34	36	38	40	44	48	56	64	72	80
	Pulley pitch diameter in mm															
	56.02	61.12	66.21	71.30	76.39	81.49	86.58	91.67	96.77	101.86	112.05	122.23	142.60	162.97	183.35	203.72
10	0.02	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.08	0.09	0.10	0.11
20	0.03	0.04	0.04	0.05	0.06	0.07	0.08	0.09	0.11	0.11	0.12	0.14	0.16	0.18	0.20	0.23
50	0.08	0.09	0.11	0.13	0.16	0.18	0.21	0.23	0.27	0.28	0.31	0.34	0.40	0.45	0.51	0.56
100	0.16	0.19	0.22	0.27	0.31	0.36	0.41	0.47	0.54	0.56	0.62	0.68	0.79	0.90	1.02	1.13
200	0.33	0.37	0.45	0.53	0.62	0.72	0.82	0.93	1.05	1.13	1.24	1.34	1.54	1.73	1.93	2.12
300	0.49	0.53	0.65	0.77	0.90	1.04	1.19	1.34	1.51	1.64	1.78	1.93	2.21	2.50	2.77	3.05
400	0.65	0.71	0.84	0.99	1.16	1.34	1.54	1.74	1.96	2.12	2.31	2.50	2.87	3.23	3.59	3.94
500	0.81	0.89	1.02	1.21	1.42	1.64	1.88	2.13	2.40	2.59	2.82	3.05	3.50	3.94	4.37	4.80
600	0.98	1.07	1.21	1.43	1.68	1.94	2.21	2.51	2.82	3.05	3.32	3.59	4.11	4.63	5.13	5.63
730	1.19	1.30	1.44	1.71	2.00	2.31	2.64	2.98	3.36	3.63	3.95	4.27	4.89	5.50	6.09	6.68
800	1.30	1.42	1.56	1.85	2.17	2.50	2.86	3.24	3.64	3.94	4.28	4.63	5.30	5.95	6.60	7.23
870	1.42	1.54	1.68	1.99	2.34	2.70	3.08	3.49	3.93	4.24	4.61	4.98	5.70	6.41	7.09	7.76
970	1.58	1.72	1.86	2.20	2.57	2.97	3.39	3.84	4.32	4.67	5.08	5.48	6.27	7.04	7.79	8.52
1000	1.63	1.77	1.92	2.26	2.64	3.05	3.49	3.95	4.44	4.80	5.22	5.63	6.44	7.23	7.99	8.74
1170	1.90	2.07	2.25	2.59	3.04	3.51	4.00	4.53	5.10	5.51	5.98	6.45	7.37	8.26	9.13	9.96
1200	1.95	2.13	2.30	2.65	3.11	3.59	4.09	4.63	5.21	5.63	6.12	6.60	7.53	8.44	9.32	10.17
1460	2.37	2.58	2.80	3.15	3.69	4.26	4.86	5.50	6.19	6.68	7.25	7.81	8.90	9.95	10.95	11.92
1600	2.60	2.83	3.06	3.41	4.00	4.61	5.26	5.95	6.70	7.23	7.84	8.44	9.61	10.72	11.79	12.80
1750	2.84	3.09	3.34	3.69	4.32	4.98	5.69	6.43	7.23	7.80	8.46	9.10	10.35	11.53	12.64	13.70
2000	3.24	3.52	3.81	4.18	4.85	5.59	6.37	7.21	8.11	8.74	9.47	10.17	11.53	12.80	13.99	15.08
2500	4.03	4.38	4.74	5.19	5.86	6.75	7.69	8.69	9.77	10.52	11.36	12.17	13.70	15.08	16.32	17.40
2920	4.68	5.09	5.50	6.02	6.66	7.66	8.73	9.86	11.08	11.92	12.84	13.71	15.31	16.71	17.89	18.83
3500					7.71	8.85	10.07	11.36	12.75	13.70	14.68	15.60	17.20	18.47		
4000						9.79	11.13	12.55	14.07	15.08	16.09	16.99	18.47			
4500							12.10	13.62	15.26	16.32	17.30	18.14				
5000								14.57	16.30	17.40	18.31	19.04				
5500									17.20	18.31	19.10					
6000										17.95	19.04	19.65				

Belt width correction factors				
Belt width (mm)	20	30	50	85
Width factors	1.00	1.58	2.74	4.76

Bold figures refer to standard widths.

Belt length correction factors					
Belt length (mm)	480-608	640-912	960-1216	1280-1760	1800-2800
Length factors	0.8	0.9	1.0	1.1	1.2

Power ratings are based on a minimum of six teeth in mesh.  
If you have less than this, you have to make an adjustment - see page 26.

