

8 mm High HP HTS® Belt Horsepower Ratings



The following tables represent the horsepower ratings for each belt at the pre-determined No. of Teeth, Pitch Diameters and rpm's. These ratings must be multiplied by the applicable belt length factor to obtain corrected HP rating.

		12mm (.47 in.) Wide Belt (8M-12)															
No. Teeth		22	24	26	28	30	32	34	36	38	40	44	48	56	64	72	80
PD	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
	in.	2.21	2.41	2.61	2.81	3.01	3.21	3.41	3.61	3.81	4.01	4.41	4.81	5.61	6.42	7.22	8.02
870		3.92	4.31	4.70	5.09	5.48	5.88	6.27	6.67	7.07	7.48	8.28	9.10	10.74	12.39	14.06	15.74
1160		4.90	5.38	5.87	6.36	6.85	7.34	7.83	8.33	8.83	9.33	10.34	11.35	13.39	15.44	17.51	19.58
1750		6.73	7.39	8.06	8.72	9.40	10.07	10.74	11.42	12.10	12.78	14.15	15.52	18.27	21.02	23.77	26.51
3450		11.31	12.40	13.49	14.59	15.68	16.77	17.86	18.95	20.04	21.11	23.26	25.37	29.50	33.47		
10		0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.14	0.15	0.18	0.20	0.23	0.26
20		0.13	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.24	0.26	0.28	0.33	0.39	0.44	0.49
30		0.18	0.20	0.22	0.24	0.25	0.27	0.29	0.31	0.32	0.34	0.38	0.41	0.49	0.56	0.63	0.71
50		0.29	0.32	0.35	0.38	0.40	0.43	0.46	0.49	0.52	0.55	0.60	0.66	0.78	0.89	1.01	1.13
70		0.40	0.44	0.47	0.51	0.55	0.59	0.63	0.67	0.71	0.74	0.82	0.90	1.06	1.22	1.38	1.54
100		0.55	0.61	0.66	0.71	0.76	0.82	0.87	0.93	0.98	1.03	1.14	1.25	1.47	1.69	1.92	2.14
200		1.05	1.15	1.25	1.35	1.45	1.55	1.65	1.75	1.85	1.96	2.16	2.37	2.78	3.20	3.62	4.05
300		1.52	1.66	1.81	1.95	2.10	2.25	2.40	2.54	2.69	2.84	3.14	3.44	4.04	4.65	5.26	5.88
400		1.98	2.17	2.36	2.55	2.74	2.93	3.12	3.31	3.51	3.70	4.09	4.48	5.27	6.06	6.85	7.65
500		2.43	2.66	2.89	3.13	3.36	3.60	3.83	4.07	4.31	4.54	5.02	5.50	6.47	7.44	8.41	9.39
600		2.87	3.15	3.42	3.70	3.98	4.25	4.53	4.81	5.09	5.37	5.94	6.51	7.64	8.79	9.94	11.10
700		3.31	3.62	3.94	4.26	4.58	4.90	5.22	5.54	5.87	6.19	6.84	7.49	8.81	10.13	11.45	12.78
800		3.74	4.10	4.46	4.82	5.18	5.54	5.90	6.27	6.63	7.00	7.73	8.47	9.95	11.44	12.94	14.44
900		4.03	4.42	4.82	5.22	5.63	6.03	6.44	6.85	7.26	7.67	8.50	9.34	11.02	12.72	14.43	16.15
1000		4.37	4.80	5.23	5.67	6.11	6.55	6.99	7.43	7.88	8.32	9.22	10.13	11.95	13.79	15.64	17.50
1100		4.70	5.17	5.63	6.10	6.57	7.05	7.52	8.00	8.48	8.96	9.92	10.90	12.86	14.83	16.82	18.81
1200		5.03	5.53	6.02	6.53	7.03	7.53	8.04	8.55	9.06	9.58	10.61	11.65	13.74	15.84	17.96	20.08
1300		5.35	5.88	6.41	6.94	7.48	8.01	8.55	9.10	9.64	10.19	11.28	12.38	14.60	16.83	19.08	21.32
1400		5.67	6.23	6.79	7.35	7.92	8.48	9.05	9.63	10.20	10.78	11.94	13.10	15.45	17.80	20.16	22.53
1500		5.98	6.57	7.16	7.75	8.35	8.95	9.55	10.15	10.76	11.36	12.58	13.81	16.27	18.75	21.23	23.71
1600		6.28	6.90	7.52	8.14	8.77	9.40	10.03	10.67	11.30	11.94	13.22	14.50	17.08	19.67	22.26	24.85
1700		6.58	7.23	7.88	8.53	9.19	9.85	10.51	11.17	11.84	12.50	13.84	15.18	17.88	20.58	23.28	25.97
1800		6.88	7.56	8.23	8.92	9.60	10.29	10.98	11.67	12.36	13.06	14.45	15.85	18.66	21.47	24.27	27.05
1900		7.17	7.88	8.58	9.29	10.01	10.72	11.44	12.16	12.88	13.60	15.06	16.51	19.42	22.33	25.23	28.11
2000		7.46	8.19	8.93	9.66	10.41	11.15	11.89	12.64	13.39	14.14	15.65	17.15	20.17	23.18	26.17	29.14
2500		8.85	9.72	10.58	11.46	12.33	13.20	14.08	14.96	15.84	16.71	18.47	20.22	23.71	27.15	30.54	33.85
3000		10.17	11.16	12.15	13.14	14.14	15.13	16.13	17.12	18.11	19.11	21.08	23.04	26.91	30.68	34.33	
3500		11.43	12.53	13.64	14.74	15.85	16.95	18.05	19.15	20.24	21.33	23.49	25.62	29.77	33.75		
