



Variable Speed Table

2000 rpm – 4000 rpm

VAR-K010MSP-0

| SCL K10-MS-MOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--------|-------|------|-------|-------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 2000 | | | 2250 | | | 2500 | | | 2750 | | | 2900 | | | 3250 | | | 3500 | | | 3750 | | | 4000 | | |
| Pressure | dp | Q | Pow | E.M. | Q | Pow | E.M. | Q | Pow | E.M. | Q | Pow | E.M. | Q | Pow | E.M. | Q | Pow | E.M. | Q | Pow | E.M. | Q | Pow | E.M. | Q | Pow | E.M. |
| | [mbar] | [cfm] | [hp] | [hp] | [cfm] | [hp] | [hp] | [cfm] | [hp] | [hp] | [cfm] | [hp] | [hp] | [cfm] | [hp] | [hp] | [cfm] | [hp] | [hp] | [cfm] | [hp] | [hp] | [cfm] | [hp] | [hp] | [cfm] | [hp] | [hp] |
| 500 | 200 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 316 | 22.37 | 25.00 | - | - | - | - | - | - |
| 475 | 190 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 328 | 21.47 | 25.00 | 383 | 23.68 | 25.00 | - | - | - |
| 450 | 180 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 340 | 20.56 | 25.00 | 394 | 22.71 | 25.00 | - | - | - |
| 425 | 170 | - | - | - | - | - | - | - | - | - | - | - | - | 215 | 15.18 | 20.00 | 297 | 17.70 | 20.00 | 352 | 19.66 | 25.00 | 405 | 21.74 | 25.00 | - | - | - |
| 400 | 160 | - | - | - | - | - | - | - | - | - | - | - | - | 229 | 14.43 | 20.00 | 310 | 16.86 | 20.00 | 364 | 18.75 | 20.00 | 416 | 20.77 | 25.00 | 467 | 22.92 | 25.00 |
| 375 | 150 | - | - | - | - | - | - | - | - | - | 208 | 12.74 | 15.00 | 244 | 13.68 | 15.00 | 322 | 16.02 | 20.00 | 376 | 17.84 | 20.00 | 428 | 19.80 | 25.00 | 478 | 21.89 | 25.00 |
| 350 | 140 | - | - | - | - | - | - | - | - | - | 223 | 12.03 | 15.00 | 258 | 12.93 | 15.00 | 335 | 15.18 | 20.00 | 388 | 16.94 | 20.00 | 439 | 18.83 | 20.00 | 488 | 20.85 | 25.00 |
| 325 | 130 | - | - | - | - | - | - | 179 | 9.96 | 15.00 | 238 | 11.32 | 15.00 | 272 | 12.18 | 15.00 | 348 | 14.34 | 20.00 | 400 | 16.03 | 20.00 | 450 | 17.86 | 20.00 | 499 | 19.82 | 25.00 |
| 300 | 120 | - | - | - | - | - | - | 196 | 9.31 | 15.00 | 254 | 10.60 | 15.00 | 287 | 11.43 | 15.00 | 361 | 13.50 | 15.00 | 412 | 15.13 | 20.00 | 461 | 16.89 | 20.00 | 509 | 18.78 | 20.00 |
| 275 | 110 | - | - | - | 152 | 7.54 | 15.00 | 212 | 8.67 | 15.00 | 269 | 9.89 | 15.00 | 301 | 10.68 | 15.00 | 374 | 12.66 | 15.00 | 424 | 14.22 | 15.00 | 472 | 15.92 | 20.00 | 520 | 17.75 | 20.00 |