# 14M POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley																
	28	29	30	32	34	36	38	40	44	48	52	56	60	64	68	72	80
	Pulley pitch diameter in mm																
	124.78	129.23	133.69	142.60	151.52	160.43	169.34	178.25	196.08	213.90	231.73	249.55	267.38	285.21	303.03	320.86	356.51
10	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.7	0.8
20	0.4	0.4	0.4	0.5	0.6	0.6	0.7	0.7	0.8	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.5
40	0.7	0.8	0.8	1.0	1.1	1.2	1.4	1.4	1.6	1.8	1.9	2.1	2.3	2.4	2.6	2.7	3.0
60	1.1	1.2	1.3	1.5	1.7	1.9	2.0	2.2	2.4	2.7	2.9	3.2	3.4	3.6	3.8	4.1	4.5
100	1.8	1.9	2.1	2.4	2.8	3.1	3.4	3.6	4.0	4.4	4.9	5.2	5.6	6.0	6.4	6.7	7.5
200	3.6	3.9	4.2	4.8	5.5	6.2	6.8	7.2	8.0	8.9	9.7	10.5	11.2	12.0	12.7	13.5	15.0
300	4.9	5.3	5.7	6.6	7.5	8.5	9.2	9.7	10.8	12.0	13.1	14.2	15.3	16.5	17.7	18.9	21.3
400	6.1	6.6	7.1	8.2	9.3	10.5	11.3	12.0	13.3	14.7	16.1	17.4	18.7	20.1	21.5	22.9	25.8
500	7.2	7.8	8.4	9.6	11.0	12.3	13.3	14.1	15.6	17.2	18.7	20.2	21.7	23.3	24.8	26.4	29.6
600	8.2	8.9	9.5	11.0	12.5	14.0	15.1	15.9	17.6	19.4	21.1	22.7	24.4	26.1	27.8	29.5	32.9
730	9.4	10.2	10.9	12.6	14.2	16.0	17.2	18.2	20.0	22.0	23.8	25.6	27.4	29.3	31.1	32.9	36.5
800	10.0	10.8	11.6	13.4	15.1	17.0	18.3	19.3	21.2	23.2	25.2	27.0	28.9	30.8	32.6	34.5	38.2
870	10.6	11.4	12.3	14.1	16.0	17.9	19.3	20.3	22.4	24.4	26.4	28.3	30.2	32.2	34.0	36.0	39.7
970	11.4	12.3	13.2	15.1	17.1	19.2	20.6	21.7	23.8	26.0	28.0	30.0	32.0	33.9	35.8	37.7	41.4
1000	11.6	12.5	13.5	15.4	17.5	19.6	21.0	22.1	24.3	26.5	28.5	30.5	32.5	34.4	36.3	38.2	41.9
1160	12.8	13.8	14.8	16.9	19.1	21.4	22.9	24.1	26.3	28.6	30.7	32.7	34.7	36.7	38.5	40.3	43.7
1200	13.1	14.1	15.1	17.3	19.5	21.8	23.4	24.5	26.8	29.1	31.2	33.2	35.2	37.1	38.9	40.7	44.1
1460	14.7	15.8	16.9	19.3	21.8	24.3	25.9	27.1	29.5	31.8	33.8	35.7	37.5	39.3	40.8	42.3	44.7
1600	15.4	16.6	17.8	20.3	22.8	25.4	27.1	28.3	30.6	32.9	34.8	36.6	38.3	39.8	41.1	42.3	44.0
1750	16.2	17.4	18.6	21.2	23.8	26.5	28.2	29.4	31.6	33.8	35.6	37.2	38.6	39.9	40.8	41.6	42.5
2000	17.3	18.5	19.8	22.5	25.2	28.0	29.6	30.8	32.8	34.7	36.2	37.3	38.2	38.9	39.1		
2500	20.8	21.4	22.0	24.2	26.9	29.7	31.2	32.0	33.4	34.4	34.7	34.4					
2920	23.6	24.2	24.8	26.0	27.4	30.0	31.1	31.6	31.9	31.7							
3500			28.1	29.1	30.0	30.7	31.2	31.6									
4000				30.9	31.4												



## Belt width correction factors

Belt width (mm)	40	55	85	115	170
Width factors	1.00	1.50	2.50	3.48	5.29

Bold figures refer to standard widths.

## Belt length correction factors

Belt length (mm)	966-1190	1400-1610	1778-1904	2100-2450	2590-3150	3500-4578
Length factors	0.8	0.9	0.95	1.0	1.05	1.1

Power ratings are based on a minimum of six teeth in mesh.  
If you have less than this, you have to make an adjustment - see page 26.

# 20M POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley													
	34	36	38	40	44	48	52	56	60	64	68	72	80	90
	Pulley pitch diameter in mm													
	216.45	229.18	241.92	254.65	280.11	305.58	331.04	365.51	381.87	407.44	432.90	458.37	509.30	572.96
10	2.0	2.2	2.3	2.5	2.7	3.0	3.2	3.4	3.7	3.8	4.0	4.2	4.6	5.0
20	4.0	4.3	4.6	4.8	5.4	5.9	6.4	6.9	7.3	7.7	8.1	8.4	9.2	10.0
30	6.0	6.5	6.9	7.3	8.1	8.9	9.6	10.3	11.0	11.5	12.1	12.6	13.7	15.1
40	8.0	8.6	9.2	9.8	10.8	11.8	12.8	13.8	14.5	15.4	16.1	16.9	18.3	20.1
50	10.0	10.7	11.4	12.2	13.5	14.8	16.0	17.2	18.2	19.2	20.1	21.0	22.9	25.1
60	12.0	12.9	13.7	14.6	16.3	17.7	19.2	20.7	21.9	23.0	24.2	25.3	27.5	30.1
80	16.0	17.2	18.3	19.5	21.6	23.6	25.6	27.5	29.2	30.7	32.2	33.6	36.6	40.1
100	20.0	21.5	22.9	24.3	27.1	29.5	31.9	34.4	36.4	38.3	40.2	42.1	45.7	50.1
150	30.1	32.2	34.3	36.5	40.6	44.2	47.9	51.6	54.6	57.4	60.3	63.0	68.5	75.0
200	40.1	43.0	45.7	48.6	54.0	58.9	63.9	68.7	72.7	76.5	80.2	83.9	91.1	99.7
300	58.0	62.3	66.2	70.3	78.9	87.8	93.5	99.1	104.7	110.0	115.3	120.4	130.4	142.3
400	73.0	78.3	83.2	88.4	99.0	110.0	117.0	123.8	130.4	136.8	143.1	149.2	161.0	174.8
500	87.0	93.3	99.0	105.1	117.6	130.4	138.4	146.1	153.7	161.0	168.0	174.8	187.7	202.5
600	100.2	107.3	113.8	120.7	134.7	149.2	158.1	166.6	174.8	182.6	190.2	197.3	210.7	225.7
730	116.2	124.2	131.6	139.4	155.3	171.6	181.2	190.4	199.1	207.3	215.0	222.2	235.2	248.6
800	124.3	132.9	140.6	148.8	165.5	182.6	192.6	201.9	210.7	219.0	226.6	233.6	245.7	257.4
870	132.0	141.1	149.2	157.9	175.3	193.1	203.2	212.6	221.3	229.4	236.8	243.3	254.3	263.6
970	142.6	152.2	160.8	169.9	188.3	206.9	217.1	226.3	234.8	242.3	248.9	254.6	263.0	
1170	161.9	172.3	181.6	191.4	211.0	230.5	240.1	248.3	255.1	260.6	264.6	267.1	267.4	
1200	164.6	175.1	184.5	194.3	214.0	233.6	242.9	250.9	257.4	262.4	265.9	267.1	266.5	
1460	185.5	196.6	206.2	216.3	236.0	255.0	261.5	265.9	268.0	267.5	264.5			
1600	194.9	206.1	215.6	225.5	244.5	262.4	266.7	268.0	266.5					
1750	203.7	214.7	223.8	233.3	251.0	267.0	268.0	265.4						
2000	214.9	225.1	233.1	241.3	255.4	266.5								

Belt width correction factors					
Belt width (mm)	115	170	230 (≥ 38 teeth)	290 (≥ 52 teeth)	340 (≥ 52 teeth)
Width factors	1.0	1.55	2.15	2.80	3.26

Bold figures refer to standard widths.

