

TM315 Specifications

Type	HP	Belt speed in feet per minute (ft/min) Belt pull measured in pounds (lbs.)												Minimum length (L) in inches Design		Weight in pounds (lbs.) at L=23.62 inches			
		A	B											A	B				
TM315 - 410	10.0	959	787	709	567	520	503	444	387	335	309	288	267	(ft/min)	23.62	25.59	299.80		
		321	392	436	544	630	648	695	848	920	997	1140	1156	(belt pull)					
		241	222	182	*168	*144												(ft/min)	
		1335	1391	1755	1837	2144											(belt pull)		
TM315 - 475	7.5	959	787	709	567	520	503	444	387	335	309	288	267	(ft/min)	21.65	23.62	292.80		
		241	222	182	168	*144	*132	*120										(ft/min)	
		999	1043	1313	1378	1608	1754	1930										(belt pull)	
TM315 - 455	5.5	959	787	709	567	520	503	444	387	335	309	288	267	(ft/min)	19.69	21.65	291.00		
		180	228	250	309	340	355	401	460	541	580	621	672	(belt pull)					
		241	222	182	168	144	132	*120										(ft/min)	
		732	811	990	1070	1252	1371	1504							(belt pull)				
TM315 - 65	5.0	631	517	465	373	343	279	253	203	158	120	111	94	(ft/min)	19.69	21.65	291.00		
		245	299	331	414	450	554	610	760	975	1371	1390	1634	(belt pull)					
		87	*76											(ft/min)					
		1765	2021											(belt pull)					
TM315 - 44	4.0	520	425	385	307	241	182	168	144	132	120	(ft/min)	19.69	21.65	282.20				
		238	290	321	402	512	679	736	857	934	1025	(belt pull)							
TM315 - 64	4.0	631	517	465	373	343	279	253	203	158	120	111	94	(ft/min)	19.69	21.65	291.00		
		196	239	265	331	360	443	488	608	780	1095	1112	1307	(belt pull)					
		87	*76											(ft/min)					
		1412	1617											(belt pull)					
TM315 - 63	3.0	343	279	253	203	158	120	111	94	87	76	(ft/min)	19.69	21.65	282.20				
		270	332	366	456	585	769	834	980	1058	1221	(belt pull)							
TM315 - 83	3.0	250	206	187	149	116	87	80	71	66	59	(ft/min)	19.69	21.65	291.00				
		371	450	497	623	800	1059	1154	1307	1406	1568	(belt pull)							
TM315 - 82	2.0	250	206	187	149	116	87	80	71	66	59	(ft/min)	19.69	21.65	291.00				
		247	300	331	415	533	706	769	871	937	1045	(belt pull)							
TM315 - 122	2.0	163	132	120	94	76	57	52	45	40	38	(ft/min)	19.69	21.65	291.00				
		379	467	512	653	806	1089	1188	1376	1548	1633	(belt pull)							
TM315 - 815	1.5	250	206	187	149	116	87	80	71	66	59	(ft/min)	19.69	21.65	282.20				
		185	225	248	311	400	530	576	653	702	784	(belt pull)							

* Please consult the Van der Graaf technical department for use of these speeds.

- Other belt speeds and face widths are available.
- The total weight of the unit increases by 3.92 pounds per inch above 23.62 inches.
- When the drive is supplied with lagging, the covered face width is reduced by 1.18 inches.
- Belt speed is measured on the center of the unit without lagging.
- **Listed belt speeds are under full load conditions and may be higher under no load conditions.**
- When an electromagnetic brake is required, the minimum face width is increased by 5.91 inches.

NOTE: TM315 type drum motors are available in all standard voltages and are electrically reversible.