



Motorized Pulley 500L & 500M, Ø 500 mm

50 Hz

Motor			Nominal belt speed at Full Load 50Hz m/sec	Torque Nm	Belt Pull N	Max. Radial Load T1+T2 N	Special min. RL	Type	Weight in kg for STANDARD width										per 50 mm up to 2000	Type of Bracket
Power kW/HP	No. of Poles	Gear stages							Dimension RL in mm (RL >2000 mm available on request)											
									600	650	700	750	800	850	900	950	1000			
2.20/3.00	8	3	0.20	2613	10542	42200	650	500M		258	265	272	279	286	293	300	307	7 kg	KL60	
			0.25	2090	8360															
			0.32	1633	6532															
		2	0.40	1306	5224	35000	600	500L	216	223	230	237	244	251	258	265	272			
			0.50	1045	4180															
			0.63	829	3316															
4.00/5.50	8	3	0.32	2969	11876	42200	650	500M		267	274	281	288	295	302	309	316	7kg	KL60	
			0.40	2375	9500															
			0.50	1900	7600															
		2	0.63	1508	6032	35000	600	500L	225	232	239	246	253	260	267	274	281			
			0.80	1188	4752															
			1.00	950	3800															
5.50/7.50	4	3	0.50	2612	10448	42200	650	500M		258	265	272	279	286	293	300	307	7 kg	KL60	
			0.63	2073	8292															
			0.80	1632	6528															
		2	1.00	1306	5214	35000	600	500L	216	223	230	237	244	251	258	265	272			
			1.25	1045	4180															
			1.60	816	3264															
7.50/10.00	6	3	0.63	2827	11308	42200	710	500M				278	285	292	299	306	313	7 kg	KL60	
			0.80	2226	8904															
			1.00	1781	7124															
		4	1.25	1425	5700	35000	600	500L	222	229	236	243	250	257	264	271	278			
			1.60	1113	4452															
			2.00	891	3564															
11.00/15.00	4	3	1.00	2612	10448	42200	710	500M				290	297	304	311	318	325	7 kg	KL60	
			1.25	2090	8630															
			1.60	1633	6532															
		2	2.00	1306	5224	35000	660	500L	255	262	269	276	283	290						
			2.50	1045	4180															
			3.15	829	3316															
15.00/20.00	2	3	1.25	2850	11400	42200	710	500M				290	297	304	311	318	325	7 kg	KL60	
			1.60	2227	8908															
			2.00	1782	7128															
		2	2.50	1425	5700	35000	660	500L	255	262	269	276	283	290						
			3.15	1131	4524															

Idler Pulley		40500	600	UT400M	113	119	126	132	138	142	148	154	160	7 kg	KL60
		50000	650	UT400H		124	131	137	143	147	153	159	165	7 kg	KL60



Motorized Pulley 500H, Ø 500 mm (Design based on former TM500/TM501)

50 Hz

Power kW/HP	Motor		Nominal belt speed at Full Load 50Hz m/sec	Torque Nm	Belt Pull N	Max. Radial Load T1+T2 N	Min. RL	Type	Weight in kg for STANDARD width									Type of Bracket															
	No. of Poles	Gear stages							Dimension RL in mm (RL >2000 mm available on request)																								
									600	650	700	750	800	850	900	950	1000		per 50 mm up to 2000														
5.50/ 7.50	8	2	0.50	2612	10427	46000	750	500H	600	650	700	750	800	850	900	950	1000	8 kg	AL65 / ALO65														
			0.63	2073	8276																												
			0.80	1632	6515																												
	6	2	1.00	1306	5214																												
			1.25	1045	4172																												
			1.60	816	3258																												
7.50/ 10.00	8	2	2.00	653	2607	46000	750	500H	600	650	700	750	800	850	900	950	1000	8 kg	AL65 / ALO65														
			2.50	522	2084																												
			0.63	2827	11285																												
	6	2	0.80	2226	8887																												
			1.00	1780	7106																												
			1.25	1424	5685																												
11.0/ 15.0	6	2	1.60	1113	4443	46000	750	500H	600	650	700	750	800	850	900	950	1000	8 kg	AL65 / ALO65														
			2.00	890	3553																												
			2.50	712	2843																												
	6	2	1.00	2611	10423																												
			1.25	2089	8340																												
			1.60	1632	6515																												
15.0/ 20.0	4	2	2.00	1306	5214	46000	750	500H	600	650	700	750	800	850	900	950	1000	8 kg	AL65 / ALO65														
			2.50	1045	4172																												
			1.25	2850	11377																												
	4	2	1.60	2226	8886																												
			2.00	1781	7110																												
			2.50	1425	5689																												
18.5/ 25.0	4	2	3.15	1131	4515	46000	750	500H	600	650	700	750	800	850	900	950	1000	8 kg	AL65 / ALO65														
			1.60	2746	10962																												
			2.00	2197	8771																												
	4	2	2.50	1757	7014																												
			3.15	1395	5569																												
			1.60	3444	19062																												
22.0/ 30.0	2	2	2.00	2611	10423	46000	750	500H	600	650	700	750	800	850	900	950	1000	8 kg	AL65 / ALO65														
			2.50	2089	8340																												
			3.15	1600	6385																												
Idler Pulley			1.60	3444	19062															46000	600	UT500H	600	650	700	750	800	850	900	950	1000	8 kg	AL65 / ALO65
			2.00	2611	10423																												
			2.50	2089	8340																												
			3.15	1600	6385				212	220	229	237	246	255	8 kg	AL65 / ALO65																	

Sectional drawings: please refer to pages 70-71!