



Variable Speed Table

2000 rpm – 4500 rpm

VAR-R30MDP-1

| SCL R30-MD-MOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-----------|-----------|-----------|---------|----------|-----------|---------|----------|-----------|---------|----------|-----------|---------|----------|-----------|---------|----------|-----------|---------|----------|-----------|---------|----------|-----------|---------|----------|-----------|---------|----------|-----------|---------|----------|-----------|------|------|------|------|
| Pressure | dp [mbar] | dp [inWG] | dp [inHg] | 2000 | | | 2250 | | | 2500 | | | 2750 | | | 2900 | | | 3250 | | | 3500 | | | 3750 | | | 4000 | | | 4250 | | | 4500 | | | |
| | | | | 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] | Q [cfm] | Pow [hp] | E.M. [hp] | Q [cfm] | Pow [hp] | E.M. [hp] | Q [cfm] | Pow [hp] | E.M. [hp] | | | | |
| 475 | 190 | 14.03 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 17 | 1.96 | 3.00 | 24 | 2.09 | 3.00 | 30 | 2.23 | 3.00 | 36 | 2.40 | 3.00 | 42 | 2.59 | 3.00 | 48 | 2.80 | 3.00 | |
| 450 | 180 | 13.29 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 19 | 1.85 | 3.00 | 25 | 1.97 | 3.00 | 31 | 2.12 | 3.00 | 38 | 2.29 | 3.00 | 44 | 2.48 | 3.00 | 49 | 2.69 | 3.00 | |
| 425 | 170 | 12.55 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 14 | 1.70 | 2.00 | 21 | 1.74 | 3.00 | 27 | 1.86 | 3.00 | 33 | 2.01 | 3.00 | 39 | 2.18 | 3.00 | 45 | 2.37 | 3.00 | 51 | 2.58 | 3.00 |
| 400 | 160 | 11.81 | - | - | - | - | - | - | - | - | - | - | - | - | - | 15 | 1.62 | 2.00 | 23 | 1.63 | 2.00 | 29 | 1.76 | 3.00 | 35 | 1.91 | 3.00 | 41 | 2.07 | 3.00 | 47 | 2.26 | 3.00 | 53 | 2.47 | 3.00 | |
| 375 | 150 | 11.07 | - | - | - | - | - | - | - | - | - | - | - | - | - | 17 | 1.53 | 2.00 | 24 | 1.53 | 2.00 | 31 | 1.65 | 3.00 | 37 | 1.80 | 2.00 | 43 | 1.97 | 3.00 | 48 | 2.16 | 3.00 | 54 | 2.36 | 3.00 | |
| 350 | 140 | 10.34 | - | - | - | - | - | - | - | - | - | 15 | 1.35 | 2.00 | 19 | 1.45 | 2.00 | 26 | 1.43 | 2.00 | 32 | 1.55 | 2.00 | 38 | 1.70 | 2.00 | 44 | 1.87 | 2.00 | 50 | 2.05 | 3.00 | 56 | 2.26 | 3.00 | | |
| 325 | 130 | 9.60 | - | - | - | - | - | - | - | - | - | 17 | 1.27 | 2.00 | 21 | 1.36 | 2.00 | 28 | 1.33 | 2.00 | 34 | 1.46 | 2.00 | 40 | 1.60 | 2.00 | 46 | 1.77 | 2.00 | 52 | 1.95 | 3.00 | 58 | 2.16 | 3.00 | | |
| 300 | 120 | 8.86 | - | - | - | - | - | - | - | - | - | 19 | 1.19 | 2.00 | 23 | 1.28 | 2.00 | 30 | 1.24 | 2.00 | 36 | 1.37 | 2.00 | 42 | 1.51 | 2.00 | 48 | 1.67 | 2.00 | 54 | 1.86 | 2.00 | 59 | 2.06 | 3.00 | | |
| 275 | 110 | 8.12 | - | - | - | - | - | - | - | 15 | 0.97 | 2.00 | 21 | 1.11 | 2.00 | 25 | 1.20 | 2.00 | 32 | 1.15 | 2.00 | 38 | 1.28 | 2.00 | 44 | 1.42 | 2.00 | 50 | 1.58 | 2.00 | 55 | 1.76 | 2.00 | 61 | 1.96 | 3.00 | |