Belt length correction factors						
Belt length (mm)	2000	2500	3400	3800-4600	5000-5600	580-6200
Length factors	0.8	0.85	0.95	1.0	1.05	1.1

Power ratings are based on a minimum of six teeth in mesh.  
If you have less than this, you have to make an adjustment - see page 26.



# MXL POWER RATINGS - WATTS

rpm of faster shaft	Number of grooves in small pulley																		
	10	12	14	15	16	18	20	22	24	28	30	32	36	40	42	48	60	72	80
	Pulley pitch diameter in mm																		
	6.47	7.76	9.06	9.70	10.35	11.64	12.94	14.23	15.52	18.11	19.40	20.70	23.29	25.87	27.17	31.05	38.81	46.57	51.74
10	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.13	0.14	0.14	0.16	0.18	0.19	0.22	0.27	0.33	0.36
40	0.18	0.22	0.25	0.27	0.29	0.33	0.36	0.40	0.43	0.51	0.54	0.58	0.65	0.72	0.76	0.87	1.08	1.30	1.45
60	0.27	0.33	0.38	0.41	0.43	0.49	0.54	0.60	0.65	0.76	0.81	0.87	0.98	1.08	1.14	1.30	1.63	1.95	2.17
100	0.45	0.54	0.63	0.68	0.72	0.81	0.90	0.99	1.08	1.27	1.36	1.45	1.63	1.81	1.90	2.17	2.71	3.25	3.62
200	0.90	1.08	1.27	1.36	1.45	1.63	1.81	1.99	2.17	2.53	2.71	2.89	3.25	3.62	3.80	4.34	5.42	6.51	7.23
400	1.81	2.17	2.53	2.71	2.89	3.25	3.62	3.98	4.34	5.06	5.42	5.78	6.51	7.23	7.59	8.68	10.85	13.02	14.46
600	2.71	3.25	3.80	4.07	4.34	4.88	5.42	5.97	6.51	7.59	8.13	8.68	9.76	10.85	11.39	13.02	16.27	19.52	21.69
800	3.62	4.34	5.06	5.43	5.78	6.51	7.23	7.95	8.68	10.12	10.85	11.57	13.02	14.46	15.18	17.35	21.69	26.03	28.92
1000	4.52	5.42	6.33	6.78	7.23	8.13	9.04	9.94	10.85	12.65	13.56	14.46	16.27	18.08	18.98	21.69	27.12	32.54	36.15
1200	5.42	6.51	7.60	8.14	8.68	9.76	10.85	11.93	13.02	15.18	16.27	17.35	19.52	21.69	22.78	26.03	32.54	39.05	43.38
1400	6.33	7.59	8.86	9.49	10.12	11.39	12.65	13.92	15.18	17.72	18.98	20.25	22.78	25.31	26.57	30.37	37.96	45.55	50.61
1600	7.23	8.68	10.1	10.9	11.57	13.02	14.46	15.91	17.35	20.25	21.69	23.14	26.03	28.92	30.37	34.71	43.38	52.06	57.85
1800	8.13	9.76	11.4	12.2	13.02	14.64	16.27	17.90	19.52	22.78	24.40	26.03	29.28	32.54	34.16	39.05	48.81	58.57	65.08
2000	9.04	10.85	12.7	13.6	14.46	16.27	18.08	19.88	21.69	25.31	27.12	28.92	32.54	36.15	37.96	43.38	54.23	65.08	72.31
2400	10.85	13.02	15.2	16.3	17.35	19.52	21.69	23.86	26.03	30.37	32.54	34.71	39.05	43.38	45.55	52.06	65.08	78.09	86.77
2800	12.65	15.18	17.7	19.0	20.25	22.78	25.31	27.84	30.37	35.43	37.96	40.49	45.55	50.61	53.15	60.74	75.92	91.11	101.23
3200	14.46	17.35	20.3	21.7	23.14	26.03	28.92	31.81	34.71	40.49	43.38	46.28	52.06	57.85	60.74	69.41	86.77	104.12	115.69
3600	16.27	19.52	22.8	24.4	26.03	29.28	32.54	35.79	39.05	45.55	48.81	52.06	58.57	65.08	68.33	78.09	97.61	117.14	130.15
4000	18.08	21.69	25.3	27.1	28.92	32.54	36.15	39.77	43.38	50.61	54.23	57.85	65.08	72.31	75.92	86.77	108.46	130.15	144.61
5000	22.60	27.12	31.6	33.9	36.15	40.67	45.19	49.71	54.23	63.27	67.79	72.31	81.35	90.38	94.90	108.46	135.58	162.69	180.77
6000	27.12	32.54	38.0	40.7	43.38	48.81	54.23	59.65	65.08	75.92	81.35	86.77	97.61	108.46	113.88	130.15	162.69	195.23	216.92
8000	36.15	43.38	50.6	54.3	57.85	65.08	72.31	79.54	86.77	101.23	108.46	115.69	130.15	144.61	151.84	173.54	216.92	260.30	289.23
10000	45.19	54.23	63.3	67.8	72.31	81.35	90.38	99.42	108.46	126.54	135.58	144.61	162.69	180.77	189.81	216.92	271.15	325.38	361.53
12000	54.23	65.08	76.0	81.4	86.77	97.61	108.46	119.31	130.15	151.84	162.69	173.54	195.23	216.92	227.77	260.30	325.38	390.46	433.84
14000	63.27	75.92	88.6	94.9	101.23	113.88	126.54	139.19	151.84	177.15	189.81	202.46	227.77	253.07	265.73	303.69	379.61	455.53	506.15

4  
TRAD

## Belt width correction factors

Belt width (code)	012	019	025	037	050	062	075	100
Width factors	1	1.7	2.7	4	5.7	7.4	8.7	12.4

Bold figures refer to standard widths.

Power ratings are based on a minimum of six teeth in mesh.

If you have less than this, you have to make an adjustment - see page 26.

