



# Motorized Pulley 320L, Ø 12.64 in. (321 mm)

# 60 Hz

Motor		No. Gear Stages	Model	Nominal belt speed <sup>1</sup> at Full Load 60 Hz fpm	Actual belt speed <sup>1</sup> at Full Load 60 Hz fpm	Belt Pull <sup>2</sup> lbs	Max. Radial Load <sup>3</sup> T1 + T2 lbs	Min. RL in	RL Dimension inches (RL>78.74" available on request)											Type of Bracket									
Power HP	No. of Poles								Weight in lbs <sup>5</sup>																				
									15.75	17.72	19.69	21.65	23.62	25.59	27.56	29.53	31.50	longer than 31.50"											
1	8	2	320L	76 96 120 150 192 240 300	78 100 122 146 186 231 300	402 317 259 216 170 137 105	2585	17.72	-	180	190	200	209	219	223	239	249	See Foot-note <sup>4</sup>	KL41-HD 6YA0K										
		6	2	320L	120	132			349	2585	17.72	-	185	194	204	214	224			234	243	253							
1.5	4	2	320L	150 192 240 300 384 480 600	157 199 243 292 371 462 602	294 233 190 159 124 100 77	2585	15.75	168	176	185	195	205	215	225	234	244												
				6	2	320L			120	132	476	2585	17.72	-	189	199	209			218	228	238	248	258					
				4	2	320L			150 192 240 300 384 480 600	157 199 243 292 371 462 602	402 317 259 216 170 137 105	2585	15.75	172	180	190	200			209	219	229	239	249					
									4	2	320L			150 192 240 300 384 480 600	157 199 243 292 371 462 602	590 466 380 317 249 200 154	2585			17.72	-	189	199	208	218	228	238	248	258
														4	2	320L					240 300 384 480 600	243 292 371 462 602	518 433 340 273 210	2585	19.69	-	-	207	217
5.5	2	2	320L				300 384 480 600	314 397 487 583													536 423 345 289	2585	19.69			-	-	207	217
				← Special RL		Standard RL →																							

# Motorized Pulley 320M & 320H, Ø 12.64 in. (321 mm) 60 Hz

Motor		No. Gear Stages	Model	Nominal belt speed <sup>1</sup> at Full Load 60 Hz fpm	Actual belt speed <sup>1</sup> at Full Load 60 Hz fpm	Belt Pull <sup>2</sup> lbs	Max. Radial Load <sup>3</sup> T1 + T2 lbs	Special min. RL in	RL Dimension inches (RL>78.74" available on request)											Type of Bracket
Power HP	No. of Poles								Weight in lbs <sup>5</sup>											
									17.72	19.69	21.65	23.62	25.59	27.56	29.53	31.50	33.46	longer than 33.46"		
1	12	3	320H	24 30	25 32	1241 984	7868	21.65	-	-	308	317	329	341	354	366	378	See Foot-note <sup>4</sup>	KL42 6YA0J	
		2	320M	38 48 60 76 96 120 150 192	41 54 69 83 108 135 166 212	774 581 461 377 291 233 190 148			4496	19.69	-	251	261	271	281	291	301			310
1.5	12	3	320H	24 30	25 32	1821 1444	7868	21.65			-	-	308	317	329	341	354	366	378	See Foot-note <sup>4</sup>
		2	320M	38 48	41 54	1128 851			4496	19.69	-	251	261	271	281	291	301	310	320	
	8	2	320M	60 76 96 120 150 192 240 300	61 81 103 126 162 203 249 319	752 568 450 368 285 228 186 145	4496	19.69			-	251	261	271	281	291	301	310	320	See Foot-note <sup>4</sup>
				← Special RL		Standard RL →														

Idler Pulley		Model	Max. Radial Load <sup>3</sup> lbs	Min. RL in	17.72	19.69	21.65	23.62	25.59	27.56	29.53	31.50	33.46	longer than 33.46"	Type of Bracket
		Model UT320M	4496	17.72	118	128	138	148	158	167	177	187	197	See Foot-note <sup>4</sup>	KL41-HD 6YA0K
		Model UT320H	7868	17.72	131	143	153	163	173	183	193	202	212	See Foot-note <sup>4</sup>	KL42 6YA0J

Refer to page 32 for all footnotes cited on page 31.



