

TM500A75 SERIES**(20.0" diameter)****SPECIFICATIONS**

TM500A75 - 450 (50.0 HP 1740 RPM)				Minimum Face Width (L): DESIGN A = 37.40" WEIGHT = 1100.0 LBS. @ L=33.46"	
V (ft/min)	750	590	468	368	
NLV (ft/min)	771	607	481	379	
BP (lbs)	2199	2795	3524	4481	
T' lbs.	1793	2279	2873	3654	
WITH 0.25" LAGGING					
V (ft/min)	769	605	480	377	
NLV (ft/min)	791	622	493	388	
BP (lbs)	2144	2725	3436	4370	
T' lbs.	1793	2279	2873	3654	
TM500A75 - 440 (40.0 HP 1740 RPM)				Minimum Face Width (L): DESIGN A = 37.40" WEIGHT = 1100.0 LBS. @ L=33.46"	
V (ft/min)	750	590	468	368	
NLV (ft/min)	771	607	481	379	
BP (lbs)	1763	2241	2825	3592	
T' lbs.	1450	1843	2324	2954	
WITH 0.25" LAGGING					
V (ft/min)	769	605	480	377	
NLV (ft/min)	791	622	493	388	
BP (lbs)	1719	2185	2756	3503	
T' lbs.	1450	1843	2324	2954	
TM500A75 - 430 (30.0 HP 1740 RPM)				Minimum Face Width (L): DESIGN A = 33.46" WEIGHT = 1100.0 LBS. @ L=33.46"	
V (ft/min)	750	590	468	368	
NLV (ft/min)	771	607	481	379	
BP (lbs)	1322	1680	2119	2694	
T' lbs.	1087	1382	1743	2216	
WITH 0.25" LAGGING					
V (ft/min)	769	605	480	377	
NLV (ft/min)	791	622	493	388	
BP (lbs)	1289	1639	2067	2627	
T' lbs.	1087	1382	1743	2216	
TM500A75 - 425 (25.0 HP 1740 RPM)				Minimum Face Width (L): DESIGN A = 33.46" WEIGHT = 1078.0 LBS. @ L=33.46"	
V (ft/min)	750	590	468	368	
NLV (ft/min)	771	607	481	379	
BP (lbs)	1102	1400	1766	2245	
T' lbs.	906	1152	1452	1846	

V = Velocity **NLV** = No Load Velocity **BP** = Belt Pull **T** = Torque **RPM** = Internal Electric Motor RPM

NOTE: Total weight of the unit increases by 14.39 lbs. per inch above 33.46 inches.

All drum motors are available in all standard voltages and are electrically reversible. Other belt speeds and face widths are available. Please consult **Van der Graaf: +1 905 793-8100**.



TM500A75 SERIES**(20.0" diameter)****SPECIFICATIONS****WITH 0.25" LAGGING**

V (ft/min)	769	605	480	377
NLV (ft/min)	791	622	493	388
BP (lbs)	1074	1366	1722	2189
T ' lbs.	906	1152	1452	1846

TM500A75 - 620 (20.0 HP 1150 RPM) Minimum Face Width (L): DESIGN A = 33.46" WEIGHT = 1100.0 LBS. @ L=33.46"

V (ft/min)	500	393	312	245
NLV (ft/min)	514	405	321	252
BP (lbs)	1322	1680	2119	2694
T ' lbs.	1087	1382	1743	2216

WITH 0.25" LAGGING

V (ft/min)	513	403	320	251
NLV (ft/min)	527	415	329	259
BP (lbs)	1289	1639	2067	2627
T ' lbs.	1087	1382	1743	2216

TM500A75 - 815 (15.0 HP 875 RPM) Minimum Face Width (L): DESIGN A = 33.46" WEIGHT = 1100.0 LBS. @ L=33.46"

V (ft/min)	375	295	234	184
NLV (ft/min)	386	303	240	189
BP (lbs)	1322	1680	2119	2694
T ' lbs.	1087	1382	1743	2216

WITH 0.25" LAGGING

V (ft/min)	384	302	240	189
NLV (ft/min)	395	311	247	194
BP (lbs)	1289	1639	2067	2627
T ' lbs.	1087	1382	1743	2216

V = Velocity **NLV** = No Load Velocity **BP** = Belt Pull **T** = Torque **RPM** = Internal Electric Motor RPM

NOTE: Total weight of the unit increases by **14.39 lbs. per inch above 33.46 inches.**

All drum motors are available in all standard voltages and are electrically reversible. Other belt speeds and face widths are available. *Please consult Van der Graaf: +1 905 793-8100.*