# XL POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley												
	10	11	12	14	15	16	18	20	21	22	24	28	30
	Pulley pitch diameter in mm												
	16.17	17.79	19.40	22.64	24.26	25.87	29.11	32.34	33.96	35.57	38.81	45.28	48.51
100	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.04	0.04	0.04
200	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
300	0.04	0.05	0.05	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.10	0.13	0.13
400	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.12	0.13	0.13	0.14	0.17	0.18
500	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.16	0.16	0.18	0.22	0.22
600	0.09	0.10	0.10	0.13	0.13	0.14	0.16	0.18	0.19	0.20	0.22	0.25	0.28
700	0.10	0.11	0.13	0.15	0.16	0.17	0.19	0.21	0.22	0.23	0.25	0.30	0.32
800	0.12	0.13	0.14	0.17	0.18	0.19	0.22	0.25	0.25	0.27	0.30	0.34	0.37
900	0.13	0.15	0.16	0.19	0.20	0.22	0.25	0.28	0.29	0.30	0.33	0.38	0.41
1000	0.15	0.16	0.18	0.22	0.23	0.25	0.28	0.31	0.32	0.34	0.37	0.43	0.46
1100	0.16	0.19	0.19	0.23	0.25	0.27	0.30	0.34	0.35	0.37	0.40	0.47	0.51
1160	0.17	0.19	0.21	0.25	0.27	0.28	0.31	0.34	0.37	0.39	0.42	0.49	0.53
1200	0.18	0.20	0.22	0.25	0.28	0.29	0.33	0.37	0.39	0.40	0.44	0.51	0.55
1300	0.19	0.22	0.23	0.28	0.30	0.31	0.36	0.40	0.42	0.43	0.48	0.55	0.60
1400	0.21	0.23	0.25	0.30	0.32	0.34	0.39	0.43	0.45	0.47	0.51	0.60	0.64
1500	0.22	0.25	0.27	0.32	0.34	0.37	0.41	0.46	0.48	0.50	0.55	0.64	0.69
1160	0.25	0.27	0.30	0.34	0.37	0.40	0.44	0.48	0.51	0.54	0.59	0.68	0.73
1700	0.26	0.28	0.31	0.37	0.39	0.42	0.47	0.50	0.54	0.57	0.62	0.72	0.78
1750	0.27	0.29	0.32	0.37	0.40	0.43	0.48	0.54	0.56	0.59	0.64	0.75	0.80
1800	0.28	0.30	0.33	0.38	0.41	0.44	0.49	0.55	0.57	0.60	0.66	0.77	0.82
2000	0.31	0.34	0.37	0.43	0.46	0.48	0.55	0.61	0.64	0.67	0.73	0.86	0.92
2200	0.34	0.37	0.40	0.47	0.51	0.54	0.60	0.67	0.70	0.74	0.81	0.93	1.00
2400	0.37	0.40	0.44	0.51	0.55	0.59	0.66	0.73	0.77	0.80	0.88	1.02	1.09
2600	0.40	0.43	0.48	0.55	0.60	0.63	0.72	0.79	0.84	0.87	0.93	1.10	1.18
2800	0.43	0.47	0.51	0.60	0.64	0.69	0.77	0.86	0.90	0.94	1.02	1.19	1.28
3000	0.46	0.50	0.55	0.64	0.69	0.73	0.82	0.92	0.95	1.00	1.09	1.28	1.36
3200	0.48	0.54	0.59	0.68	0.73	0.78	0.88	0.97	1.02	1.07	1.16	1.35	1.45
3400	0.51	0.57	0.62	0.72	0.78	0.83	0.93	1.03	1.08	1.13	1.24	1.43	1.53
3500	0.54	0.59	0.64	0.75	0.80	0.86	0.95	1.06	1.11	1.17	1.28	1.48	1.57
3600	0.55	0.60	0.66	0.77	0.82	0.88	0.98	1.09	1.15	1.20	1.31	1.51	1.61
3800	0.58	0.62	0.69	0.81	0.87	0.93	1.04	1.15	1.21	1.27	1.37	1.59	1.69
4000	0.61	0.67	0.73	0.86	0.92	0.97	1.09	1.22	1.28	1.33	1.45	1.67	1.78
4200	0.64	0.70	0.77	0.90	0.95	1.02	1.14	1.28	1.33	1.39	1.51	1.75	1.86
4400	0.67	0.74	0.81	0.93	1.00	1.07	1.20	1.33	1.39	1.45	1.58	1.83	1.95
4600	0.70	0.77	0.84	0.98	1.04	1.12	1.25	1.39	1.45	1.52	1.65	1.90	2.02
4800	0.73	0.80	0.88	1.02	1.09	1.16	1.31	1.45	1.51	1.59	1.72	1.98	2.10
5000	0.76	0.84	0.92	1.06	1.13	1.22	1.36	1.50	1.57	1.64	1.78	2.05	2.18
5500					1.25	1.33	1.49	1.64	1.72	1.80	1.95	2.23	2.37
6000					1.36	1.45	1.61	1.78	1.86	1.95	2.10	2.41	2.54
6500					1.46	1.56	1.75	1.92	2.01	2.09	2.26	2.55	2.72

Power ratings are based on a minimum of six teeth in mesh.  
If you have less than this, you have to make an adjustment - see page 26.



# XL POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley												
	10	11	12	14	15	16	18	20	21	22	24	28	30
	Pulley pitch diameter in mm												
	16.17	17.79	19.40	22.64	24.26	25.87	29.11	32.34	33.96	35.57	38.81	45.28	48.51
7000					1.57	1.67	1.86	2.05	2.14	2.23	2.41	2.72	2.86
7500					1.68	1.78	1.98	2.18	2.28	2.37	2.54	2.86	3.01
8000							2.10	2.31	2.41	2.49	2.68	3.00	3.14
8500							2.22	2.43	2.53	2.63	2.80	3.13	3.26
9000							2.33	2.54	2.65	2.75	2.92	3.24	3.36
9500							2.45	2.66	2.76	2.86	3.04	3.33	3.45
10000							2.54	2.77	2.86	2.96	3.14	3.42	3.52

Belt width correction factors												
Belt width (code)	025	031	037	043	050	062	075	087	100	125	150	
Width factors	<b>0.15</b>	<b>0.21</b>	<b>0.28</b>	0.35	0.42	0.57	0.71	0.86	1.00	1.29	1.56	

Bold figures refer to standard widths.