# Motorized Pulley 320M & 320H, Ø 12.64 in. (321 mm) 60 Hz

Motor		No. Gear Stages	Model	Nominal belt speed <sup>1</sup> at Full Load 60 Hz fpm	Actual belt speed <sup>1</sup> at Full Load 60 Hz fpm	Belt Pull <sup>2</sup> lbs	Max. Radial Load <sup>3</sup> T1 + T2 lbs	Min. RL in	RL Dimension inches (RL>78.74" available on request)										Type of Bracket
Power HP	No. of Poles								Weight in lbs <sup>5</sup>										
									17.72	19.69	21.65	23.62	25.59	27.56	29.53	31.50	33.46	longer than 33.46"	
2	8	3	320H	38 48	39 49	1574 1253	7868	21.65	-	-	308	317	329	341	354	366	378	KL42 6YA0J	
		2	320M	60 76 96 120 150 192 240 300	68 84 104 127 164 205 251 322	903 731 590 483 374 299 245 191	4496	19.69	-	252	261	271	281	291	301	310	320	KL41-HD 6YA0K	
3	8	3	320H	38 48	39 49	2361 1879	7868	21.65	-	-	308	317	329	341	354	369	378	KL42	
		2	320M	60 76 96	68 84 104	1354 1096 885	4496	19.69	-	252	261	271	281	291	301	310	320	KL41-HD 6YA0K	
	4	2	320M	120 150 192 240 300 384 480 600	136 168 207 253 328 410 502 643	677 548 445 364 281 225 183 143	4496	19.69	-	229	239	249	258	268	278	288	298	KL41-HD 6YA0K	
4	6	3	320H	48 60 76	52 65 79	2361 1889 1554	7868	21.65	-	-	308	317	329	341	354	366	378	KL42 6YA0J	
		2	320M	96	91	1349	4496	19.69	-	229	239	249	258	268	278	288	298	See Foot-note <sup>4</sup>	
5.5	6	3	320H	76 96 120	79 102 128	2137 1655 1319	7868	21.65	-	-	308	317	329	341	354	366	378	KL42 6YA0J	
		4	2	320M	150 192 240 300 384 480 600	168 207 253 328 410 502 643	1005 815 667 515 412 336 263	4496	19.69	-	252	261	271	281	291	301	310	320	KL41-HD 6YA0K
7.5	4	3	320H	96 120 150	97 118 153	2373 1951 1504	7868	21.65	-	-	308	317	329	341	354	366	378	KL42 6YA0J	
		2	320M	192 240 300 384 480 600	207 253 328 410 502 643	1112 910 702 561 459 358	4496	19.69	-	252	261	271	281	291	301	310	320	KL41-HD 6YA0K	
10	2	3	320H	150 192 240	157 194 237	1955 1582 1295	7868	21.65	-	-	308	317	329	341	354	366	378	KL42 6YA0J	
		2	320M	300 384 480 600	335 415 506 655	916 740 607 469	4496	19.69	-	252	261	271	281	291	301	310	320	KL41-HD 6YA0K	
15	2	3	320H	240 300 384 480	237 307 384 470	1942 1500 1199 979	7868	43.31	← Special RL		Standard RL →						KL42 6YA0J		
		2	320M	600	655	703	4496	43.31	-	-	-	-	-	-	-	-	-	-	KL41-HD

- Use "nominal belt speed" to specify pulley. "Actual belt speed" is presented (for pulley lagged with 5/16" thick rubber) to assist with process design calculations. See Technical Precautions page 79. Note that "actual belt speed" decreases when lagging is not used due to decreased pulley diameter.
- Belt pull value allows for gearbox loss.
- Pulley must not be subjected to radial load exceeding "Maximum radial load" defined above. See "Belt Tension" section in Technical Precautions, page 80.
- Additional Motorized Pulley and Idler Pulley weight, specified per Roller Length: 31.50" ≤ RL < 62.99" Wt = 6.1 lbs/in; 62.99" ≤ RL ≤ 78.74" Wt = 11.7
- Weights above are for pulleys with 5/16" lagging and do not include mounting brackets. To calculate unlagged pulley wt. subtract 0.5 lbs/in of RL from above.