4000		12.63	13.84	15.05	16.26	17.46	18.66	19.86	21.04	22.22	23.39	25.70	27.96	32.29			
4500		13.78	15.09	16.40	17.70	18.99	20.27	21.55	22.81	24.06	25.29	27.70	30.04				
5000		14.89	16.29	17.68	19.06	20.43	21.78	23.12	24.44	25.74	27.02	29.50					

		22mm (.87 in.) Wide Belt (8M-22)															
No. Teeth		22	24	26	28	30	32	34	36	38	40	44	48	56	64	72	80
PD	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
	in.	2.21	2.41	2.61	2.81	3.01	3.21	3.41	3.61	3.81	4.01	4.41	4.81	5.61	6.42	7.22	8.02
870		7.20	7.91	8.62	9.34	10.06	10.78	11.51	12.24	12.98	13.72	15.20	16.69	19.70	22.74	25.80	28.88
1160		8.99	9.88	10.77	11.66	12.56	13.47	14.37	15.29	16.20	17.12	18.97	20.82	24.56	28.33	32.12	35.92
1750		12.35	13.56	14.78	16.01	17.24	18.47	19.71	20.95	22.20	23.45	25.96	28.47	33.52	38.57	43.62	48.65
3450		20.75	22.75	24.76	26.76	28.77	30.78	32.78	34.77	36.76	38.74	42.67	46.55	54.13	61.41		
10		0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.23	0.25	0.28	0.32	0.37	0.42	0.47
20		0.23	0.25	0.27	0.30	0.32	0.34	0.36	0.39	0.41	0.43	0.48	0.52	0.61	0.71	0.80	0.89
30		0.33	0.37	0.40	0.43	0.46	0.50	0.53	0.56	0.59	0.63	0.69	0.76	0.89	1.03	1.16	1.30
50		0.54	0.59	0.64	0.69	0.74	0.79	0.85	0.90	0.95	1.00	1.11	1.21	1.43	1.64	1.86	2.08
70		0.73	0.80	0.87	0.94	1.01	1.08	1.15	1.22	1.30	1.37	1.51	1.65	1.95	2.24	2.53	2.83
100		1.01	1.11	1.21	1.31	1.40	1.50	1.60	1.70	1.80	1.90	2.10	2.30	2.70	3.11	3.52	3.93
200		1.92	2.10	2.29	2.47	2.66	2.84	3.03	3.21	3.40	3.59	3.97	4.35	5.11	5.88	6.65	7.43
300		2.78	3.05	3.32	3.59	3.86	4.13	4.40	4.67	4.94	5.21	5.76	6.31	7.42	8.53	9.66	10.78
400		3.63	3.98	4.32	4.67	5.02	5.37	5.73	6.08	6.44	6.79	7.51	8.22	9.66	11.12	12.58	14.04
500		4.46	4.88	5.31	5.74	6.17	6.60	7.03	7.47	7.90	8.34	9.21	10.09	11.86	13.65	15.44	17.24
600		5.27	5.77	6.28	6.78	7.29	7.80	8.32	8.83	9.34	9.86	10.90	11.94	14.03	16.13	18.25	20.37
700		6.07	6.65	7.23	7.82	8.40	8.99	9.58	10.17	10.77	11.36	12.55	13.75	16.16	18.58	21.01	23.45
800		6.86	7.52	8.18	8.84	9.50	10.17	10.83	11.50	12.17	12.84	14.19	15.54	18.26	20.99	23.74	26.50
900		7.39	8.12	8.85	9.59	10.33	11.07	11.82	12.57	13.32	14.08	15.60	17.13	20.22	23.34	26.48	29.64
1000		8.02	8.81	9.60	10.40	11.20	12.01	12.82	13.63	14.45	15.28	16.92	18.58	21.93	25.30	28.70	32.11
1100		8.63	9.48	10.33	11.19	12.06	12.93	13.80	14.67	15.55	16.44	18.21	19.99	23.59	27.21	30.85	34.51
1200		9.23	10.14	11.05	11.97	12.90	13.82	14.76	15.69	16.63	17.57	19.47	21.37	25.21	29.07	32.95	36.85
1300		9.82	10.79	11.76	12.73	13.72	14.70	15.69	16.69	17.69	18.69	20.70	22.72	26.79	30.89	35.00	39.12
1400		10.40	11.42	12.45	13.48	14.52	15.57	16.61	17.66	18.72	19.78	21.91	24.04	28.34	32.66	37.00	41.34
1500		10.97	12.05	13.13	14.22	15.31	16.41	17.52	18.62	19.74	20.85	23.09	25.34	29.86	34.40	38.95	43.49
1600		11.53	12.66	13.80	14.94	16.09	17.25	18.41	19.57	20.73	21.90	24.25	26.61	31.35	36.10	40.85	45.59
1700		12.08	13.27	14.46	15.66	16.86	18.07	19.28	20.50	21.72	22.94	25.39	27.86	32.80	37.76	42.71	47.64
1800		12.62	13.86	15.11	16.36	17.61	18.87	20.14	21.41	22.68	23.96	26.52	29.08	34.23	39.38	44.52	49.64
1900		13.16	14.45	15.75	17.05	18.36	19.67	20.99	22.31	23.63	24.96	27.62	30.29	35			



8 mm High HP HTS® Belt Horsepower Ratings

The following tables represent the horsepower ratings for each belt at the pre-determined No. of Teeth, Pitch Diameters and rpm's. These ratings must be multiplied by the applicable belt length factor to obtain corrected HP rating.

