



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

60 Hz

Motor		No. Gear Stages	Model	Nominal belt speed ¹ at Full Load 60 Hz fpm	Actual belt speed ¹ at Full Load 60 Hz fpm	Belt Pull ² lbs	Max. Radial Load ³ 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 ⁵											
													longer than 31.50"							
1	8	2	320L	76	78	402	2585	17.72	-	180*	190	200	209	219	223	239	249			
				96	100	317														
				120	122	259														
				150	146	216														
				192	186	170														
				240	231	137														
				300	300	105														
1.5	4	2	320L	120	132	349	2585	17.72	-	185	194	204	214	224	234	243	253			
				150	157	294														
				192	199	233														
				240	243	190														
				300	292	159														
				384	371	124														
				480	462	100														
				600	602	77														
2	4	2	320L	120	132	476	2585	17.72	-	189	199	209	218	228	238	248	258			
				150	157	402														
				192	199	317														
				240	243	259														
				300	292	216														
				384	371	170														
				480	462	137														
				600	602	105														
3	4	2	320L	150	157	590	2585	17.72	-	189*	199	208	218	228	238	248	258			
				192	199	466														
				240	243	380														
				300	292	317														
				384	371	249														
				480	462	200														
				600	602	154														
4	4	2	320L	240	243	518	2585	19.69	-	-	207	217	227	237	247	257	266			
				300	292	433														
				384	371	340														
				480	462	273														
				600	602	210														
5.5	2	2	320L	300	314	536	2585	19.69	-	-	207	217	227	237	247	257	266			
				384	397	423														
				480	487	345														
				600	583	289														

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

Motor		No. Gear Stages	Model	Nominal belt speed ¹ at Full Load 60 Hz fpm	Actual belt speed ¹ at Full Load 60 Hz fpm	Belt Pull ² lbs	Max. Radial Load ³ 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 ⁵											
													longer than 33.46"							
1	12	3	320H	24	25	1241	7868	21.65	-	-	308*	317	329	341	354	366	378			
				30	32	984														
				38	41	774														
				48	54	581														
				60	69	461														
				76	83	377	4496	19.69	-	251*	261	271	281	291	301	310	320			
				96	108	291														
				120	135	233														
				150	166	190														
				192	212	148														
1.5	12	3	320H	24	25	1821	7868	21.65	-	-	308*	317	329	341	354	366	378			
				30	32	1444														
				38	41	1128														
				48	54	851														
				60	61	752	4496	19.69	-	251*	261	271	281	291	301	310	320			
				76	81	568														
				96	103	450														
				120	126	368														
				150	162	285														
				192	203	228														
				240	249	186														
				300	319	145														

1 Use "nominal belt speed" to specify pulley. "Actual belt speed" is presented (for pulley lagged with 1/4" thick rubber) to assist with process design calculations. See Technical Precautions page 77. Note that "actual belt speed" decreases when lagging is not used due to decreased pulley diameter.

2 Belt pull value allows for gearbox loss.

3 Pulley must not be subjected to radial load exceeding "Maximum radial load" defined above. See "Belt Tension" section in Technical Precautions, page 78.

4 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 lbs/in

5 All weights shown above are for pulleys with 1/4" thick lagging. To calculate unlagged pulley weight subtract 0.5 lbs/in of Roller Length from above.

* Special "Short Roller Length" Option



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

Motor			Model	Nominal belt speed ¹ at Full Load 60 Hz fpm	Actual belt speed ¹ at Full Load 60 Hz fpm	Belt Pull ² lbs	Max. Radial Load ³ T1 + T2 lbs	Min. RL in	RL Dimension inches (RL>78.74" available on request) Weight in lbs ⁵											Type of Bracket
Power HP	No. of Poles	No. Gear Stages							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	38 48	1655 1312	7868	21.65	-	-	308*	317	329	341	354	366	378	See Foot-note ⁴	KL42 6YA0J	
		2	320M	60 76 96 120 150 192 240 300	61 81 103 126 162 203 248 318	1026 774 614 503 389 311 253 198	4496	19.69	-	252*	261	271	281	291	301	310	320		KL41-HD 6YA0K	
3	8	3	320H	38 48	87 48	2427 1925	7868	21.65	-	-	308*	317	329	341	354	369	378	See Foot-note ⁴	KL42 6YA0J	
		2	320M	60 76 96	61 81 103	1505 1136 903	4496	19.69	-	252*	261	271	281	291	301	310	320		KL41-HD 6YA0K	
3	4	2	320M	120 150 192 240 300 384 480 600	123 163 206 251 324 406 498 637	752 568 450 368 285 228 186 145	4496	19.69	-	229*	239	249	258	268	278	288	298	See Foot-note ⁴	KL41-HD 6YA0K	
				3	320H	48 60 76	51 64 78	2483 1969 1613	7868	21.65	-	-	308*	317	329	341	354		366	378
4	4	2	320M	120 150 192 240 300 384 480 600	123 163 206 251 324 406 498 637	1026 774 614 503 389 311 253 198	4496	19.69	-	229*	239	249	258	268	278	288	298	See Foot-note ⁴	KL41-HD 6YA0K	
				3	320H	48 60 76	51 64 78	2483 1969 1613	7868	21.65	-	-	308*	317	329	341	354		366	378
5.5	4	2	320M	150 192 240 300 384 480 600	163 206 251 324 406 498 637	1032 819 670 518 414 338 264	4496	19.69	-	252*	261	271	281	291	301	310	320	See Foot-note ⁴	KL41-HD 6YA0K	
				3	320H	96 120 150	96 117 152	2406 1971 1523	7868	21.65	-	-	308*	317	329	341	354		366	378
7.5	4	2	320M	192 240 300 384 480 600	206 251 324 406 498 637	1125 923 713 569 465 363	4496	19.69	-	252*	261	271	281	291	301	310	320	See Foot-note ⁴	KL41-HD 6YA0K	
				3	320H	150 192 240	153 192 235	2069 1640 1344	7868	21.65	-	-	308*	317	329	341	354		366	378
10	2	2	320M	300 384 480 600	325 411 501 649	968 768 629 486	4496	19.69	-	-	261	271	281	291	301	310	320	See Foot-note ⁴	KL41-HD 6YA0K	
				3	320H	150 192 240	153 192 235	2069 1640 1344	7868	21.65	-	-	308*	317	329	341	354		366	378
Idler Pulley				Model UT320M			4496	17.72	118	128	138	148	158	167	177	187	197	See Foot-note ⁴	KL41-HD 6YA0K	
				Model UT320H			7868	17.72	131	143	153	163	173	183	193	202	212		KL42 6YA0J	

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