# L POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley																				
	10	12	13	14	15	16	17	18	19	20	21	22	24	26	28	30	32	36	40	44	48
	Pulley pitch diameter in mm																				
	30.32	36.38	39.41	42.45	45.48	48.51	51.54	54.57	57.61	60.64	63.67	66.70	72.77	78.83	84.89	90.96	97.02	109.15	121.28	133.40	145.53
100	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.19
200	0.07	0.10	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.28	0.31	0.34	0.37
300	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.25	0.25	0.28	0.31	0.33	0.35	0.37	0.42	0.47	0.51	0.56
400	0.16	0.19	0.20	0.22	0.23	0.25	0.26	0.28	0.30	0.31	0.33	0.34	0.37	0.40	0.43	0.46	0.50	0.56	0.62	0.69	0.75
500	0.19	0.23	0.25	0.28	0.29	0.31	0.33	0.35	0.37	0.39	0.41	0.43	0.47	0.51	0.54	0.58	0.62	0.70	0.78	0.85	0.93
600	0.23	0.33	0.31	0.33	0.35	0.37	0.40	0.42	0.44	0.47	0.49	0.51	0.56	0.60	0.65	0.70	0.75	0.84	0.93	1.01	1.11
700	0.28	0.33	0.35	0.38	0.41	0.43	0.46	0.49	0.51	0.54	0.57	0.60	0.65	0.71	0.76	0.81	0.87	0.97	1.08	1.19	1.29
800	0.31	0.37	0.40	0.43	0.46	0.50	0.53	0.56	0.59	0.62	0.65	0.69	0.75	0.81	0.87	0.93	0.98	1.11	1.23	1.35	1.47
870	0.34	0.40	0.44	0.47	0.51	0.54	0.57	0.61	0.64	0.68	0.71	0.75	0.81	0.87	0.94	1.01	1.07	1.20	1.34	1.46	1.60
900	0.35	0.42	0.46	0.49	0.52	0.56	0.60	0.63	0.66	0.70	0.73	0.77	0.84	0.90	0.97	1.04	1.11	1.25	1.38	1.51	1.65
1000	0.39	0.46	0.51	0.54	0.58	0.62	0.66	0.70	0.74	0.78	0.81	0.85	0.93	1.00	1.08	1.16	1.23	1.38	1.53	1.68	1.82
1100	0.43	0.51	0.56	0.60	0.64	0.69	0.72	0.77	0.81	0.85	0.90	0.93	1.01	1.10	1.19	1.27	1.35	1.51	1.68	1.84	1.99
1160	0.45	0.54	0.59	0.63	0.68	0.72	0.77	0.81	0.85	0.90	0.94	0.98	1.07	1.16	1.25	1.34	1.42	1.60	1.76	1.93	2.10
1200	0.47	0.56	0.60	0.66	0.70	0.75	0.79	0.84	0.88	0.93	0.97	1.01	1.11	1.20	1.29	1.38	1.47	1.65	1.82	1.99	2.16
1300	0.51	0.60	0.66	0.71	0.75	0.81	0.86	0.90	0.95	1.00	1.05	1.10	1.20	1.30	1.40	1.49	1.59	1.78	1.96	2.15	2.33
1400	0.54	0.65	0.71	0.76	0.81	0.87	0.92	0.97	1.03	1.08	1.13	1.19	1.29	1.40	1.50	1.60	1.71	1.91	2.10	2.31	2.49
1500	0.58	0.70	0.76	0.81	0.87	0.93	0.98	1.04	1.10	1.16	1.21	1.27	1.38	1.49	1.60	1.72	1.82	2.04	2.25	2.45	2.65
1600	0.62	0.75	0.81	0.87	0.93	0.98	1.05	1.11	1.17	1.23	1.29	1.35	1.47	1.59	1.70	1.82	1.94	2.16	2.39	2.60	2.80
1700	0.66	0.79	0.86	0.92	0.98	1.05	1.11	1.18	1.24	1.31	1.37	1.43	1.56	1.69	1.81	1.93	2.05	2.29	2.52	2.75	2.96
1750	0.68	0.81	0.87	0.95	1.01	1.08	1.15	1.21	1.28	1.34	1.41	1.48	1.60	1.73	1.86	1.98	2.11	2.35	2.59	2.81	3.03
1800		0.84	0.90	0.97	1.04	1.11	1.18	1.25	1.31	1.38	1.45	1.51	1.65	1.78	1.91	2.04	2.16	2.41	2.65	2.88	3.10
1900		0.88	0.95	1.03	1.10	1.17	1.24	1.31	1.38	1.45	1.52	1.60	1.73	1.87	2.01	2.14	2.28	2.53	2.78	3.02	3.25
2000		0.93	1.01	1.08	1.16	1.23	1.31	1.38	1.45	1.53	1.60	1.68	1.82	1.96	2.10	2.25	2.38	2.66	2.90	3.16	3.39
2200		1.01	1.10	1.19	1.27	1.35	1.43	1.51	1.60	1.68	1.75	1.84	1.99	2.15	2.30	2.45	2.60	2.88	3.16	3.41	3.65
2400		1.11	1.20	1.29	1.38	1.47	1.56	1.65	1.73	1.82	1.91	1.99	2.16	2.33	2.49	2.66	2.80	3.11	3.39	3.65	3.89
2500		1.16	1.25	1.34	1.43	1.53	1.62	1.72	1.81	1.89	1.98	2.07	2.25	2.42	2.59	2.75	2.91	3.21	3.50	3.76	3.99
2600		1.20	1.30	1.40	1.49	1.59	1.69	1.78	1.87	1.96	2.06	2.15	2.33	2.51	2.68	2.84	3.01	3.31	3.60	3.86	4.09
2800		1.29	1.40	1.50	1.60	1.71	1.81	1.91	2.01	2.10	2.21	2.31	2.49	2.68	2.86	3.03	3.20	3.51	3.80	4.06	4.27
3000		1.38	1.49	1.60	1.71	1.82	1.93	2.04	2.14	2.25	2.35	2.45	2.65	2.84	3.03	3.21	3.39	3.71	3.99	4.24	4.43
3200			1.59	1.70	1.82	1.94	2.04	2.16	2.27	2.38	2.49	2.60	2.80	3.01	3.20	3.39	3.56	3.88	4.16	4.39	4.56
3400			1.69	1.81	1.92	2.05	2.17	2.29	2.40	2.51	2.63	2.74	2.96	3.16	3.36	3.55	3.72	4.04	4.31	4.51	4.65
3500			1.73	1.86	1.98	2.11	2.23	2.35	2.47	2.58	2.70	2.81	3.03	3.25	3.44	3.63	3.80	4.12	4.38	4.57	4.68
3600				1.90	2.04	2.16	2.29	2.41	2.53	2.65	2.77	2.88	3.10	3.32	3.52	3.71	3.89	4.19	4.44	4.61	4.71
3800				2.01	2.13	2.26	2.40	2.54	2.66	2.78	2.90	3.02	3.25	3.46	3.66	3.85	4.03	4.32	4.54	4.68	4.72
4000				2.11	2.24	2.39	2.51	2.66	2.78	2.90	3.03	3.16	3.39	3.60	3.80	3.98	4.16	4.43	4.63	4.72	4.71
4200					2.35	2.49	2.63	2.78	2.89	3.03	3.16	3.28	3.52	3.74	3.94	4.12	4.28	4.54	4.68	4.74	4.65
4400					2.45	2.60	2.74	2.88	3.01	3.15	3.28	3.41	3.65	3.87	4.06	4.24	4.39	4.61	4.72	4.71	4.54
4600					2.54	2.71	2.85	2.99	3.13	3.27	3.40	3.53	3.77	3.98	4.17	4.34	4.48	4.67	4.74	4.65	4.39
4800					2.64	2.81	2.95	3.11	3.25	3.39	3.52	3.65	3.88	4.09	4.27	4.43	4.57	4.71	4.71	4.55	4.20
5000					2.74	2.92	3.06	3.22	3.36	3.49	3.63	3.76	3.99	4.20	4.37	4.52	4.63	4.73	4.67	4.42	3.95