		35mm (1.38 in.) Wide Belt (8M-35)															
No. Teeth	PD	22	24	26	28	30	32	34	36	38	40	44	48	56	64	72	80
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Smallest Sprocket RPM	870	11.46	12.58	13.72	14.86	16.01	17.16	18.32	19.49	20.66	21.83	24.19	26.56	31.35	36.19	41.06	45.97
	1160	14.31	15.72	17.14	18.56	19.99	21.43	22.88	24.33	25.78	27.25	30.18	33.14	39.09	45.09	51.12	57.17
	1750	19.66	21.59	23.53	25.48	27.43	29.40	31.37	33.35	35.33	37.32	41.31	45.32	53.35	61.39	69.42	77.42
	3450	33.02	36.20	39.40	42.59	45.79	48.98	52.16	55.34	58.50	61.65	67.91	74.08	86.15	97.72		
	10	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.36	0.40	0.44	0.52	0.59	0.67	0.75
	20	0.37	0.40	0.44	0.47	0.51	0.54	0.58	0.62	0.65	0.69	0.76	0.83	0.98	1.12	1.27	1.42
	30	0.53	0.58	0.63	0.69	0.74	0.79	0.84	0.89	0.95	1.00	1.10	1.21	1.42	1.63	1.85	2.06
	50	0.85	0.93	1.02	1.10	1.18	1.26	1.35	1.43	1.51	1.60	1.76	1.93	2.27	2.61	2.96	3.30
	70	1.16	1.27	1.38	1.50	1.61	1.72	1.83	1.95	2.06	2.18	2.40	2.63	3.10	3.56	4.03	4.50
	100	1.61	1.77	1.92	2.08	2.23	2.39	2.55	2.70	2.86	3.02	3.34	3.66	4.30	4.94	5.59	6.25
	200	3.05	3.34	3.64	3.93	4.23	4.52	4.82	5.12	5.41	5.71	6.31	6.92	8.13	9.35	10.58	11.82
	300	4.43	4.86	5.28	5.71	6.14	6.57	7.00	7.43	7.86	8.30	9.17	10.04	11.81	13.58	15.37	17.16
	400	5.77	6.33	6.88	7.44	7.99	8.55	9.12	9.68	10.24	10.81	11.95	13.09	15.38	17.69	20.02	22.35
	500	7.09	7.77	8.45	9.13	9.82	10.50	11.19	11.88	12.58	13.27	14.66	16.07	18.88	21.72	24.57	27.43
	600	8.38	9.19	9.99	10.80	11.61	12.42	13.23	14.05	14.87	15.69	17.34	18.99	22.32	25.67	29.04	32.42
	700	9.66	10.58	11.51	12.44	13.37	14.31	15.25	16.19	17.13	18.08	19.98	21.88	25.71	29.57	33.44	37.33
	800	10.92	11.97	13.01	14.06	15.12	16.18	17.24	18.30	19.37	20.44	22.58	24.73	29.06	33.41	37.78	42.17
	900	11.76	12.92	14.08	15.26	16.43	17.62	18.81	20.00	21.20	22.41	24.83	27.27	32.18	37.14	42.14	47.17
	1000	12.76	14.02	15.28	16.55	17.83	19.11	20.40	21.70	23.00	24.30	26.93	29.57	34.89	40.26	45.67	51.10
	1100	13.74	15.09	16.45	17.82	19.19	20.57	21.96	23.35	24.75	26.16	28.98	31.82	37.54	43.30	49.10	54.93
1200	14.69	16.14	17.59	19.05	20.52	22.00	23.48	24.97	26.47	27.97	30.98	34.01	40.11	46.26	52.44	58.64	
1300	15.63	17.17	18.71	20.27	21.83	23.40	24.97	26.56	28.15	29.74	32.94	36.16	42.64	49.15	55.70	62.26	
1400	16.55	18.18	19.81	21.46	23.11	24.77	26.44	28.11	29.79	31.48	34.86	38.26	45.10	51.98	58.88	65.79	
1500	17.46	19.17	20.89	22.63	24.37	26.12	27.88	29.64	31.41	33.18	36.75	40.32	47.52	54.74	61.98	69.22	
1600	18.35	20.15	21.96	23.78	25.61	27.45	29.29	31.14	33.00	34.86	38.60	42.35	49.88	57.44	65.01	72.56	
1700	19.22	21.11	23.01	24.91	26.83	28.75	30.68	32.62	34.56	36.51	40.41	44.34	52.20	60.09	67.97	75.82	
1800	20.09	22.06	24.04	26.03	28.03	30.04	32.05	34.07	36.10	38.13	42.20	46.29	54.48	62.68	70.85	78.99	
