

TM315 SERIES 12.5" diameter



TM315B50 Drum Motor

15.0 HP

| | | | | | | |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| V (ft/min) M/G | 661 2/S2 | 591 2/S2 | 567 2/S2 | 520 2/S2 | 449 2/S2 | 378 2/S2 |
| Belt Pull (ft.lbs) | 698 | 782 | 814 | 888 | 1029 | 1185 |
| Drum RPM | 204 | 182 | 175 | 160 | 138 | 116 |

10.0 HP

| | | | | | | | | | | |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| V (ft/min) M/G | 638 4/S2 | 567 4/S2 | 520 4/S2 | 449 4/S2 | 402 4/S2 | 354 4/S2 | 331 4/S2 | 295 4/S2 | 283 4/S2 | 260 4/S2 |
| Belt Pull (ft.lbs) | 493 | 555 | 606 | 701 | 784 | 888 | 952 | 1066 | 1110 | 1211 |
| Drum RPM | 197 | 175 | 160 | 138 | 124 | 109 | 102 | 91 | 87 | 80 |

7.5 HP

| | | | | | | | | | | | | |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| V (ft/min) M/G | 638 4/S2 | 567 4/S2 | 520 4/S2 | 449 4/S2 | 402 4/S2 | 354 4/S2 | 331 4/S2 | 295 4/S2 | 268 4/S2 | 260 4/S2 | 224 4/S2 | 189 4/S2 |
| Belt Pull (ft.lbs) | 362 | 407 | 444 | 514 | 575 | 651 | 698 | 782 | 814 | 888 | 1029 | 1185 |
| Drum RPM | 197 | 175 | 160 | 138 | 124 | 109 | 102 | 91 | 83 | 80 | 69 | 58 |

5.0 HP

| | | | | | | | | | | | | | | | |
|------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| V (ft/min) M/G | 638 4/S2 | 567 4/S2 | 543 4/S2 | 449 4/S2 | 402 4/S2 | 354 4/S2 | 331 4/S2 | 283 4/S2 | 268 4/S2 | 213 4/S2 | 189 4/S2 | 165 4/S2 | 154 4/S2 | 142 4/S2 | 130 4/S2 |
| Belt Pull (lbs) | 245 | 276 | 288 | 349 | 390 | 442 | 473 | 552 | 602 | 736 | 790 | 947 | 1019 | 1104 | 1205 |
| Drum RPM | 197 | 175 | 167 | 138 | 124 | 109 | 102 | 87 | 83 | 66 | 58 | 51 | 47 | 44 | 40 |

V = Belt Speed (ft/min)

M/G = Motor/Gear Reducer Configuration (at rated horsepower)

High Speed
Low Torque



Low Speed
High Torque