

POWER CORRECTION FACTORS FOR BELT LENGTH (FL)

Table - 6

Power Correction Factor	BELT PITCH / EFFECTIVE LENGTH, mm									Power Correction Factor	
	V-BELTS					WEDGE / NARROW BELTS					
	A	B	C	D	E	SPZ-3V	SPA	SPB-5V	SPC		8V
0.80	630										0.80
0.81		930									0.81
0.82	700		1560	2794			800				0.82
0.83		1000				630					0.83
0.84	790		1760				900				0.84
0.85		1100				710					0.85
0.86	890			3130			1000		2000		0.86
0.87		1210	1950	3330		800				2590	0.87
0.88	990						1120		2240		0.88
0.89						900				3000	0.89
0.90	1100	1370	2190	3730	4660		1250		2500		0.90
0.91			2340						2800	3350	0.91
0.92		1560	2490	4080	5040	1000	1400	1900			0.92
0.93	1250							2020	3150		0.93
0.94			2720	4620	5420	1120	1600			4060	0.94
0.95		1760	2800					2240	3550		0.95
0.96	1430		3080		6100	1250	1800	2500			0.96
0.97		1950		5400					4000	5080	0.97
0.98	1550		3310			1400	2000	2840	4500		0.98
0.99	1640	2180	3520		5850					6000	0.99
1.00	1750	2300		6100		1600	2240	3150	5000		1.00
1.02	1940	2500	4060		7650	1800	2500	3550	5600	7100	1.02
1.03				6840					6300	8000	1.03
1.04	2050	2700				2030	2800	4060			1.04
1.05	2200	2850	4600	7620	9150				7100	9000	1.05
1.06	2300					2280	3150	4500			1.06
1.07				8410	9950				8000	10160	1.07
1.08	2480	3200	5380			2540	3550	5000	8500		1.08
1.09	2570			9140	10710			5600	9000	11430	1.09
1.10	2700	3600				2840	4000		10000	12700	1.10
1.11			6100				4250	6300			1.11
1.12	2910			10700	12232	3150			11200		1.12
1.13	3080	4060						7100			1.13
1.14	3290		6860		13750				12500		1.14
1.15		4430				3550		8000			1.15
1.16	3540	4820	7600	12200							1.16
1.17		5000		13700	15280						1.17
1.18		5370				4000			15000		1.18
1.19		6070		15200	16800						1.19
1.20											1.20
1.21			9100	16760	17820						1.21
1.23			9900								1.23
1.24			10700		18840						1.24

Table - 7

ARC OF CONTACT CORRECTION FACTOR (Fc)

D-d / C	Factor Fc	Arc of contact on smaller pulley, degrees	D-d / C	Factor Fc	Arc of contact on smaller pulley, degrees	D-d / C	Factor Fc	Arc of contact on smaller pulley, degrees
0.00	1.00	180	0.35	0.05	160	0.70	0.89	139
0.05	0.99	177	0.40	0.94	157	0.75	0.88	136
0.10	0.99	174	0.45	0.93	154	0.80	0.87	133
0.15	0.98	171	0.50	0.93	151	0.85	0.86	130
0.20	0.97	169	0.55	0.92	148	0.90	0.85	127
0.25	0.97	166	0.60	0.91	145	0.95	0.83	123
0.30	0.96	163	0.65	0.90	142	1.00	0.82	120