1900	20.94	23.00	25.06	27.13	29.22	31.30	33.40	35.50	37.61	39.72	43.96	48.20	56.71	65.21	73.67	82.08	
2000	21.79	23.92	26.06	28.22	30.38	32.55	34.73	36.91	39.10	41.29	45.69	50.09	58.90	67.69	76.42	85.08	
2500	25.85	28.37	30.91	33.45	36.00	38.55	41.11	43.67	46.24	48.80	53.93	59.05	69.23	79.29	89.18	98.85	
3000	29.70	32.59	35.48	38.38	41.28	44.19	47.09	49.99	52.89	55.79	61.55	67.28	78.57	89.59	100.24		
3500	33.38	36.60	39.82	43.05	46.27	49.49	52.71	55.91	59.10	62.28	68.58	74.81	86.94	98.56			
		60mm (2.36 in.) Wide Belt (8M-60)															
Smallest Sprocket RPM	870	19.64	21.58	23.52	25.48	27.45	29.43	31.42	33.41	35.42	41.48	45.55	53.76	62.05	70.41	78.82	
	1160	24.54	26.95	29.38	31.83	34.28	36.75	39.23	41.72	44.21	46.72	51.76	56.82	67.03	77.31	87.65	98.03
	1750	33.71	37.01	40.34	43.68	47.04	50.41	53.79	57.18	60.58	63.99	70.84	77.70	91.47	105.26	119.03	132.74
	3450	56.61	62.08	67.56	73.03	78.51	83.98	89.44	94.89	100.31	105.71	116.44	127.03	147.72	167.57		
	10	0.33	0.36	0.40	0.43	0.46	0.49	0.52	0.56	0.59	0.62	0.69	0.75	0.89	1.02	1.15	1.29
	20	0.63	0.69	0.75	0.81	0.87	0.93	0.99	1.05	1.12	1.18	1.30	1.43	1.68	1.93	2.18	2.44
	30	0.91	1.00	1.09	1.18	1.26	1.35	1.44	1.53	1.62	1.71	1.89	2.07	2.43	2.80	3.17	3.54
	50	1.46	1.60	1.74	1.88	2.02	2.17	2.31	2.45	2.59	2.74	3.02	3.31	3.90	4.48	5.07	5.66
	70	1.99	2.18	2.37	2.57	2.76	2.95	3.15	3.34	3.53	3.73	4.12	4.52	5.31	6.11	6.91	7.72
	100	2.77	3.03	3.30	3.56	3.83	4.10	4.37	4.64	4.91	5.18	5.72	6.27	7.37	8.48	9.59	10.71
	200	5.23	5.73	6.24	6.74	7.25	7.75	8.26	8.77	9.28	9.80	10.83	11.86	13.94	16.04	18.15	20.27
	300	7.60	8.33	9.05	9.79	10.52	11.26	12.00	12.74	13.48	14.23	15.72	17.22	20.24	23.29	26.35	29.42
	400	9.90	10.85	11.80	12.75	13.71	14.67	15.63	16.60	17.56	18.53	20.48	22.44	26.37	30.34	34.32	38.32
	500	12.16	13.32	14.48	15.66	16.83	18.01	19.19	20.38	21.56	22.75	25.15	27.55	32.38	37.24	42.12	47.03
	600	14.38	15.75	17.13	18.51	19.90	21.29	22.69	24.09	25.50	26.91	29.73	32.57	38.28	44.02	49.79	55.59
	700	16.57	18.15	19.74	21.33	22.93	24.54	26.15	27.76	29.38	31.00	34.25	37.52	44.09	50.70	57.34	64.00
	800	18.73	20.52	22.31	24.12	25.93	27.74	29.56	31.38	33.21	35.04	38.72	42.41	49.83	57.29	64.78	72.30
	900	20.17	22.15	24.15	26.16	28.18	30.21	32.25	34.30	36.36	38.42	42.58	46.75	55.18	63.69	72.26	80.88
	1000	21.88	24.03	26.20	28.38	30.57	32.77	34.98	37.21	39.44	41.67	46.18	50.70	59.83	69.04	78.31	87.63
	1100	23.55	25.87	28.20	30.55	32.90	35.27	37.65	40.04	42.44	44.85	49.69	54.55	64.36	74.25	84.19	94.18
1200	25.19	27.67	30.16	32.67	35.19	37.72	40.26	42.82	45.38	47.95	53.12	58.32	68.78	79.33	89.92	100.55	
1300	26.80	29.43	32.09	34.75	37.43	40.12	42.82	45.54	48.26	50.99	56.48	62.00	73.11	84.28	95.51	106.76	
1400	28.38	31.17	33.97	36.79	39.63	42.48	45.34	48.21	51.08	53.97	59.78	65.61	77.34	89.13	100.96	112.80	