| 250 | 100 | 7.38 | - | - | - | - | - | - | - | 17 | 0.90 | 2.00 | 23 | 1.03 | 2.00 | 27 | 1.12 | 2.00 | 34 | 1.06 | 2.00 | 40 | 1.19 | 2.00 | 46 | 1.33 | 2.00 | 52 | 1.49 | 2.00 | 57 | 1.67 | 2.00 | 63 | 1.87 | 2.00 | |
| 225 | 90 | 6.64 | - | - | - | 13 | 0.71 | 2.00 | 20 | 0.83 | 2.00 | 26 | 0.96 | 2.00 | 29 | 1.05 | 2.00 | 37 | 0.98 | 2.00 | 42 | 1.11 | 2.00 | 48 | 1.25 | 2.00 | 54 | 1.40 | 2.00 | 59 | 1.58 | 2.00 | 64 | 1.78 | 2.00 | | |
| 200 | 80 | 5.91 | - | - | - | 16 | 0.65 | 2.00 | 22 | 0.76 | 2.00 | 28 | 0.89 | 2.00 | 32 | 0.97 | 2.00 | 39 | 0.90 | 2.00 | 44 | 1.03 | 2.00 | 50 | 1.16 | 2.00 | 55 | 1.32 | 2.00 | 61 | 1.49 | 2.00 | 66 | 1.69 | 2.00 | | |
| 175 | 70 | 5.17 | - | - | - | 18 | 0.59 | 2.00 | 25 | 0.69 | 2.00 | 31 | 0.82 | 2.00 | 34 | 0.90 | 2.00 | 41 | 0.83 | 2.00 | 47 | 0.95 | 2.00 | 52 | 1.09 | 2.00 | 57 | 1.24 | 2.00 | 63 | 1.41 | 2.00 | 68 | 1.60 | 2.00 | | |
| 150 | 60 | 4.43 | 15 | 0.44 | 2.00 | 21 | 0.52 | 2.00 | 27 | 0.63 | 2.00 | 33 | 0.75 | 2.00 | 37 | 0.83 | 2.00 | 43 | 0.76 | 2.00 | 49 | 0.88 | 2.00 | 54 | 1.01 | 2.00 | 59 | 1.16 | 2.00 | 65 | 1.33 | 2.00 | 70 | 1.52 | 2.00 | | |
| 125 | 50 | 3.69 | 18 | 0.38 | 2.00 | 24 | 0.46 | 2.00 | 30 | 0.56 | 2.00 | 36 | 0.68 | 2.00 | 39 | 0.75 | 2.00 | 46 | 0.69 | 2.00 | 51 | 0.81 | 2.00 | 56 | 0.94 | 2.00 | 61 | 1.09 | 2.00 | 66 | 1.25 | 2.00 | 71 | 1.44 | 2.00 | | |
| 100 | 40 | 2.95 | 21 | 0.33 | 2.00 | 27 | 0.41 | 2.00 | 33 | 0.50 | 2.00 | 39 | 0.61 | 2.00 | 42 | 0.69 | 2.00 | 48 | 0.63 | 2.00 | 53 | 0.74 | 2.00 | 58 | 0.87 | 2.00 | 63 | 1.01 | 2.00 | 68 | 1.18 | 2.00 | 73 | 1.36 | 2.00 | | |
| 75 | 30 | 2.21 | 25 | 0.28 | 2.00 | 31 | 0.35 | 2.00 | 36 | 0.44 | 2.00 | 42 | 0.55 | 2.00 | 45 | 0.62 | 2.00 | 51 | 0.56 | 2.00 | 56 | 0.67 | 2.00 | 61 | 0.80 | 2.00 | 65 | 0.94 | 2.00 | 70 | 1.10 | 2.00 | 75 | 1.28 | 2.00 | | |
| 50 | 20 | 1.48 | 29 | 0.23 | 2.00 | 34 | 0.30 | 2.00 | 39 | 0.38 | 2.00 | 45 | 0.48 | 2.00 | 48 | 0.55 | 2.00 | 53 | 0.51 | 2.00 | 58 | 0.61 | 2.00 | 63 | 0.74 | 2.00 | 68 | 0.88 | 2.00 | 72 | 1.03 | 2.00 | 77 | 1.21 | 2.00 | | |
| 25 | 10 | 0.74 | 33 | 0.18 | 2.00 | 38 | 0.25 | 2.00 | 43 | 0.33 | 2.00 | 48 | 0.42 | 2.00 | 51 | 0.49 | 2.00 | 56 | 0.45 | 2.00 | 60 | 0.56 | 2.00 | 65 | 0.68 | 2.00 | 70 | 0.81 | 2.00 | 74 | 0.97 | 2.00 | 79 | 1.14 | 2.00 | | |
| 0 | 0 | 0.00 | 37 | 0.14 | 2.00 | 42 | 0.20 | 2.00 | 46 | 0.27 | 2.00 | 51 | 0.36 | 2.00 | 54 | 0.42 | 2.00 | 58 | 0.40 | 2.00 | 63 | 0.50 | 2.00 | 67 | 0.62 | 2.00 | 72 | 0.75 | 2.00 | 76 | 0.90 | 2.00 | 81 | 1.07 | 2.00 | | |

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.