

SSV TM215 SERIES SPECIFICATIONS (8.5" diameter)



7.5 HP

| | | | | | | | | | | | | | | | |
|------------------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|
| V (ft/min) M/G | 1117 2/S2 | 912 2/S2 | 821 2/S2 | 657 2/S2 | 583 2/S2 | 547 2/S3 | 465 2/S2 | 403 2/S2 | 358 2/S2 | 335 2/S2 | 310 2/S2 | 255 2/S2 | 228 2/S3 | 142 2/PL2 | 129 2/PL2 |
| Belt Pull (lbs) | 198 | 243 | 270 | 337 | 285 | 405 | 476 | 549 | 618 | 662 | 715 | 651 | 972 | 1559 | 1714 |
| Drum RPM | 504 | 412 | 371 | 297 | 263 | 247 | 210 | 182 | 162 | 151 | 140 | 115 | 103 | 64 | 58 |

5.0 HP

| | | | | | | | | | | | | | | | |
|------------------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| V (ft/min) M/G | 1117 2/S2 | 912 2/S2 | 821 2/S2 | 657 2/S2 | 583 2/S2 | 547 2/S3 | 465 2/S2 | 403 2/S2 | 358 2/S2 | 335 2/S2 | 310 2/S2 | 275 4/S3 | 255 2/S2 | 238 2/S2 | 234 4/S2 |
| Belt Pull (lbs) | 162 | 198 | 220 | 275 | 310 | 331 | 389 | 449 | 506 | 540 | 584 | 598 | 710 | 760 | 703 |
| Drum RPM | 503 | 411 | 370 | 296 | 263 | 246 | 209 | 182 | 161 | 151 | 140 | 124 | 115 | 107 | 105 |

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|------------------------|----------|----------|----------|----------|----------|-----------|-----------|----------|----------|----------|
| V (ft/min) M/G | 228 2/S3 | 221 2/S3 | 202 4/S3 | 198 2/S3 | 162 2/S3 | 142 2/PL2 | 129 2/PL2 | 114 4/S3 | 71 4/PL2 | 65 4/PL2 |
| Belt Pull (lbs) | 794 | 819 | 815 | 914 | 1117 | 1275 | 1403 | 1443 | 2317 | 2531 |
| Drum RPM | 103 | 100 | 91 | 89 | 73 | 64 | 58 | 51 | 32 | 29 |

3.0 HP

| | | | | | | | | | | | | | | | |
|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| V (ft/min) M/G | 679 4/S2 | 559 4/S2 | 483 4/S2 | 398 4/S2 | 325 4/S2 | 293 4/S2 | 233 4/S2 | 234 4/S2 | 208 4/S2 | 202 4/S2 | 166 4/S2 | 155 4/S2 | 144 4/S2 | 128 4/S2 | 119 4/S2 |
| Belt Pull (lbs) | 130 | 158 | 183 | 222 | 272 | 302 | 379 | 377 | 425 | 437 | 533 | 569 | 614 | 692 | 741 |
| Drum RPM | 307 | 253 | 218 | 180 | 147 | 132 | 105 | 106 | 94 | 91 | 75 | 70 | 65 | 58 | 54 |

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|------------------------|----------|---------|---------|----------|---------|----------|---------|----------|----------|
| V (ft/min) M/G | 114 4/S3 | 99 4/S3 | 81 4/S3 | 71 4/PL2 | 70 4/S3 | 65 4/PL2 | 63 4/S3 | 47 6/PL2 | 43 6/PL2 |
| Belt Pull (lbs) | 774 | 893 | 1087 | 1241 | 1254 | 1365 | 1412 | 1887 | 2075 |
| Drum RPM | 52 | 45 | 37 | 32 | 32 | 29 | 28 | 21 | 19 |

2.0 HP

| | | | | | | | | | | | | | | | |
|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| V (ft/min) M/G | 685 4/S2 | 564 4/S2 | 488 2/S2 | 402 4/S2 | 376 6/S2 | 328 4/S2 | 295 4/S2 | 236 4/S2 | 210 4/S2 | 204 4/S2 | 197 6/S2 | 185 4/S2 | 167 4/S2 | 157 6/S2 | 145 4/S2 |
| Belt Pull (lbs) | 82 | 99 | 115 | 140 | 164 | 171 | 190 | 237 | 267 | 275 | 314 | 304 | 335 | 394 | 386 |
| Drum RPM | 309 | 255 | 220 | 181 | 170 | 148 | 133 | 107 | 95 | 92 | 89 | 83 | 76 | 71 | 65 |

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|------------------------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|----------|---------|----------|
| V (ft/min) M/G | 136 6/S2 | 129 4/S2 | 120 4/S2 | 111 4/S2 | 104 6/S2 | 97 6/S2 | 86 6/S2 | 77 6/S3 | 71 4/S3 | 67 6/S3 | 55 6/S3 | 48 6/PL2 | 47 6/S3 | 44 6/PL2 |
| Belt Pull (lbs) | 455 | 435 | 466 | 503 | 592 | 639 | 719 | 805 | 789 | 928 | 1131 | 1291 | 1304 | 1419 |
| Drum RPM | 61 | 58 | 54 | 50 | 47 | 44 | 39 | 35 | 32 | 30 | 25 | 22 | 21 | 20 |

V = Belt Speed (ft/min)

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

High Speed
Low Torque

2/S2 4/S2 6/S2 2/S3 4/S3 6/S3 2/PL2 4/PL2 6/PL2 2/PL3 4/PL3 6/PL3

Low Speed
High Torque