1500	29.93	32.87	35.83	38.80	41.79	44.79	47.80	50.82	53.86	56.90	63.01	69.14	81.48	93.87	106.28	118.69	
1600	31.46	34.55	37.65	40.78	43.91	47.06	50.23	53.40	56.58	59.77	66.18	72.61	85.54	98.50	111.47	124.42	
1700	32.96	36.20	39.45	42.72	46.00	49.30	52.61	55.93	59.26	62.60	69.30	76.02	89.51	103.03	116.54	130.01	
1800	34.45	37.83	41.22	44.64	48.06	51.51	54.96	58.42	61.90	65.38	72.36	79.37	93.41	107.47	121.49	135.45	
1900	35.91	39.43	42.97	46.52	50.09	53.68	57.27	60.88	64.49	68.11	75.38	82.66	97.24	111.81	126.33	140.74	
2000	37.36	41.01	44.69	48.39	52.10	55.82	59.55	63.30	67.05	70.81	78.34	85.89	100.99	116.06	131.04	145.89	
2500	44.33	48.65	53.00	57.35	61.72	66.11	70.49	74.89	79.28	83.68	92.47	101.25	118.71	135.95	152.91	169.49	
3000	50.93	55.88	60.84	65.81	70.79	75.77	80.75	85.72	90.69	95.66	105.54	115.36	134.73	153.62	171.88		
3500	57.23	62.75	68.28	73.82	79.35	84.87	90.38	95.87	101.34	106.79	117.60	128.27	149.07	169.00			
4000	63.25	69.31	75.36	81.41	87.44	93.44	99.42	105.36	111.26	117.11	128.66	139.96	161.69				
4500	69.01	75.57	82.10	88.61	95.08	101.51	107.88	114.19	120.44	126.61	138.70	150.41					
5000	74.53	81.54	88.51	95.43	102.28	109.06											

14 mm High HP HTS® Belt Horsepower Ratings



The following tables represent the horsepower ratings for each belt at the pre-determined No. of Teeth, Pitch Diameters and rpm's. These ratings must be multiplied by the applicable belt length factor to obtain corrected HP rating.

		20mm (.79 in.) Wide Belt (14M-20)																
No. Teeth	PD	28	29	30	32	34	36	38	40	44	48	52	56	60	64	68	72	80
		mm in.	4.91	5.09	5.26	5.61	5.97	6.32	6.67	7.02	7.72	8.42	9.12	9.82	10.53	11.23	11.93	12.63
870		28.21	29.23	30.24	32.26	34.29	36.31	38.33	40.34	44.37	48.39	52.40	56.39	60.37	64.33	68.27	72.20	79.99
1160		34.93	36.17	37.42	39.91	42.40	44.88	47.35	49.82	54.74	59.63	64.49	69.31	74.10	78.84	83.54	88.19	97.34
1750		47.19	48.85	50.50	53.80	57.07	60.33	63.57	66.78	73.13	79.38	85.51	91.51	97.37	103.08	108.63	114.01	
3450		74.98	77.34	79.68	84.23	88.63	92.87											
10		0.46	0.47	0.49	0.52	0.56	0.59	0.62	0.65	0.72	0.78	0.85	0.92	0.98	1.05	1.11	1.18	1.31
20		0.87	0.90	0.93	0.99	1.05	1.11	1.18	1.24	1.36	1.48	1.61	1.73	1.86	1.98	2.10	2.23	2.48
30		1.26	1.30	1.35	1.44	1.53	1.62	1.71	1.80	1.98	2.16	2.34	2.52	2.70	2.88	3.06	3.24	3.59
50		2.01	2.08	2.15	2.30	2.44	2.59	2.73	2.87	3.16	3.45	3.74	4.02	4.31	4.60	4.89	5.18	5.75
70		2.74	2.84	2.94	3.13	3.33	3.52	3.72	3.92	4.31	4.70	5.09	5.48	5.88	6.27	6.66	7.05	7.84
100		3.80	3.94	4.08	4.35	4.62	4.89	5.17	5.44	5.98	6.53	7.07	7.61	8.16	8.70	9.25	9.79	10.88
200		7.20	7.46	7.71	8.23	8.74	9.26	9.77	10.29	11.32	12.35	13.37	14.40	15.43	16.46	17.49	18.52	20.57
300		10.45	10.83	11.20	11.95	12.69	13.44	14.19	14.93	16.43	17.92	19.41	20.90	22.40	23.89	25.38	26.87	29.84
