

Horsepower Transmitted by V-Belts

(Based on 180° Arc of Contact)

Velocity in Feet Per Minute	Cross-Section A	Cross-Section B	Cross-Section C	Cross-Section D	Cross-Section E
	width ½" thick ⅜"	width 21/32" thick ½"	width 7/8" thick 5/8"	width 1¼" thick ¾"	width 1½" thick 1"
1000	.9	1.2	3.0	5.5	7.5
1100	1.0	1.3	3.2	6.0	8.2
1200	1.0	1.4	3.4	6.5	8.9
1300	1.1	1.5	3.6	7.0	9.6
1400	1.2	1.6	3.8	7.5	10.3
1500	1.3	1.7	4.0	8.0	11.0
1600	1.4	1.8	4.3	8.4	11.6
1700	1.5	1.9	4.6	8.8	12.2
1800	1.6	2.1	4.9	9.2	12.8
1900	1.6	2.2	5.2	9.6	13.4
2000	1.7	2.3	5.5	10.0	14.0
2100	1.8	2.4	5.7	10.5	14.8
2200	1.9	2.5	5.9	11.0	15.2
2300	1.9	2.6	6.1	11.5	15.8
2400	2.0	2.7	6.3	12	16.4
2500	2.1	2.8	6.5	12.5	17.0
2600	2.2	2.8	6.7	12.9	17.5
2700	2.2	2.9	6.9	13.3	18.0
2800	2.3	3.0	7.1	13.7	18.5
2900	2.3	3.1	7.3	14.1	19.3
3000	2.4	3.2	7.5	14.5	19.8
3100	2.5	3.3	7.7	14.8	20.0
3200	2.5	3.4	7.9	15.1	20.5
3300	2.5	3.5	8.1	15.4	21.0

3400	2.6	3.6	8.3	15.7	21.3
3500	2.6	3.7	8.5	16.0	21.8
3600	2.7	3.8	8.6	16.3	22.0
3700	2.7	3.9	8.7	16.6	22.8
3800	2.8	4.0	8.8	16.9	23.0
3900	2.8	4.1	8.9	17.2	23.3
4000	2.8	4.2	9.0	17.5	23.5
5000	2.8	4.2	9.0	17.5	23.5