Power ratings are based on a minimum of six teeth in mesh.  
If you have less than this, you have to make an adjustment - see page 26.



# L POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley																				
	10	12	13	14	15	16	17	18	19	20	21	22	24	26	28	30	32	36	40	44	48
	Pulley pitch diameter in mm																				
	30.32	36.38	39.41	42.45	45.48	48.51	51.54	54.57	57.61	60.64	63.67	66.70	72.77	78.83	84.89	90.96	97.02	109.15	121.28	133.40	145.53
5200					2.84	3.01	3.16	3.32	3.45	3.60	3.74	3.86	4.09	4.30	4.46	4.59	4.68	4.73	4.60	4.24	3.66
5400					2.93	3.11	3.26	3.42	3.56	3.70	3.83	3.96	4.19	4.39	4.53	4.65	4.71	4.70	4.48	4.04	3.31
5600					3.02	3.20	3.36	3.52	3.66	3.80	3.94	4.06	4.27	4.46	4.60	4.68	4.73	4.66	4.35	3.77	2.90
5800					3.11	3.30	3.45	3.61	3.76	3.89	4.03	4.16	4.36	4.53	4.65	4.71	4.73	4.58	4.18	3.48	2.44
6000					3.20	3.39	3.54	3.71	3.84	3.98	4.12	4.24	4.42	4.59	4.68	4.74	4.72	4.48	3.97	3.13	1.92

Belt width correction factors												
Belt width (code)	037	050	062	075	087	100	125	150	175	200	250	300
Width factors	0.28	<b>0.42</b>	0.57	<b>0.71</b>	0.86	<b>1.0</b>	1.29	1.56	1.84	2.14	2.72	3.36

Bold figures refer to standard widths.

Power ratings are based on a minimum of six teeth in mesh.  
If you have less than this, you have to make an adjustment - see page 26.

