

Handy Thread Belt Sizes
(Using Heavy Duty Belts)

9/28/98

HP 1.5
rpm 1725

in-lbs/rpm

(Light Duty)

Upper Pulley	Lower Pulley H-Series (Heavy Duty)											L-Series	
	18	20	22	24	26	28	30	32	40	48	60	72	84
14	70	78	86	94	102	110	117	125	157	188	235	282	329
	1342	1208	1098	1006	929	863	805	755	604	503	403	335	288
16	62	69	75	82	89	96	103	110	137	164	206	247	288
	1533	1380	1255	1150	1062	986	920	863	690	575	460	383	329
18	55	61	67	73	79	85	91	97	122	146	183	219	256
	1725	1553	1411	1294	1194	1109	1035	970	776	647	518	431	370
20	49	55	60	66	71	77	82	88	110	132	164	197	230
	1917	1725	1568	1438	1327	1232	1150	1078	863	719	575	479	411

HP 2
rpm 1725

in-lbs/rpm

(Light Duty)

Upper Pulley	Lower Pulley H-Series (Heavy Duty)											L-Series	
	18	20	22	24	26	28	30	32	40	48	60	72	84
14	94	104	115	125	136	146	157	167	209	251	313	376	438
	1342	1208	1098	1006	929	863	805	755	604	503	403	335	288
16	82	91	100	110	119	128	137	146	183	219	274	329	384
	1533	1380	1255	1150	1062	986	920	863	690	575	460	383	329
18	73	81	89	97	106	114	122	130	162	195	244	292	341
	1725	1553	1411	1294	1194	1109	1035	970	776	647	518	431	370
20	66	73	80	88	95	102	110	117	146	175	219	263	307
	1917	1725	1568	1438	1327	1232	1150	1078	863	719	575	479	411

(Light Duty)

Upper Pulley	Lower Pulley & Pitch Diameters											L-Series	
	18	20	22	24	26	28	30	32	40	48	60	72	84
	2.865	3.183	3.501	3.82	4.138	4.46	4.775	5.093	6.366	7.639	9.55	8.594	10.03
14	33.0	33.0	33.0	36.0	36.0	36.0	36.0	36.0	39.0	42.0	45.0	42.0	45.0
	12.5	12.2	12.0	13.2	13.0	12.7	12.4	12.2	12.6	13.0	12.7	12.5	12.6
16	33.0	33.0	36.0	36.0	36.0	36.0	36.0	36.0	39.0	42.0	45.0	42.0	45.0
	12.3	12.0	13.2	13.0	12.7	12.5	12.2	11.9	12.4	12.8	12.5	12.3	12.5
18	33.0	33.0	36.0	36.0	36.0	36.0	36.0	39.0	39.0	42.0	45.0	42.0	45.0
	12.0	11.8	13.0	12.7	12.5	12.2	12.0	13.2	12.1	12.5	12.3	12.1	12.3
20	33.0	36.0	36.0	36.0	36.0	36.0	39.0	39.0	39.0	42.0	45.0	42.0	45.0
	11.8	13.0	12.8	12.5	12.2	12.0	13.2	13.0	11.9	12.3	12.1	12.0	12.2

This table is the belt size and appropriate distance between pulleys in inches.

Upper Pulley	Pulley Number	Bushing Number
14	TL14H100	1008/1108x5/8* **
16	TL16H100	1008/1108x5/8* **
18	TL18H100	1210x5/8**
20	TL20H100	1210x5/8**

*Note: Specify pulley size since it can be a 1008 or 1108.

**Note: If using a 230 Volt, 2 Hp motor the shaft dia is 7/8 not 5/8.

Upper Pulley	Pulley Number	Bushing Number
14 L-Series	14L100	special machining
16 L-Series	16L100	special machining
18 L-Series	TL18L100	1008/1108x5/8* **
20 L-Series	TL20L100	1008/1108x5/8* **

Lower Pulley	Pulley Number	Bushing Number
18	TL18H100	1210x1-3/16
20	TL20H100	1210x1-3/16
22	TL22H100	1610x1-3/16
24	TL24H100	1610x1-3/16
26	TL26H100	2012x1-3/16
28	TL28H100	2012x1-3/16
30	TL30H100	2012x1-3/16
32	TL32H100	2517x1-3/16
40	TL40H100	2517x1-3/16
48	TL48H100	2517x1-3/16
60	TL60H100	3020x1-3/16
72 L-Series	TL72L100	2012x1-3/16
84 L-Series	TL84L100	2517x1-3/16