

# SUNVIM

IE3

3000 r/min

## Technical data

IP 55 - IC411, Insulation class F, temperature rise B  
IE3 efficiency class according to IEC 60034-30-1

| Output     | Frame Size | Motor Type      | Speed        | $f_N$ | Efficiency             | Power factor | Current    | Torque      |              | Max. Speed |
|------------|------------|-----------------|--------------|-------|------------------------|--------------|------------|-------------|--------------|------------|
| kW         |            |                 | r/min        | Hz    | acc. to IEC 60034-30-1 | $\cos\Phi$   | $I_N$<br>A | $T_N$<br>Nm | $T_{OL}/T_N$ | r/min      |
| 3000 r/min |            |                 | 380V network |       |                        |              |            |             |              |            |
| 4          | 90L        | SCZ3-90L-3000   | 3000         | 100   | 88.1                   | 0.87         | 8.8        | 12.7        | 1.5          | 3600       |
| 5.5        | 100L       | SCZ3-100L-3000  | 3000         | 100   | 89.2                   | 0.87         | 11.9       | 17.5        | 1.5          | 3600       |
| 7.5        | 112M       | SCZ3-112M1-3000 | 3000         | 100   | 90.1                   | 0.87         | 16.1       | 23.9        | 1.5          | 3600       |
| 11         | 112M       | SCZ3-112M2-3000 | 3000         | 100   | 91.2                   | 0.87         | 23.3       | 35.0        | 1.5          | 3600       |
| 15         | 132M       | SCZ3-132M-3000  | 3000         | 100   | 91.9                   | 0.88         | 31.2       | 47.8        | 1.5          | 3600       |
| 18.5       | 160M       | SCZ3-160M1-3000 | 3000         | 100   | 92.4                   | 0.89         | 37.9       | 58.9        | 1.5          | 3600       |
| 22         | 160M       | SCZ3-160M2-3000 | 3000         | 100   | 92.7                   | 0.89         | 44.9       | 70.0        | 1.5          | 3600       |
| 30         | 160L       | SCZ3-160L1-3000 | 3000         | 100   | 93.3                   | 0.89         | 60.8       | 95.5        | 1.5          | 3600       |
| 37         | 160L       | SCZ3-160L2-3000 | 3000         | 100   | 93.7                   | 0.89         | 74.7       | 118         | 1.5          | 3600       |
| 45         | 180M       | SCZ3-180M-3000  | 3000         | 100   | 94                     | 0.9          | 89.5       | 143         | 1.5          | 3600       |
| 55         | 180L       | SCZ3-180L-3000  | 3000         | 100   | 94.3                   | 0.9          | 109.1      | 175         | 1.5          | 3600       |
| 75         | 200L       | SCZ3-200L1-3000 | 3000         | 100   | 94.7                   | 0.91         | 146.5      | 239         | 1.5          | 3600       |
| 90         | 200L       | SCZ3-200L2-3000 | 3000         | 100   | 95.0                   | 0.91         | 175.2      | 287         | 1.5          | 3600       |
| 110        | 225M       | SCZ3-225M-3000  | 3000         | 100   | 95.2                   | 0.91         | 213.7      | 350         | 1.5          | 3600       |
| 132        | 250M       | SCZ3-250M-3000  | 3000         | 100   | 95.4                   | 0.91         | 255.9      | 420         | 1.5          | 3600       |
| 160        | 280S       | SCZ3-280S-3000  | 3000         | 100   | 95.6                   | 0.91         | 309.6      | 509         | 1.5          | 3600       |
| 200        | 280M       | SCZ3-280M-3000  | 3000         | 100   | 95.8                   | 0.91         | 386.1      | 637         | 1.5          | 3600       |

# SUNVIM

IE3

1500 r/min

## Technical data

IP 55 - IC411, Insulation class F, temperature rise B  
IE3 efficiency class according to IEC 60034-30-1