# H POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley																
	14	16	17	18	19	20	21	22	24	26	28	30	32	36	40	44	48
	Pulley pitch diameter in mm																
	56.60	64.68	68.72	72.77	76.81	80.85	84.89	88.94	97.02	105.11	113.19	121.28	129.36	145.53	161.70	177.87	194.04
100	0.19	0.21	0.22	0.24	0.25	0.26	0.28	0.29	0.31	0.34	0.37	0.40	0.43	0.48	0.53	0.58	0.63
200	0.37	0.43	0.45	0.48	0.50	0.53	0.55	0.58	0.63	0.69	0.74	0.79	0.84	0.95	1.05	1.16	1.27
300	0.55	0.63	0.67	0.72	0.75	0.79	0.83	0.87	0.95	1.03	1.11	1.19	1.27	1.42	1.58	1.74	1.89
400	0.74	0.84	0.90	0.95	1.00	1.05	1.11	1.16	1.27	1.37	1.48	1.58	1.69	1.89	2.10	2.31	2.52
500	0.93	1.05	1.12	1.19	1.25	1.32	1.39	1.45	1.58	1.72	1.84	1.98	2.10	2.36	2.63	2.89	3.15
600	1.11	1.27	1.34	1.42	1.51	1.58	1.66	1.74	1.89	2.05	2.21	2.36	2.52	2.83	3.15	3.46	3.77
700	1.29	1.48	1.57	1.66	1.75	1.84	1.93	2.03	2.21	2.39	2.57	2.76	2.94	3.30	3.66	4.03	4.39
800	1.48	1.69	1.79	1.89	2.00	2.10	2.21	2.31	2.52	2.73	2.94	3.15	3.36	3.77	4.18	4.59	4.99
870	1.60	1.84	1.95	2.06	2.17	2.29	2.40	2.51	2.75	2.97	3.19	3.42	3.65	4.10	4.54	4.98	5.42
900	1.66	1.89	2.01	2.13	2.25	2.36	2.48	2.60	2.83	3.07	3.30	3.54	3.77	4.23	4.69	5.14	5.59
1000	1.84	2.10	2.24	2.36	2.50	2.63	2.76	2.89	3.15	3.41	3.66	3.92	4.18	4.69	5.19	5.69	6.19
1100	2.03	2.31	2.46	2.60	2.75	2.89	3.03	3.18	3.46	3.74	4.03	4.30	4.59	5.15	5.69	6.24	6.77
1160	2.13	2.44	2.59	2.75	2.89	3.04	3.19	3.34	3.65	3.94	4.24	4.54	4.83	5.42	5.99	6.56	7.12
1200		2.52	2.68	2.83	2.99	3.15	3.30	3.46	3.77	4.07	4.39	4.69	4.99	5.59	6.19	6.70	7.36
1300		2.73	2.90	3.07	3.24	3.41	3.57	3.74	4.07	4.41	4.74	5.07	5.39	6.04	6.68	7.30	7.92
1400		2.94	3.13	3.30	3.48	3.66	3.84	4.02	4.38	4.74	5.10	5.45	5.80	6.48	7.16	7.83	8.47
1500		3.15	3.34	3.54	3.73	3.92	4.11	4.30	4.68	5.07	5.45	5.82	6.19	6.92	7.64	8.34	9.02
1600		3.36	3.57	3.77	3.98	4.18	4.38	4.59	4.99	5.39	5.80	6.19	6.58	7.36	8.11	8.84	9.55
1700		3.56	3.78	4.00	4.21	4.43	4.65	4.86	5.30	5.72	6.14	6.56	6.97	7.78	8.57	9.33	10.07
1750		3.66	3.89	4.12	4.33	4.56	4.78	5.01	5.45	5.88	6.31	6.74	7.16	7.99	8.80	9.58	10.32
1800		3.77	4.00	4.23	4.46	4.68	4.92	5.14	5.59	6.04	6.48	6.92	7.36	8.20	9.02	9.81	10.58
1900		4.04	4.22	4.46	4.70	4.94	5.18	5.42	5.89	6.36	6.83	7.28	7.73	8.62	9.47	10.28	11.06
2000		4.18	4.44	4.68	4.94	5.19	5.45	5.69	6.18	6.68	7.16	7.64	8.11	9.03	9.90	10.74	11.53
2100				4.92	5.18	5.44	5.71	5.97	6.48	6.99	7.50	7.99	8.47	9.42	10.32	11.18	12.00
2200				5.14	5.42	5.69	5.97	6.24	6.77	7.30	7.83	8.34	8.84	9.82	10.74	11.62	12.43
2300				5.37	5.65	5.94	6.22	6.51	7.06	7.62	8.15	8.68	9.20	10.21	11.15	12.03	12.85
2400				5.59	5.89	6.18	6.48	6.77	7.35	7.92	8.48	9.02	9.55	10.58	11.53	12.43	13.25
2500				5.82	6.12	6.43	6.74	7.04	7.63	8.22	8.80	9.35	9.90	10.95	11.92	12.82	13.63
2600				6.04	6.36	6.68	6.99	7.30	7.92	8.52	9.12	9.68	10.24	11.31	12.29	13.18	13.99
2800				6.48	6.82	7.15	7.49	7.83	8.47	9.11	9.74	10.32	10.90	12.00	12.99	13.88	14.64
3000				6.92	7.27	7.63	7.98	8.34	9.01	9.68	10.33	10.94	11.53	12.65	13.63	14.49	15.20
3200				7.35	7.73	8.09	8.47	8.84	9.54	10.24	10.91	11.53	12.14	13.26	14.22	15.02	15.66
3400				7.78	8.17	8.56	8.94	9.33	10.06	10.78	11.47	12.10	12.70	13.82	14.74	15.48	16.01
3500				7.99	8.39	8.78	9.18	9.58	10.31	11.04	11.74	12.38	12.98	14.09	14.98	15.67	16.14
3600						9.00	9.41	9.82	10.56	11.30	12.00	12.64	13.24	14.34	15.20	15.85	16.24
3800						9.45	9.87	10.29	11.05	11.80	12.52	13.15	13.74	14.81	15.58	16.11	16.35
4000						9.88	10.31	10.74	11.52	12.28	13.00	13.63	14.20	15.22	15.90	16.29	16.34
4200						10.30	10.75	11.19	11.97	12.74	13.47	14.08	14.63	15.58	16.13	16.36	16.19
4400						10.71	11.17	11.62	12.41	13.18	13.89	14.49	15.01	15.87	16.29	16.32	15.90
4600						11.12	11.58	12.03	12.82	13.59	14.29	14.85	15.35	16.10	16.35	16.17	15.46
4800						11.50	11.97	12.44	13.21	13.98	14.67	15.20	15.64	16.27	16.33	15.89	14.87
5000						11.88	12.35	12.82	13.59	14.35	15.01	15.49	15.88	16.37	16.21	15.49	



Power ratings are based on a minimum of six teeth in mesh.  
If you have less than this, you have to make an adjustment - see page 26.

# H POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley																
	14	16	17	18	19	20	21	22	24	26	28	30	32	36	40	44	48
	Pulley pitch diameter in mm																
	56.60	64.68	68.72	72.77	76.81	80.85	84.89	88.94	97.02	105.11	113.19	121.28	129.36	145.53	161.70	177.87	194.04
5200						12.24	12.72	13.20	13.94	14.68	15.32	15.75	16.07	16.40	15.99	14.96	
5400						12.60	13.08	13.55	14.27	14.99	15.59	15.96	16.21	16.36	15.68		
5600						12.94	13.41	13.88	14.58	15.27	15.83	16.13	16.30	16.23	15.26		
5800						13.26	13.73	14.20	14.87	15.52	16.03	16.25	16.33	16.04	14.73		
6000						13.57	14.04	14.50	15.12	15.74	16.19	16.32	16.30	15.76			

Belt width correction factors																	
Belt width (code)	050	062	075	087	100	125	150	175	200	250	300	350	400	500	600	800	
Width factors	<b>0.42</b>	<b>0.57</b>	<b>0.71</b>	0.86	<b>1.0</b>	1.29	<b>1.56</b>	1.84	<b>2.14</b>	2.72	<b>3.36</b>	4.06	4.76	6.15	7.5	10.32	

Bold figures refer to standard widths.