400		13.62	14.10	14.59	15.56	16.53	17.51	18.48	19.45	21.39	23.34	25.28	27.22	29.16	31.09	33.03	34.96	38.83
500		16.72	17.31	17.91	19.10	20.29	21.49	22.68	23.87	26.25	28.63	31.01	33.39	35.76	38.13	40.49	42.86	47.57
600		19.76	20.47	21.17	22.58	23.99	25.40	26.81	28.21	31.02	33.83	36.63	39.43	42.23	45.02	47.80	50.58	56.12
700		22.76	23.58	24.39	26.01	27.63	29.25	30.87	32.49	35.72	38.94	42.16	45.37	48.58	51.77	54.96	58.14	64.47
800		25.73	26.64	27.56	29.39	31.22	33.05	34.87	36.70	40.34	43.97	47.60	51.21	54.81	58.40	61.98	65.54	72.63
900		28.94	29.97	31.01	33.09	35.16	37.23	39.30	41.37	45.49	49.61	53.71	57.79	61.86	65.92	69.95	73.96	81.91
1000		31.29	32.41	33.53	35.77	38.01	40.24	42.47	44.70	49.14	53.57	57.98	62.36	66.72	71.06	75.37	79.64	88.10
1100		33.58	34.78	35.98	38.38	40.77	43.16	45.55	47.93	52.67	57.40	62.09	66.76	71.39	75.99	80.55	85.07	93.97
1200		35.81	37.09	38.37	40.92	43.46	46.00	48.54	51.06	56.10	61.10	66.06	70.99	75.87	80.71	85.49	90.23	99.52
1300		37.99	39.34	40.69	43.39	46.08	48.76	51.44	54.11	59.41	64.68	69.89	75.06	80.17	85.23	90.21	95.13	104.75
1400		40.11	41.54	42.96	45.80	48.63	51.45	54.26	57.06	62.63	68.14	73.59	78.98	84.30	89.54	94.71	99.78	109.66
1500		42.19	43.69	45.18	48.15	51.12	54.07	57.01	59.94	65.75	71.49	77.16	82.75	88.25	93.66	98.97	104.18	114.24
1600		44.22	45.78	47.34	50.45	53.54	56.62	59.69	62.73	68.77	74.73	80.59	86.37	92.03	97.58	103.01	108.31	118.48
1700		46.21	47.84	49.46	52.69	55.91	59.11	62.29	65.45	71.70	77.86	83.90	89.83	95.63	101.30	106.81	112.18	
1800		48.16	49.85	51.53	54.89	58.22	61.54	64.83	68.09	74.54	80.88	87.08	93.15	99.06	104.81	110.39		
1900		50.06	51.81	53.56	57.03	60.48	63.90	67.29	70.66	77.29	83.79	90.13	96.31	102.31	108.12			
2000		51.93	53.74	55.54	59.12	62.68	66.20	69.69	73.15	79.95	86.59	93.05	99.32	105.38	111.21			
2500		60.71	62.78	64.83	68.88	72.88	76.82	80.70	84.50	91.89	98.95							
3000		68.61	70.87	73.10	77.49	81.77	85.96	90.02	93.97									
3500		75.64	78.02	80.36	84.92	89.32	93.56											
		42mm (1.65 in.) Wide Belt (14M-42)																
870		59.31	61.44	63.57	67.82	72.08	76.32	80.57	84.81	93.28	101.73	110.15	118.54	126.90	135.23	143.52	151.78	168.15
1160		73.42	76.05	78.67	83.90	89.12	94.34	99.54	104.73	115.07	125.36	135.57	145.71	155.77	165.74	175.62	185.40	204.63
1750		99.20	102.69	106.16	113.09	119.98	126.83	133.63	140.39	153.74	166.87	179.76	192.37	204.69	216.69	228.36	239.67	
3450		157.62	162.59	167.50	177.07	186.32	195.23											
10		0.96	1.00	1.03	1.10	1.17	1.24	1.31	1.37	1.51	1.65	1.79	1.92	2.06	2.20	2.34	2.48	2.75
20		1.82	1.88	1.95	2.08	2.21	2.34	2.47	2.60	2.86	3.12	3.38	3.64	3.90	4.16	4.42	4.68	5.20
30		2.64	2.74	2.83	3.02	3.21	3.40	3.59	3.78	4.15	4.53	4.91	5.29	5.67	6.04	6.42	6.80	7.56
50		4.23	4.38	4.53	4.83	5.13	5.44	5.74	6.04	6.65	7.25	7.86	8.46	9.07	9.67	10.28	10.88	12.09