| Output     | Frame Size | Motor Type      | Speed        | $f_N$ | Efficiency acc. to IEC 60034-30-1 | Power factor | Current    | Torque      |              | Max. Speed |
|------------|------------|-----------------|--------------|-------|-----------------------------------|--------------|------------|-------------|--------------|------------|
| kW         |            |                 | r/min        | Hz    |                                   | $\cos\phi$   | $I_N$<br>A | $T_N$<br>Nm | $T_{OL}/T_N$ | r/min      |
| 1500 r/min |            |                 | 380V network |       |                                   |              |            |             |              |            |
| 4          | 112M       | SCZ3-112M-1500  | 1500         | 50    | 88.6                              | 0.82         | 9.2        | 25.5        | 1.5          | 1800       |
| 5.5        | 132S       | SCZ3-132S-1500  | 1500         | 50    | 89.6                              | 0.84         | 12.2       | 35.0        | 1.5          | 1800       |
| 7.5        | 132M       | SCZ3-132M-1500  | 1500         | 50    | 90.4                              | 0.84         | 16.5       | 47.8        | 1.5          | 1800       |
| 11         | 160M       | SCZ3-160M-1500  | 1500         | 50    | 91.4                              | 0.85         | 23.7       | 70.0        | 1.5          | 1800       |
| 15         | 160L       | SCZ3-160L1-1500 | 1500         | 50    | 92.1                              | 0.85         | 32.1       | 95.5        | 1.5          | 1800       |
| 18.5       | 160L       | SCZ3-160L2-1500 | 1500         | 50    | 92.6                              | 0.85         | 39.3       | 118         | 1.5          | 1800       |
| 22         | 180M       | SCZ3-180M-1500  | 1500         | 50    | 93                                | 0.86         | 46.0       | 140         | 1.5          | 1800       |
| 30         | 180L       | SCZ3-180L-1500  | 1500         | 50    | 93.6                              | 0.86         | 62.4       | 191         | 1.5          | 1800       |
| 37         | 200L       | SCZ3-200L1-1500 | 1500         | 50    | 93.9                              | 0.86         | 76.7       | 236         | 1.5          | 1800       |
| 45         | 200L       | SCZ3-200L2-1500 | 1500         | 50    | 94.2                              | 0.86         | 93.0       | 287         | 1.5          | 1800       |
| 55         | 225M       | SCZ3-225M-1500  | 1500         | 50    | 94.6                              | 0.87         | 111.8      | 350         | 1.5          | 1800       |
| 75         | 250M       | SCZ3-250M1-1500 | 1500         | 50    | 95                                | 0.87         | 151.9      | 478         | 1.5          | 1800       |
| 90         | 250M       | SCZ3-250M2-1500 | 1500         | 50    | 95.2                              | 0.87         | 181.8      | 573         | 1.5          | 1800       |
| 110        | 280S       | SCZ3-280S-1500  | 1500         | 50    | 95.4                              | 0.89         | 216.8      | 700         | 1.5          | 1800       |
| 132        | 280M       | SCZ3-280M-1500  | 1500         | 50    | 95.6                              | 0.89         | 259.6      | 840         | 1.5          | 1800       |
| 160        | 315M       | SCZ3-315M-1500  | 1500         | 50    | 95.8                              | 0.9          | 310.5      | 1019        | 1.5          | 1800       |
| 200        | 315L       | SCZ3-315L1-1500 | 1500         | 50    | 96                                | 0.9          | 387.4      | 1273        | 1.5          | 1800       |
| 220        | 315L       | SCZ3-315L2-1500 | 1500         | 50    | 96.1                              | 0.9          | 425.7      | 1401        | 1.5          | 1800       |
| 250        | 315L       | SCZ3-315L3-1500 | 1500         | 50    | 96.2                              | 0.9          | 483.2      | 1592        | 1.5          | 1800       |

# SUNVIM

IE3

1000 r/min

## Technical data

IP 55 - IC411, Insulation class F, temperature rise B  
IE3 efficiency class according to IEC 60034-30-1

| Output     | Frame Size | Motor Type      | Speed        | $f_N$ | Efficiency acc. to IEC 60034-30-1 | Power factor | Current    | Torque      |              | Max. Speed |
|------------|------------|-----------------|--------------|-------|-----------------------------------|--------------|------------|-------------|--------------|------------|
| kW         |            |                 | r/min        | Hz    |                                   | $\cos\Phi$   | $I_N$<br>A | $T_N$<br>Nm | $T_{OL}/T_N$ | r/min      |
| 1000 r/min |            |                 | 380V network |       |                                   |              |            |             |              |            |
| 2.2        | 112M       | SCZ3-112M1-1000 | 1000         | 33.3  | 84.3                              | 0.75         | 5.8        | 21          | 1.5          | 1200       |
| 3          | 112M       | SCZ3-112M2-1000 | 1000         | 33.3  | 85.6                              | 0.78         | 7.5        | 29          | 1.5          | 1200       |
| 4          | 112M       | SCZ3-112M3-1000 | 1000         | 33.3  | 86.8                              | 0.78         | 9.9        | 38          | 1.5          | 1200       |
| 5.5        | 132M       | SCZ3-132M-1000  | 1000         | 33.3  | 88.0                              | 0.78         | 13.4       | 53          | 1.5          | 1200       |
| 7.5        | 160M       | SCZ3-160M-1000  | 1000         | 33.3  | 89.1                              | 0.83         | 17.0       | 72          | 1.5          | 1200       |
| 11         | 160L       | SCZ3-160L-1000  | 1000         | 33.3  | 90.3                              | 0.83         | 24.6       | 105         | 1.5          | 1200       |
| 15         | 180M       | SCZ3-180M-1000  | 1000         | 33.3  | 91.2                              | 0.85         | 32.4       | 143         | 1.5          | 1200       |
| 18.5       | 180L       | SCZ3-180L-1000  | 1000         | 33.3  | 91.7                              | 0.86         | 39.3       | 177         | 1.5          | 1200       |
| 22         | 200L       | SCZ3-200L1-1000 | 1000         | 33.3  | 92.2                              | 0.88         | 45.4       | 210         | 1.5          | 1200       |
| 30         | 200L       | SCZ3-200L2-1000 | 1000         | 33.3  | 92.9                              | 0.88         | 61.4       | 287         | 1.5          | 1200       |
| 37         | 225M       | SCZ3-225M-1000  | 1000         | 33.3  | 93.3                              | 0.89         | 74.6       | 353         | 1.5          | 1200       |
| 45         | 250M       | SCZ3-250M-1000  | 1000         | 33.3  | 93.7                              | 0.89         | 90.3       | 430         | 1.5          | 1200       |
| 55         | 280S       | SCZ3-280S-1000  | 1000         | 33.3  | 94.1                              | 0.9          | 108.7      | 525         | 1.5          | 1200       |
| 75         | 280M       | SCZ3-280M1-1000 | 1000         | 33.3  | 94.6                              | 0.9          | 147.4      | 716         | 1.5          | 1200       |
| 90         | 280M       | SCZ3-280M2-1000 | 1000         | 33.3  | 94.9                              | 0.9          | 176.3      | 860         | 1.5          | 1200       |
| 110        | 315L       | SCZ3-315L1-1000 | 1000         | 33.3  | 95.1                              | 0.91         | 212.7      | 1051        | 1.5          | 1200       |
| 132        | 315L       | SCZ3-315L2-1000 | 1000         | 33.3  | 95.4                              | 0.91         | 254.4      | 1261        | 1.5          | 1200       |



