

TM215 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=19.69 inches | |
|--------------|------|---|-------------------------|-------------------------|-------------------------|-------------------------|------------|------------|------------|------------|------------|------------|-------------|-------------|--|-------|---|--------|
| | | A | B | | | | | | | | | | | | | | | |
| TM215 - 255 | 5.50 | 1369 124 | 1128 149 | 921 182 | 831 202 | 666 252 | 590 284 | 472 355 | 406 413 | 364 461 | 340 494 | 312 538 | 287 630 | 260 690 | (ft/min) (belt pull) | 19.69 | 21.65 | 161.10 |
| TM215 - 44 | 4.00 | 685 180 | 565 219 | 461 268 | 416 297 | 333 371 | 295 418 | 236 523 | 203 608 | 182 679 | 170 726 | 156 792 | *144 858 | *130 950 | (ft/min) (belt pull) | 19.69 | 21.65 | 161.10 |
| | | *120 1029 | *111 1113 | *102 1211 | *92 1343 | (ft/min) (belt pull) | | | | | | | | | | | | |
| TM215 - 43 | 3.00 | 685 135 | 565 164 | 487 190 | 402 231 | 328 282 | 295 314 | 236 392 | 210 440 | 182 543 | 168 552 | 156 634 | 144 643 | 130 713 | (ft/min) (belt pull) | 16.73 | 19.69 | 154.50 |
| | | 120 769 | 111 834 | *102 907 | *92 1006 | (ft/min) (belt pull) | | | | | | | | | | | | |
| TM215 - 63 | 3.00 | 451 206 | 371 249 | 321 288 | 265 350 | 215 430 | 194 479 | 156 594 | 137 677 | 120 820 | 111 834 | 94 980 | 85 1089 | 80 1154 | (ft/min) (belt pull) | 19.69 | 21.65 | 161.10 |
| | | 73 1265 | 66 1400 | *61 1514 | (ft/min) (belt pull) | | | | | | | | | | | | | |
| TM215 - 42 | 2.00 | 685 90 | 565 109 | 487 127 | 402 154 | 328 188 | 295 209 | 236 261 | 210 294 | 184 335 | 161 384 | 144 428 | 130 475 | 120 512 | (ft/min) (belt pull) | 16.73 | 19.69 | 150.10 |
| | | 111 556 | 102 608 | 92 670 | (ft/min) (belt pull) | | | | | | | | | | | | | |
| TM215 - 62 | 2.00 | 451 137 | 371 166 | 321 192 | 265 233 | 215 287 | 194 319 | 156 396 | 137 451 | 120 540 | 111 556 | 94 653 | 85 726 | 80 769 | (ft/min) (belt pull) | 19.69 | 21.65 | 161.10 |
| | | 73 843 | 66 933 | *61 1009 | (ft/min) (belt pull) | | | | | | | | | | | | | |
| TM215 - 415 | 1.50 | 487 95 | 402 115 | 328 141 | 295 157 | 236 196 | 210 220 | 184 251 | 161 288 | 139 332 | 130 356 | 120 384 | 111 417 | 102 456 | (ft/min) (belt pull) | 16.73 | 19.69 | 145.70 |
| | | 92 503 | (ft/min) (belt pull) | | | | | | | | | | | | | | | |
| TM215 - 615 | 1.50 | 321 144 | 265 175 | 215 215 | 194 239 | 156 297 | 137 338 | 120 384 | 113 408 | 111 417 | 94 490 | 85 544 | 80 576 | 73 632 | (ft/min) (belt pull) | 16.73 | 19.69 | 154.50 |
| | | 66 700 | 61 754 | (ft/min) (belt pull) | | | | | | | | | | | | | | |
| TM215 - 815 | 1.50 | 236 164 | 194 199 | 158 243 | 142 272 | 113 340 | 102 380 | 90 430 | 78 495 | 66 584 | 61 629 | 59 654 | 54 710 | 50 778 | (ft/min) (belt pull) | 19.69 | 21.65 | 161.10 |
| | | 45 860 | (ft/min) (belt pull) | | | | | | | | | | | | | | | |
| TM215 - 61 | 1.00 | 321 96 | 265 117 | 215 144 | 194 159 | 156 198 | 137 225 | 120 256 | 113 272 | 92 335 | 85 363 | 80 384 | 73 421 | 66 467 | (ft/min) (belt pull) | 16.73 | 19.69 | 150.10 |
| | | 61 503 | (ft/min) (belt pull) | | | | | | | | | | | | | | | |
| TM215 - 81 | 1.00 | 236 131 | 194 159 | 158 195 | 142 218 | 113 272 | 102 304 | 90 344 | 78 396 | 66 467 | 61 503 | 59 523 | 54 568 | 50 622 | (ft/min) (belt pull) | 16.73 | 19.69 | 154.50 |
| | | 45 688 | (ft/min) (belt pull) | | | | | | | | | | | | | | | |
| TM215 - 675 | 0.75 | 321 72 | 265 87 | 215 108 | 194 120 | 156 148 | 137 169 | 120 192 | 113 204 | 92 251 | 85 272 | 80 288 | 73 316 | 66 350 | (ft/min) (belt pull) | 16.73 | 19.69 | 145.70 |
| | | 61 377 | (ft/min) (belt pull) | | | | | | | | | | | | | | | |
| TM215 - 875 | 0.75 | 236 98 | 194 120 | 158 146 | 142 163 | 113 204 | 102 228 | 90 258 | 78 297 | 66 350 | 61 377 | 59 392 | 54 426 | 50 467 | (ft/min) (belt pull) | 16.73 | 19.69 | 150.10 |
| | | 45 516 | (ft/min) (belt pull) | | | | | | | | | | | | | | | |
| TM215 - 1275 | 0.75 | 151 153 | 125 185 | 102 228 | 92 252 | 73 317 | 66 350 | 57 408 | 50 467 | 43 545 | 40 576 | 38 612 | 35 654 | 33 701 | (ft/min) (belt pull) | 16.73 | 19.69 | 150.10 |
| | | 28 816 | (ft/min) (belt pull) | | | | | | | | | | | | | | | |
| TM215 - 805 | 0.50 | 236 65 | 194 80 | 158 98 | 142 109 | 113 136 | 102 152 | 90 172 | 78 198 | 66 233 | 61 251 | 59 261 | 54 284 | 50 311 | (ft/min) (belt pull) | 16.73 | 19.69 | 145.70 |
| | | 45 344 | (ft/min) (belt pull) | | | | | | | | | | | | | | | |
| TM215 - 1205 | 0.50 | 151 102 | 125 123 | 102 152 | 92 168 | 73 211 | 60 233 | 57 272 | 50 311 | 43 363 | 40 384 | 38 408 | 35 436 | 33 467 | (ft/min) (belt pull) | 16.73 | 19.69 | 154.50 |
| | | 28 544 | (ft/min) (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 2.52 pounds per inch above 19.69 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 3.94 inches.
- NOTE: TM215 type drum motors are available in all standard voltages and are electrically reversible.