

TM400 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=25.59 inches
		A	B												A	B	
TM400 - 420	20.0	869	628	579	524	491	413	380	347	300	250	*210	*182	(ft/min)	27.56	29.53	539.40
		759	1050	1130	1251	1343	1680	1729	2000	2315	2774	3302	3810	(belt pull)			
TM400 - 415	15.0	*151												(ft/min)	25.59	29.53	534.60
		4593	(belt pull)														
TM400 - 410	10.0	869	628	579	524	491	413	380	347	300	250	*210	*182	(ft/min)	23.62	25.59	507.10
		355	491	555	589	665	774	812	939	1037	1244	1468	1697	(belt pull)			
TM400 - 475	7.5	524	380	298	224	210	182	151						(ft/min)	23.62	25.59	496.00
		441	609	778	1032	1101	1273	1531	(belt pull)								
TM400 - 675	7.5	345	248	196	146	137	118	99						(ft/min)	23.62	25.59	496.00
		671	933	1181	1580	1690	1960	2333	(belt pull)								
TM400 - 455	5.5	524	380	298	224	210	182	151						(ft/min)	23.62	25.59	485.00
		324	446	570	756	807	933	1123	(belt pull)								
TM400 - 655	5.5	345	248	196	146	137	118	99						(ft/min)	23.62	25.59	485.00
		448	623	788	1054	1126	1306	1555	(belt pull)								
TM400 - 44	4.0	524	380	298	224	210	182	151						(ft/min)	23.62	25.59	474.00
		235	325	415	550	587	679	817	(belt pull)								
TM400 - 84	4.0	253	182	144	109	102	87	73						(ft/min)	23.62	25.59	496.00
		488	679	857	1136	1215	1413	1686	(belt pull)								
TM400 - 83	3.0	253	182	144	109	102	87	73						(ft/min)	23.62	25.59	485.00
		366	509	643	852	912	1059	1264	(belt pull)								
TM400 - 123	3.0	163	118	92	69	66	57	47						(ft/min)	23.62	25.59	507.10
		568	784	1005	1352	1400	1633	1960	(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 6.72 pounds per inch above 25.59 inches.
- When the drive is supplied with lagging, the covered face width is reduced by 1.42 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: TM400 type drum motors are available in all standard voltages and are electrically reversible.