

TM160 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=13.78 inches	
		A	B														
TM160 - 22	2.00	935	782	652	593	489	397	354	317	295	274	265	241	(ft/min)	13.78	15.75	67.10
		66	79	95	104	126	156	186	195	209	225	233	256	(belt pull)			
TM160 - 42	2.00	215	203	189	*160	*146								(ft/min)	15.75	17.72	68.50
		287	304	327	410	448								(belt pull)			
TM160 - 415	1.50	468	392	326	298	243	198	177	158	151	139	132	120	(ft/min)	13.78	15.75	67.10
		99	118	142	156	190	233	279	293	306	332	350	384	(belt pull)			
TM160 - 41	1.00	109	102	94	*80	*73								(ft/min)	13.78	15.75	64.90
		426	456	490	575	630								(belt pull)			
TM160 - 61	1.00	468	392	326	298	243	198	177	158	151	139	132	120	(ft/min)	15.75	17.72	68.50
		66	79	95	104	127	156	174	195	204	221	233	256	(belt pull)			
TM160 - 475	0.75	312	262	217	198	163	132	118	106	99	92	87	80	(ft/min)	13.78	15.75	63.80
		99	117	143	156	189	233	261	291	311	335	353	384	(belt pull)			
TM160 - 675	0.75	71	69	64	54	*47								(ft/min)	13.78	15.75	67.10
		436	451	484	568	702								(belt pull)			
TM160 - 875	0.75	468	392	326	298	243	198	177	158	151	123	120	109	(ft/min)	15.75	17.72	68.50
		49	59	71	78	95	117	131	146	160	188	192	213	(belt pull)			
TM160 - 605	0.50	102	94	80	73									(ft/min)	13.78	15.75	64.90
		228	245	288	316									(belt pull)			
TM160 - 805	0.50	312	262	217	198	163	132	118	106	99	92	87	80	(ft/min)	13.78	15.75	67.10
		74	88	107	117	142	175	196	218	233	251	265	288	(belt pull)			
TM160 - 634	0.34	71	69	64	54	47								(ft/min)	13.78	15.75	63.80
		327	338	363	426	489								(belt pull)			
TM160 - 834	0.34	234	196	163	149	123	99	90	78	61	52	50	47	(ft/min)	13.78	15.75	67.10
		100	124	149	164	198	245	270	312	400	472	490	522	(belt pull)			
TM160 - 1213	0.13	40	35											(ft/min)	13.78	15.75	64.90
		614	702											(belt pull)			
TM160 - 834	0.34	312	262	217	198	163	132	118	106	99	92	87	80	(ft/min)	13.78	15.75	63.80
		34	40	48	53	64	79	89	99	110	120	125	138	(belt pull)			
TM160 - 834	0.34	69	94	54	47									(ft/min)	13.78	15.75	67.10
		153	165	193	222									(belt pull)			
TM160 - 834	0.34	234	196	163	149	123	99	90	78	61	52	50	47	(ft/min)	13.78	15.75	67.10
		45	54	64	71	85	106	117	135	171	202	212	222	(belt pull)			
TM160 - 1213	0.13	40	35											(ft/min)	13.78	15.75	64.90
		261	296											(belt pull)			
TM160 - 1213	0.13	151	125	104	94	78	64	57	52	40	33	31	26	(ft/min)	13.78	15.75	64.90
		27	32	39	42	51	63	71	77	100	121	131	154	(belt pull)			
TM160 - 1213	0.13	24												(ft/min)	13.78	15.75	64.90
		170												(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 1.4 pounds per inch above 13.78 inches.
- When the drive is supplied with lagging, the covered face width is reduced by 0.87 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 3.94 inches.

NOTE: TM160 type drum motors are available in all standard voltages and are electrically reversible.