70		5.76	5.97	6.17	6.59	7.00	7.41	7.82	8.23	9.06	9.88	10.71	11.53	12.35	13.18	14.00	14.83	16.48
100		8.00	8.28	8.57	9.14	9.71	10.29	10.86	11.43	12.57	13.72	14.86	16.01	17.15	18.30	19.44	20.59	22.87
200		15.13	15.67	16.22	17.30	18.38	19.46	20.54	21.62	23.79	25.95	28.12	30.28	32.44	34.60	36.77	38.93	43.25
300		21.97	22.76	23.54	25.11	26.68	28.25	29.82	31.39	34.53	37.67	40.81	43.94	47.08	50.21	53.35	56.48	62.74
400		28.62	29.65	30.67	32.71	34.76	36.80	38.85	40.89	44.97	49.06	53.14	57.22	61.29	65.36	69.43	73.50	81.62
500		35.14	36.39	37.65	40.16	42.66	45.17	47.68	50.18	55.19	60.19	65.19	70.18	75.17	80.15	85.13	90.10	100.01
600		41.54	43.03	44.51	47.47	50.43	53.39	56.35	59.31	65.22	71.12	77.01	82.89	88.77	94.63	100.49	106.33	117.97
700		47.85	49.56	51.27	54.68	58.08	61.49	64.89	68.29	75.08	81.86	88.63	95.38	102.12	108.84	115.54	122.22	135.52
800		54.09	56.01	57.94	61.79	65.63	69.47	73.31	77.15	84.80	92.44	100.06	107.66	115.23	122.78	130.30	137.79	152.68
900		60.83	63.01	65.19	69.55	73.91	78.26	82.61	86.96	95.63	104.28	112.90	121.49	130.05	138.57	147.04	155.47	172.19
1000		65.78	68.14	70.49	75.20	79.90	84.60	89.28	93.97	103.31	112.61	121.88	131.09	140.26	149.38	158.43	167.43	185.21
1100		70.60	73.12	75.64	80.68	85.71	90.74	95.75	100.76	110.73	120.66	130.53	140.33	150.07	159.74	169.32	178.83	197.55
1200		75.29	77.97	80.66	86.02	91.37	96.71	102.03	107.34	117.92	128.44	138.87	149.23	159.49	169.66	179.73	189.68	209.21
1300		79.86	82.70	85.54	91.21	96.87	102.51	108.14	113.74	124.89	135.96	146.93	157.79	168.54	179.16	189.65	199.99	220.21
1400		84.33	87.32	90.31	96.28	102.23	108.16	114.07	119.96	131.66	143.24	154.70	166.03	177.21	188.24	199.09	209.77	230.52
1500		88.69	91.83	94.97	101.23	107.46	113.67	119.85	126.00	138.21	150.28	162.20	173.95	185.52	196.90	208.06	219.00	240.15
1600		92.96	96.25	99.52	106.06	112.56	119.03	125.47	131.88	144.57	157.09	169.43	181.56	193.47	205.13	216.55	227.69	249.08
1700		97.14	100.56	103.98	110.77	117.54	124.26	130.95	137.59	150.73	163.67	176.38	188.84	201.04	212.95	224.55	235.82	
1800		101.24	104.79	108.33	115.38	122.40	129.36	136.28	143.14	156.70	170.02	183.07	195.82	208.25	220.33	232.05		
1900		105.24	108.92	112.59	119.89	127.14	134.33	141.46	148.54	162.49	176.14	189.48	202.47	215.08	227.28			
2000		109.17	112.97	116.76	124.29	131.76	139.17	146.51	153.78	168.08	182.04	195.62	208.80	221.53	233.79			
2500		127.63	131.97	136.28	144.80	153.21	161.49	169.64	177.64	193.17	208.02							
3000		144.24	148.97	153.66	162.89	171.91	180.70	189.25	197.55									

14 mm High HP HTS® Belt Horsepower Ratings



The following tables represent the horsepower ratings for each belt at the pre-determined No. of Teeth, Pitch Diameters and rpm's. These ratings must be multiplied by the applicable belt length factor to obtain corrected HP rating.

