



# Variable Speed Table

2000 rpm – 3500 rpm  
VAR-K05T5P-0

| SCL K05-TS-MOR |           |           |         |          |           |         |          |           |         |          |           |         |          |           |         |          |           |         |          |           |         |          |           |   |
|----------------|-----------|-----------|---------|----------|-----------|---------|----------|-----------|---------|----------|-----------|---------|----------|-----------|---------|----------|-----------|---------|----------|-----------|---------|----------|-----------|---|
|                |           | 2000      |         |          | 2250      |         |          | 2500      |         |          | 2750      |         |          | 2900      |         |          | 3250      |         |          | 3500      |         |          |           |   |
| Pressure       | dp [mbar] | dp [inWG] | Q [cfm] | Pow [hp] | E.M. [hp] | Q [cfm] | Pow [hp] | E.M. [hp] | Q [cfm] | Pow [hp] | E.M. [hp] | Q [cfm] | Pow [hp] | E.M. [hp] | Q [cfm] | Pow [hp] | E.M. [hp] | Q [cfm] | Pow [hp] | E.M. [hp] | Q [cfm] | Pow [hp] | E.M. [hp] |   |
|                | 250       | 100       | -       | -        | -         | -       | -        | -         | -       | -        | -         | -       | -        | -         | -       | 94       | 5.00      | 5.50    | -        | -         | -       | -        | -         | - |
|                | 225       | 90        | -       | -        | -         | -       | -        | -         | -       | -        | -         | 89      | 4.27     | 5.50      | 109     | 4.58     | 5.50      | -       | -        | -         | -       | -        | -         |   |
|                | 200       | 80        | -       | -        | -         | -       | -        | -         | -       | -        | -         | 105     | 3.87     | 5.50      | 124     | 4.16     | 5.50      | 165     | 4.89     | 5.50      | -       | -        | -         |   |
|                | 175       | 70        | -       | -        | -         | -       | -        | -         | 89      | 3.05     | 5.50      | 120     | 3.47     | 5.50      | 138     | 3.74     | 4.00      | 178     | 4.41     | 5.50      | 206     | 4.95     | 5.50      |   |
|                | 150       | 60        | -       | -        | -         | 73      | 2.33     | 5.50      | 106     | 2.68     | 4.00      | 136     | 3.07     | 4.00      | 153     | 3.32     | 4.00      | 191     | 3.94     | 5.50      | 218     | 4.44     | 5.50      |   |
|                | 125       | 50        | -       | -        | -         | 92      | 2.00     | 4.00      | 123     | 2.32     | 4.00      | 151     | 2.67     | 4.00      | 168     | 2.90     | 4.00      | 204     | 3.47     | 4.00      | 230     | 3.93     | 5.50      |   |
|                | 100       | 40        | 81      | 1.42     | 4.00      | 111     | 1.68     | 4.00      | 140     | 1.96     | 4.00      | 166     | 2.27     | 4.00      | 182     | 2.47     | 4.00      | 217     | 3.00     | 4.00      | 242     | 3.42     | 4.00      |   |
|                | 75        | 30        | 102     | 1.13     | 4.00      | 130     | 1.35     | 4.00      | 157     | 1.59     | 4.00      | 182     | 1.87     | 4.00      | 197     | 2.05     | 4.00      | 230     | 2.53     | 4.00      | 254     | 2.91     | 4.00      |   |
|                | 50        | 20        | 124     | 0.84     | 4.00      | 149     | 1.02     | 4.00      | 173     | 1.23     | 4.00      | 197     | 1.47     | 4.00      | 211     | 1.63     | 4.00      | 243     | 2.06     | 4.00      | 266     | 2.41     | 4.00      |   |
|                | 25        | 10        | 145     | 0.55     | 4.00      | 168     | 0.70     | 4.00      | 190     | 0.87     | 4.00      | 213     | 1.07     | 4.00      | 226     | 1.21     | 4.00      | 256     | 1.58     | 4.00      | 278     | 1.90     | 4.00      |   |
| 0              | 0         | 166       | 0.26    | 4.00     | 186       | 0.37    | 4.00     | 207       | 0.51    | 4.00     | 228       | 0.67    | 4.00     | 240       | 0.79    | 4.00     | 269       | 1.11    | 4.00     | 290       | 1.39    | 4.00     |           |   |

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.