

TM500A60 Specifications

Type	HP	Belt speed in feet per minute (ft/min) Belt pull measured in pounds (lbs.)														Minimum length (L) in inches	Weight in pounds (lbs.) at L=25.59 inches
TM500A60 - 420	20.0	1086 568	785 785	724 850	655 948	614 1005	516 1193	475 1340	434 1420	375 1644	313 1965	263 2356	228 2718	189 3265	(ft/min) (belt pull)	27.56	773.8
TM500A60 - 415	15.0	1086 426	785 589	724 650	655 710	614 754	516 895	475 1010	434 1065	375 1233	313 1474	263 1767	228 2039	189 2449	(ft/min) (belt pull)	25.59	763.5
TM500A60 - 410	10.0	1086 284	785 392	724 420	655 470	614 827	516 620	475 650	434 742	375 827	313 1024	263 1177	228 1361	189 1633	(ft/min) (belt pull)	23.62	745.1
TM500A60 - 475	7.5	657 353	475 488	373 629	281 823	262 883	227 1021	189 1225							(ft/min) (belt pull)	23.62	734.1
TM500A60 - 675	7.5	432 536	309 749	246 942	184 1256	172 1342	149 1556	125 1849							(ft/min) (belt pull)	23.62	734.1
TM500A60 - 455	5.5	657 259	475 358	373 455	281 604	262 647	227 749	189 898							(ft/min) (belt pull)	23.62	723.1
TM500A60 - 655	5.5	432 358	309 499	246 629	184 838	172 895	149 1038	125 1233							(ft/min) (belt pull)	23.62	723.1
TM500A60 - 44	4.0	657 188	475 260	373 331	281 439	262 471	227 544	189 653							(ft/min) (belt pull)	23.62	712.1
TM500A60 - 84	4.0	317 390	227 544	180 688	137 901	128 968	109 1136	92 1340							(ft/min) (belt pull)	23.62	734.1
TM500A60 - 83	3.0	317 293	227 408	180 516	137 676	128 726	109 852	92 1005							(ft/min) (belt pull)	23.62	723.1
TM500A60 - 123	3.0	203 456	149 622	116 800	85 1089	83 1120	71 1307	59 1568							(ft/min) (belt pull)	23.62	745.1

- Other belt speeds and face widths are available.
 - The total weight of the unit increases by 10.64 pounds per inch above 25.59 inches.
 - When the drive is supplied with lagging, the covered face width is reduced by 1.97 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: TM500A60 type drum motors are available in all standard voltages and are electrically reversible.

TM500A75 Specifications

Type	HP	Belt speed in feet per minute (ft/min) Belt pull measured in pounds (lbs.)														Minimum length (L) in inches	Weight in pounds (lbs.) at L=33.46 inches
TM500A75 - 440	40.0	744 1777	591 2231	472 2795	378 3491										(ft/min) (belt pull)	33.46	1,100
TM500A75 - 430	30.0	744 1241	591 1563	472 1954	378 2443										(ft/min) (belt pull)	33.46	1,100
TM500A75 - 425	25.0	744 1043	591 1315	472 1643	378 2054	*312 2490									(ft/min) (belt pull)	33.46	1,078
TM500A75 - 620	20.0	472 1332	378 1665	295 2132	236 2665										(ft/min) (belt pull)	33.46	1,100
TM500A75 - 815	15.0	378 1221	295 1563	236 1954	189 2443										(ft/min) (belt pull)	33.46	1,100

- * 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 14.39 pounds per inch above 33.46 inches.
 - When the drive is supplied with lagging, the covered face width is reduced by 1.97 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.**
- NOTE: TM500A75 type drum motors are available in all standard voltages and are electrically reversible.