



Variable Speed Table
2000 rpm – 3500 rpm
VAR-e07TDP-0

| SCL e07-TD-MOR | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--------|--------|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 2000 | | | 2250 | | | 2500 | | | 2750 | | | 2900 | | | 3250 | | | 3500 | | | |
| Pressure | 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. |
| | [mbar] | [inWG] | [cfm] | [hp] | [hp] | [cfm] | [hp] | [hp] | [cfm] | [hp] | [hp] | [cfm] | [hp] | [hp] | [cfm] | [hp] | [hp] | [cfm] | [hp] | [hp] | [cfm] | [hp] | [hp] |
| | 550 | 220 | - | - | - | - | - | - | - | - | - | - | - | - | 135 | 11.36 | 15.00 | 177 | 13.03 | 15.00 | 203 | 14.29 | 15.00 |
| | 525 | 210 | - | - | - | - | - | - | - | - | - | - | - | - | 139 | 10.86 | 15.00 | 181 | 12.50 | 15.00 | 207 | 13.74 | 15.00 |
| | 500 | 200 | - | - | - | - | - | - | - | - | - | 127 | 9.79 | 15.00 | 144 | 10.37 | 15.00 | 185 | 11.97 | 15.00 | 210 | 13.19 | 15.00 |
| | 475 | 190 | - | - | - | - | - | - | - | - | - | 132 | 9.31 | 15.00 | 149 | 9.89 | 15.00 | 189 | 11.46 | 15.00 | 214 | 12.64 | 15.00 |
| | 450 | 180 | - | - | - | - | - | - | - | - | - | 137 | 8.85 | 15.00 | 154 | 9.42 | 15.00 | 192 | 10.94 | 15.00 | 218 | 12.11 | 15.00 |
| | 425 | 170 | - | - | - | - | - | - | 113 | 7.56 | 15.00 | 142 | 8.39 | 15.00 | 159 | 8.95 | 15.00 | 196 | 10.44 | 15.00 | 222 | 11.57 | 15.00 |
| | 400 | 160 | - | - | - | - | - | - | 118 | 7.12 | 15.00 | 147 | 7.95 | 15.00 | 164 | 8.49 | 15.00 | 201 | 9.93 | 15.00 | 226 | 11.04 | 15.00 |
| | 375 | 150 | - | - | - | - | - | - | 124 | 6.70 | 15.00 | 152 | 7.51 | 15.00 | 169 | 8.04 | 15.00 | 205 | 9.43 | 15.00 | 231 | 10.52 | 15.00 |
| | 350 | 140 | - | - | - | 100 | 5.60 | 15.00 | 129 | 6.29 | 15.00 | 157 | 7.07 | 15.00 | 174 | 7.59 | 15.00 | 209 | 8.94 | 15.00 | 235 | 10.00 | 15.00 |
| | 325 | 130 | - | - | - | 106 | 5.21 | 15.00 | 135 | 5.88 | 15.00 | 163 | 6.65 | 15.00 | 179 | 7.16 | 15.00 | 214 | 8.45 | 15.00 | 239 | 9.48 | 15.00 |
| | 300 | 120 | 83 | 4.27 | 15.00 | 112 | 4.83 | 15.00 | 141 | 5.48 | 15.00 | 168 | 6.23 | 15.00 | 185 | 6.73 | 15.00 | 218 | 7.97 | 15.00 | 244 | 8.97 | 15.00 |
| | 275 | 110 | 90 | 3.91 | 15.00 | 118 | 4.46 | 15.00 | 147 | 5.09 | 15.00 | 174 | 5.82 | 15.00 | 190 | 6.30 | 15.00 | 223 | 7.49 | 15.00 | 248 | 8.47 | 15.00 |
| | 250 | 100 | 96 | 3.57 | 15.00 | 125 | 4.10 | 15.00 | 153 | 4.71 | 15.00 | 180 | 5.42 | 15.00 | 196 | 5.89 | 15.00 | 228 | 7.02 | 15.00 | 253 | 7.97 | 15.00 |
| | 225 | 90 | 103 | 3.23 | 15.00 | 131 | 3.74 | 15.00 | 159 | 4.34 | 15.00 | 185 | 5.02 | 15.00 | 201 | 5.48 | 15.00 | 233 | 6.56 | 15.00 | 258 | 7.47 | 15.00 |
| | 200 | 80 | 110 | 2.91 | 15.00 | 138 | 3.40 | 15.00 | 165 | 3.98 | 15.00 | 191 | 4.64 | 15.00 | 207 | 5.08 | 15.00 | 238 | 6.09 | 15.00 | 262 | 6.98 | 15.00 |
| | 175 | 70 | 118 | 2.60 | 15.00 | 145 | 3.07 | 15.00 | 172 | 3.62 | 15.00 | 197 | 4.26 | 15.00 | 213 | 4.69 | 15.00 | 243 | 5.64 | 15.00 | 267 | 6.50 | 15.00 |
| | 150 | 60 | 125 | 2.29 | 15.00 | 152 | 2.74 | 15.00 | 178 | 3.27 | 15.00 | 204 | 3.89 | 15.00 | 218 | 4.30 | 15.00 | 248 | 5.18 | 15.00 | 272 | 6.01 | 15.00 |
| | 125 | 50 | 133 | 2.00 | 15.00 | 159 | 2.43 | 15.00 | 185 | 2.93 | 15.00 | 210 | 3.52 | 15.00 | 224 | 3.92 | 15.00 | 254 | 4.74 | 15.00 | 277 | 5.54 | 15.00 |
| | 100 | 40 | 141 | 1.72 | 15.00 | 167 | 2.12 | 15.00 | 192 | 2.61 | 15.00 | 216 | 3.17 | 15.00 | 230 | 3.55 | 15.00 | 259 | 4.30 | 15.00 | 283 | 5.06 | 15.00 |
| | 75 | 30 | 150 | 1.45 | 15.00 | 175 | 1.83 | 15.00 | 199 | 2.28 | 15.00 | 222 | 2.82 | 15.00 | 237 | 3.19 | 15.00 | 265 | 3.86 | 15.00 | 288 | 4.60 | 15.00 |
| | 50 | 20 | 159 | 1.19 | 15.00 | 182 | 1.54 | 15.00 | 206 | 1.97 | 15.00 | 229 | 2.48 | 15.00 | 243 | 2.83 | 15.00 | 271 | 3.43 | 15.00 | 293 | 4.13 | 15.00 |
| | 25 | 10 | 167 | 0.94 | 15.00 | 190 | 1.27 | 15.00 | 213 | 1.67 | 15.00 | 236 | 2.15 | 15.00 | 249 | 2.48 | 15.00 | 277 | 3.00 | 15.00 | 299 | 3.68 | 15.00 |
| | 0 | 0 | 177 | 0.70 | 15.00 | 199 | 1.00 | 15.00 | 220 | 1.37 | 15.00 | 242 | 1.83 | 15.00 | 255 | 2.14 | 15.00 | 283 | 2.58 | 15.00 | 304 | 3.22 | 15.00 |

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

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.