# XH POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley								
	18	20	22	24	26	28	30	32	40
	Pulley pitch diameter in mm								
	127.34	141.49	155.64	169.79	183.94	198.08	212.23	226.38	282.98
100	0.57	0.63	0.69	0.75	0.83	0.88	0.94	1.00	1.25
200	1.13	1.25	1.38	1.51	1.63	1.76	1.88	2.01	2.51
300	1.70	1.88	2.07	2.26	2.45	2.64	2.82	3.01	3.74
400	2.26	2.51	2.76	3.01	3.26	3.51	3.74	4.00	4.97
480	2.71	3.01	3.30	3.60	3.89	4.19	4.48	4.77	5.93
500	2.82	3.13	3.44	3.74	4.06	4.36	4.67	5.01	6.16
510	2.88	3.20	3.51	3.82	4.13	4.45	4.75	5.07	6.28
570	3.21	3.56	3.92	4.27	4.60	4.96	5.30	5.64	6.98
600	3.38	3.74	4.12	4.48	4.85	5.21	5.57	5.93	7.33
680	3.82	4.24	4.66	5.07	5.48	5.88	6.28	6.68	8.24
700	3.93	4.36	4.79	5.21	5.62	6.04	6.46	6.87	8.47
800	4.48	4.96	5.45	5.93	6.41	6.87	7.33	7.79	9.55
870	4.86	5.39	5.91	6.42	6.93	7.44	7.93	8.42	10.29
900	5.03	5.57	6.11	6.64	7.15	7.68	8.18	8.68	10.58
1000	5.57	6.16	6.75	7.33	7.90	8.47	9.01	9.55	11.57
1100	6.11	6.75	7.39	8.02	8.62	9.24	9.81	10.38	12.49
1160	6.42	7.09	7.77	8.42	9.05	9.68	10.29	10.87	13.01
1200		7.33	8.02	8.68	9.33	9.97	10.66	11.18	13.35
1300		7.90	8.63	9.33	10.03	10.68	11.32	11.94	14.13
1400		8.47	9.23	9.97	10.68	11.38	12.04	12.67	14.82
1500		9.01	9.81	10.59	11.32	12.04	12.70	13.35	15.45
1600		9.55	10.38	11.18	11.94	12.67	12.79	14.04	15.98
1700		10.07	10.94	11.76	12.53	13.26	13.94	14.55	16.40
1750		10.33	11.21	12.04	12.81	13.55	14.22	14.82	16.58
1800			11.47	12.32	13.10	13.82	14.49	15.08	16.67
1900			11.99	12.85	13.91	14.35	15.43	15.56	16.93
2000			12.49	13.35	14.13	14.82	15.45	15.98	17.04
2100			12.97	13.82	14.59	15.28	15.85	16.32	17.02
2200			13.43	14.49	15.02	15.67	16.20	16.61	16.87
2300			13.87	14.70	15.42	16.02	16.49	16.82	16.64
2400			14.27	15.08	15.77	16.32	16.73	16.97	16.15
2500				15.45	16.09	16.58	16.89	17.04	15.58
2600				15.77	16.37	16.78	17.01	17.02	14.86
2800				16.33	16.78	17.02	17.02	16.76	
3000				16.73	17.01	17.02	16.74	16.15	
3200				16.97	17.02	16.76	16.15	15.17	
3400				17.04	16.84	16.25	15.23	13.79	
3500				17.02	16.67	15.88	14.65		

Power ratings are based on a minimum of six teeth in mesh.  
If you have less than this, you have to make an adjustment - see page 26.



# XH POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley								
	18	20	22	24	26	28	30	32	40
	Pulley pitch diameter in mm								
	<b>127.34</b>	<b>141.49</b>	<b>155.64</b>	<b>169.79</b>	<b>183.94</b>	<b>198.08</b>	<b>212.23</b>	<b>226.38</b>	<b>282.98</b>
3600				16.94	16.43	15.46	13.97		
3800				16.64	15.97	14.34			
4000				16.15	14.86				
4200				15.45	13.67				
4400				14.52					

Belt width correction factors																			
Belt width (code)	100	125	150	175	200	250	300	350	400	500	600	700	800	900	1000	1100	1200	1300	1400
Width factors	1.00	1.29	1.56	1.84	<b>2.14</b>	<b>2.72</b>	<b>3.36</b>	4.06	<b>4.76</b>	<b>6.15</b>	7.50	8.89	10.32	11.70	13.10	14.41	15.84	17.16	18.62

Bold figures refer to standard widths.



Power ratings are based on a minimum of six teeth in mesh.  
If you have less than this, you have to make an adjustment - see page 26.

# XXH POWER RATINGS - KILOWATTS

rpm of faster shaft	Number of grooves in small pulley							
	18	20	22	24	26	30	34	40
	Pulley pitch diameter in mm							
	181.91	202.13	222.34	242.55	262.77	303.19	343.62	404.25
100	0.99	1.10	1.22	1.32	1.43	1.65	1.87	2.20
200	1.98	2.20	2.42	2.64	2.86	3.30	3.73	4.38
300	2.97	3.30	3.62	3.95	4.27	4.92	5.56	6.51
400	3.95	4.38	4.80	5.24	5.67	6.51	7.35	8.57
480	4.72	5.24	5.74	6.26	6.76	7.76	8.74	10.15
500	4.95	5.45	5.98	6.51	7.03	8.06	9.08	10.54
510	5.01	5.56	6.09	6.63	7.17	8.22	9.24	10.73
570	5.59	6.20	6.80	7.39	7.97	9.12	10.24	11.85
600	5.88	6.51	7.14	7.76	8.37	9.57	10.73	12.40
680	6.63	7.35	8.04	8.74	9.41	10.73	12.00	13.79
700	6.83	7.56	8.27	8.97	9.67	11.02	12.32	14.12
800	7.76	8.57	9.37	10.16	10.92	12.40	13.79	15.68
870	8.09	9.27	10.13	10.97	11.78	13.32	14.76	16.67
900	8.72	9.57	10.44	11.30	12.11	13.70	15.15	17.05
1000	9.57	10.55	11.49	12.13	13.28	14.93	16.40	18.23
1100	10.44	11.49	12.64	13.43	14.37	16.04	17.49	19.17
1160	10.97	12.04	13.07	14.05	14.93	16.67	18.08	19.61
1200		12.40	13.45	14.45	15.38	17.05	18.43	19.86
1300		13.28	14.37	14.83	16.32	17.96	19.21	20.28
1400		14.12	15.23	16.26	17.18	18.72	19.80	20.39
1500		14.91	16.04	17.05	17.96	19.36	20.19	20.18
1600		15.68	16.81	17.78	18.64	19.86	20.38	19.64
1700		16.40	17.49	18.43	19.21	20.19	20.34	18.73
1750		16.73	17.81	18.73	19.46	20.31	20.23	18.14
1800		17.06	18.12	19.00	19.68	20.37	20.06	17.43
1900		17.67	18.68	19.48	20.04	20.37	19.53	
2000		18.23	19.17	19.86	20.28	20.19	18.73	
2100		18.73	19.58	20.14	20.39	19.81	17.65	
2200		19.17	19.91	20.32	20.37	19.24		
2300		19.55	20.16	20.39	20.21	18.46		
2400		19.86	20.32	20.35	19.91	17.43		
2500		22.34	20.39	20.19	19.45			
2600		20.28	20.37	19.91	18.84			
2800		20.40	20.02	18.95	17.12			
3000		20.19	19.24	17.43				

## Belt width correction factors

Belt width (code)	100	200	250	300	350	400	500	600	700	800	900	1000	1100	1200	1300	1400
Width factors	1.00	<b>2.14</b>	2.72	<b>3.36</b>	4.06	<b>4.76</b>	<b>6.15</b>	7.50	8.89	10.32	11.70	13.10	14.41	15.84	17.16	18.62

Bold figures refer to standard widths.

Power ratings are based on a minimum of six teeth in mesh.

If you have less than this, you have to make an adjustment - see page 26.