| 250 | 100 | - | - | - | 171 | 6.95 | 15.00 | 229 | 8.02 | 15.00 | 284 | 9.18 | 15.00 | 316 | 9.93 | 15.00 | 387 | 11.82 | 15.00 | 436 | 13.32 | 15.00 | 483 | 14.95 | 20.00 | 530 | 16.72 | 20.00 |
| 225 | 90 | 129 | 5.45 | 15.00 | 190 | 6.37 | 15.00 | 246 | 7.37 | 15.00 | 299 | 8.47 | 10.00 | 330 | 9.18 | 10.00 | 400 | 10.98 | 15.00 | 448 | 12.41 | 15.00 | 495 | 13.98 | 15.00 | 541 | 15.68 | 20.00 |
| 200 | 80 | 150 | 4.93 | 15.00 | 208 | 5.79 | 15.00 | 263 | 6.73 | 10.00 | 315 | 7.76 | 10.00 | 345 | 8.43 | 10.00 | 413 | 10.14 | 15.00 | 460 | 11.51 | 15.00 | 506 | 13.01 | 15.00 | 551 | 14.65 | 20.00 |
| 175 | 70 | 171 | 4.42 | 10.00 | 227 | 5.21 | 10.00 | 279 | 6.08 | 10.00 | 330 | 7.05 | 10.00 | 359 | 7.68 | 10.00 | 426 | 9.30 | 10.00 | 472 | 10.60 | 15.00 | 517 | 12.04 | 15.00 | 562 | 13.61 | 15.00 |
| 150 | 60 | 192 | 3.90 | 10.00 | 245 | 4.62 | 10.00 | 296 | 5.43 | 10.00 | 345 | 6.34 | 7.50 | 374 | 6.93 | 7.50 | 439 | 8.46 | 10.00 | 484 | 9.70 | 15.00 | 528 | 11.07 | 15.00 | 572 | 12.58 | 15.00 |
| 125 | 50 | 213 | 3.38 | 7.50 | 264 | 4.04 | 7.50 | 313 | 4.79 | 7.50 | 360 | 5.63 | 7.50 | 388 | 6.18 | 7.50 | 451 | 7.62 | 10.00 | 496 | 8.79 | 10.00 | 539 | 10.10 | 15.00 | 583 | 11.54 | 15.00 |
| 100 | 40 | 234 | 2.86 | 7.50 | 283 | 3.46 | 7.50 | 330 | 4.14 | 7.50 | 376 | 4.91 | 7.50 | 403 | 5.43 | 7.50 | 464 | 6.78 | 7.50 | 508 | 7.89 | 10.00 | 551 | 9.13 | 10.00 | 593 | 10.51 | 15.00 |
| 75 | 30 | 255 | 2.35 | 7.50 | 301 | 2.88 | 7.50 | 347 | 3.49 | 7.50 | 391 | 4.20 | 7.50 | 417 | 4.68 | 7.50 | 477 | 5.94 | 7.50 | 520 | 6.98 | 7.50 | 562 | 8.16 | 10.00 | 604 | 9.47 | 10.00 |
| 50 | 20 | 276 | 1.83 | 7.50 | 320 | 2.30 | 7.50 | 363 | 2.85 | 7.50 | 406 | 3.49 | 7.50 | 431 | 3.93 | 7.50 | 490 | 5.10 | 7.50 | 532 | 6.08 | 7.50 | 573 | 7.19 | 10.00 | 614 | 8.44 | 10.00 |
| 25 | 10 | 297 | 1.31 | 7.50 | 339 | 1.72 | 7.50 | 380 | 2.20 | 7.50 | 421 | 2.78 | 7.50 | 446 | 3.18 | 7.50 | 503 | 4.26 | 7.50 | 544 | 5.17 | 7.50 | 584 | 6.22 | 7.50 | 625 | 7.40 | 10.00 |
| 0 | 0 | 317 | 0.80 | 7.50 | 357 | 1.14 | 7.50 | 397 | 1.56 | 7.50 | 437 | 2.07 | 7.50 | 460 | 2.43 | 7.50 | 516 | 3.42 | 7.50 | 556 | 4.27 | 7.50 | 595 | 5.25 | 7.50 | 635 | 6.37 | 7.50 |

Curves refer to air at 68°F temperature and 29.92 In Hg atmospheric pressure (abs) measured at inlet port.
 Values for flow and power consumption: +/-10% tolerance.
 Data subject to change without notice.