		120mm (4.72 in.) Wide Belt (14M-120)																
No. Teeth	PD	28	29	30	32	34	36	38	40	44	48	52	56	60	64	68	72	80
		mm in.	124.78 4.91	129.23 5.09	133.69 5.26	142.60 5.61	151.52 5.97	160.43 6.32	169.34 6.67	178.25 7.02	196.08 7.72	213.90 8.42	231.73 9.12	249.55 9.82	267.38 10.53	285.21 11.23	303.03 11.93	320.86 12.63
Smallest Sprocket RPM	870	169.57	175.66	181.74	193.90	206.06	218.21	230.34	242.47	266.68	290.82	314.90	338.90	362.81	386.62	410.32	433.91	480.71
	1160	209.91	217.41	224.90	239.86	254.80	269.71	284.58	299.42	328.99	358.38	387.58	416.58	445.34	473.85	502.09	530.05	585.01
	1750	283.61	293.57	303.52	323.32	343.02	362.59	382.04	401.35	439.54	477.08	513.91	549.97	585.19	619.51	652.87	685.20	
	3450	450.62	464.84	478.86	506.23	532.68	558.13											
	10	2.75	2.85	2.95	3.14	3.34	3.54	3.73	3.93	4.32	4.72	5.11	5.50	5.90	6.29	6.68	7.08	7.86
	20	5.20	5.39	5.57	5.95	6.32	6.69	7.06	7.43	8.18	8.92	9.67	10.41	11.16	11.90	12.64	13.39	14.88
	30	7.55	7.82	8.09	8.63	9.17	9.71	10.26	10.80	11.88	12.96	14.04	15.12	16.20	17.28	18.36	19.44	21.61
	50	12.09	12.52	12.95	13.81	14.68	15.54	16.41	17.27	19.00	20.73	22.46	24.19	25.92	27.65	29.38	31.11	34.57
	70	16.47	17.06	17.65	18.83	20.00	21.18	22.36	23.54	25.89	28.25	30.61	32.96	35.32	37.68	40.03	42.39	47.11
	100	22.87	23.69	24.50	26.14	27.77	29.41	31.04	32.68	35.95	39.22	42.49	45.76	49.04	52.31	55.58	58.85	65.39
	200	43.27	44.81	46.36	49.45	52.54	55.64	58.73	61.82	68.01	74.19	80.38	86.56	92.75	98.93	105.11	111.30	123.65
	300	62.82	65.06	67.31	71.80	76.29	80.77	85.26	89.75	98.72	107.70	116.67	125.63	134.60	143.56	152.52	161.47	179.36
	400	81.84	84.76	87.68	93.53	99.37	105.21	111.06	116.90	128.58	140.25	151.92	163.57	175.23	186.87	198.50	210.13	233.34
	500	100.46	104.05	107.63	114.80	121.97	129.14	136.30	143.46	157.78	172.08	186.37	200.65	214.91	229.15	243.37	257.58	285.92
	600	118.77	123.01	127.24	135.71	144.18	152.64	161.10	169.55	186.45	203.32	220.17	236.99	253.78	270.55	287.28	303.98	337.26
	700	136.81	141.69	146.57	156.31	166.05	175.79	185.52	195.24	214.65	234.04	253.38	272.68	291.94	311.15	330.31	349.41	387.44
	800	154.63	160.14	165.64	176.64	187.64	198.62	209.59	220.56	242.45	264.28	286.06	307.78	329.43	351.01	372.51	393.92	436.49
	900	173.90	180.14	186.38	198.84	211.30	223.75	236.18	248.61	273.41	298.13	322.78	347.34	371.80	396.15	420.38	444.48	492.27
	1000	188.06	194.80	201.53	214.99	228.43	241.85	255.26	268.64	295.35	321.95	348.43	374.79	401.00	427.06	452.95	478.66	529.49
	1100	201.83	209.04	216.26	230.66	245.05	259.41	273.75	288.05	316.57	344.95	373.16	401.20	429.05	456.68	484.08	511.25	564.77
	1200	215.24	222.92	230.59	245.91	261.21	276.47	291.70	306.89	337.13	367.19	397.03	426.63	455.98	485.05	513.82	542.27	598.12
	1300	228.31	236.44	244.56	260.77	276.94	293.07	309.15	325.18	357.06	388.70	420.06	451.12	481.84	512.21	542.19	571.76	629.55
	1400	241.08	249.65	258.20	275.26	292.27	309.23	326.12	342.95	376.39	409.51	442.29	474.67	506.64	538.16	569.19	599.70	659.04
	1500	253.57	262.55	271.51	289.40	307.22	324.97	342.64	360.23	395.14	429.65	463.72	497.32	530.39	562.91	594.83	626.10	686.57
	1600	265.78	275.16	284.53	303.21	321.80	340.31	358.72	377.03	413.31	449.11	484.38	519.06	553.10	586.46	619.09	650.93	712.09
	1700	277.73	287.50	297.26	316.70	336.03	355.26	374.37	393.36	430.93	467.92	504.26	539.89	574.76	608.80	641.96	674.18	
	1800	289.43	299.58	309.71	329.87	349.92	369.83	389.61	409.24	448.01	486.07	523.37	559.82	595.36	629.91	663.42		
	1900	300.88	311.40	321.88	342.75	363.47	384.04	404.44	424.66	464.53	503.57	541.70	578.84	614.89	649.79			
	2000	312.11	322.97	333.80	355.33	376.69	397.87	418.86	439.63	480.52	520.42	559.26	596.93	633.34	668.39			
	2500	364.89	377.29	389.60	413.98	438.03	461.70	484.98	507.85	552.25	594.71							
	3000	412.36	425.90	439.31	465.69	491.47	516.60	541.05	564.77									
	3500	454.60	468.88	482.94	510.38	536.84	562.27											