



Variable Speed Table
2000 rpm – 4000 rpm
VAR-e07MSV-0

| SCL e07-MS-MOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--------|--------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|-------|-------|------|-------|-------|------|-------|
| | | 2000 | | | 2250 | | | 2500 | | | 2750 | | | 2900 | | | 3250 | | | 3500 | | | 3750 | | | 4000 | | | |
| Vacuum | dp | 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. | | | |
| | [mbar] | [inWG] | [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] |
| 350 | 140 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 135 | 8.34 | 10.00 | 169 | 9.10 | 10.00 | - | - | - |
| 325 | 130 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 148 | 7.82 | 10.00 | 180 | 8.55 | 10.00 | 212 | 9.35 | 10.00 |
| 300 | 120 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 160 | 7.30 | 10.00 | 192 | 8.01 | 10.00 | 222 | 8.79 | 10.00 |
| 275 | 110 | - | - | - | - | - | - | - | - | - | - | - | - | - | 107 | 5.50 | 7.50 | 140 | 6.16 | 7.50 | 172 | 6.79 | 7.50 | 203 | 7.48 | 10.00 | 233 | 8.24 | 10.00 |
| 250 | 100 | - | - | - | - | - | - | - | - | - | - | - | - | - | 122 | 5.10 | 5.50 | 153 | 5.68 | 7.50 | 185 | 6.29 | 7.50 | 215 | 6.96 | 7.50 | 244 | 7.70 | 10.00 |
| 225 | 90 | - | - | - | - | - | - | - | - | - | - | - | - | - | 115 | 4.35 | 5.50 | 136 | 4.69 | 5.50 | 166 | 5.21 | 5.50 | 197 | 5.80 | 7.50 | 226 | 6.45 | 7.50 |
| 200 | 80 | - | - | - | - | - | - | - | - | - | - | - | - | - | 131 | 3.97 | 5.50 | 151 | 4.30 | 5.50 | 180 | 4.75 | 5.50 | 209 | 5.32 | 7.50 | 238 | 5.95 | 7.50 |
| 175 | 70 | - | - | - | - | - | - | - | - | - | - | - | - | - | 113 | 3.11 | 5.50 | 146 | 3.59 | 5.50 | 165 | 3.90 | 5.50 | 193 | 4.30 | 5.50 | 221 | 4.85 | 5.50 |
| 150 | 60 | - | - | - | - | 95 | 2.37 | 5.50 | 129 | 2.77 | 4.00 | 161 | 3.22 | 4.00 | 178 | 3.51 | 4.00 | 206 | 3.87 | 5.50 | 234 | 4.39 | 5.50 | 261 | 4.97 | 5.50 | 287 | 5.61 | 7.50 |
| 125 | 50 | 79 | 1.74 | 4.00 | 114 | 2.06 | 4.00 | 145 | 2.43 | 4.00 | 175 | 2.85 | 4.00 | 192 | 3.13 | 4.00 | 219 | 3.44 | 4.00 | 246 | 3.94 | 5.50 | 272 | 4.49 | 5.50 | 297 | 5.11 | 5.50 | |
| 100 | 40 | 100 | 1.46 | 4.00 | 132 | 1.76 | 4.00 | 161 | 2.10 | 4.00 | 189 | 2.49 | 4.00 | 205 | 2.75 | 4.00 | 232 | 3.02 | 4.00 | 258 | 3.50 | 4.00 | 283 | 4.03 | 5.50 | 308 | 4.61 | 5.50 | |
| 75 | 30 | 121 | 1.19 | 4.00 | 149 | 1.46 | 4.00 | 176 | 1.77 | 4.00 | 202 | 2.13 | 4.00 | 218 | 2.38 | 4.00 | 246 | 2.62 | 4.00 | 270 | 3.06 | 4.00 | 295 | 3.57 | 4.00 | 319 | 4.13 | 5.50 | |
| 50 | 20 | 140 | 0.93 | 4.00 | 166 | 1.17 | 4.00 | 191 | 1.45 | 4.00 | 215 | 1.78 | 4.00 | 230 | 2.01 | 4.00 | 259 | 2.22 | 4.00 | 282 | 2.64 | 4.00 | 306 | 3.12 | 4.00 | 329 | 3.65 | 4.00 | |
| 25 | 10 | 158 | 0.67 | 4.00 | 182 | 0.88 | 4.00 | 205 | 1.13 | 4.00 | 228 | 1.44 | 4.00 | 242 | 1.64 | 4.00 | 272 | 1.84 | 4.00 | 295 | 2.23 | 4.00 | 317 | 2.68 | 4.00 | 340 | 3.19 | 4.00 | |
| 0 | 0 | 175 | 0.42 | 4.00 | 197 | 0.60 | 4.00 | 219 | 0.82 | 4.00 | 241 | 1.10 | 4.00 | 254 | 1.28 | 4.00 | 285 | 1.46 | 4.00 | 307 | 1.83 | 4.00 | 329 | 2.25 | 4.00 | 351 | 2.73 | 4.00 | |

Highlighted values represent the maximum vacuum for the installed motor power.

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