# SUNVIM

IE4

3000 r/min

## Technical data

IP 55 - IC411, Insulation class F, temperature rise B  
IE3 efficiency class according to IEC 60034-30-1

| Output     | Frame Size | Motor Type      | Speed        | $f_N$ | Efficiency acc. to IEC 60034-30-1 | Power factor | Current    | Torque      |              | Max. Speed |
|------------|------------|-----------------|--------------|-------|-----------------------------------|--------------|------------|-------------|--------------|------------|
| kW         |            |                 | r/min        | Hz    |                                   | $\cos\Phi$   | $I_N$<br>A | $T_N$<br>Nm | $T_{OL}/T_N$ | r/min      |
| 3000 r/min |            |                 | 380V network |       |                                   |              |            |             |              |            |
| 11         | 132M       | SCZ4-132M1-3000 | 3000         | 100   | 92,9                              | 0.75         | 25.7       | 35.0        | 1.5          | 3600       |
| 15         | 132M       | SCZ4-132M2-3000 | 3000         | 100   | 93,5                              | 0.75         | 34.8       | 47.8        | 1.5          | 3600       |
| 18.5       | 160M       | SCZ4-160M1-3000 | 3000         | 100   | 93,8                              | 0.76         | 42.5       | 58.9        | 1.5          | 3600       |
| 22         | 160M       | SCZ4-160M2-3000 | 3000         | 100   | 94,1                              | 0.76         | 50         | 70.0        | 1.5          | 3600       |
| 30         | 180M       | SCZ4-180M1-3000 | 3000         | 100   | 94,6                              | 0.76         | 68.5       | 95.5        | 1.5          | 3600       |
| 37         | 180M       | SCZ4-180M2-3000 | 3000         | 100   | 94,8                              | 0.77         | 84.5       | 118         | 1.5          | 3600       |
| 45         | 225S       | SCZ4-225S-3000  | 3000         | 100   | 95,1                              | 0.76         | 102.5      | 143         | 1.5          | 3600       |
| 55         | 225M       | SCZ4-225M1-3000 | 3000         | 100   | 95,3                              | 0.77         | 123        | 175         | 1.5          | 3600       |
| 75         | 225M       | SCZ4-225M2-3000 | 3000         | 100   | 95,5                              | 0.77         | 167.3      | 239         | 1.5          | 3600       |
| 90         | 250M       | SCZ4-250M-3000  | 3000         | 100   | 95,6                              | 0.78         | 206.6      | 287         | 1.5          | 3600       |



# SUNVIM

IE4

1500 r/min

## Technical data

IP 55 - IC411, Insulation class F, temperature rise B  
IE3 efficiency class according to IEC 60034-30-1

| Output     | Frame Size | Motor Type      | Speed        | $f_N$ | Efficiency acc. to IEC 60034-30-1 | Power factor | Current    | Torque                      | Max. Speed |
|------------|------------|-----------------|--------------|-------|-----------------------------------|--------------|------------|-----------------------------|------------|
| kW         |            |                 | r/min        | Hz    |                                   | $\cos\Phi$   | $I_N$<br>A | $T_N$<br>Nm<br>$T_{OL}/T_N$ | r/min      |
| 1500 r/min |            |                 | 380V network |       |                                   |              |            |                             |            |
| 5.5        | 132S       | SCZ4-132S-1500  | 1500         | 50    | 91.9                              | 0.73         | 13.7       | 35.0 1.5                    | 1800       |
| 7.5        | 132M       | SCZ4-132M-1500  | 1500         | 50    | 92.6                              | 0.73         | 18.2       | 47.8 1.5                    | 1800       |
| 11         | 160M       | SCZ4-160M-1500  | 1500         | 50    | 93.3                              | 0.75         | 25         | 70.0 1.5                    | 1800       |
| 15         | 160L       | SCZ4-160L-1500  | 1500         | 50    | 93.9                              | 0.76         | 34         | 95.5 1.5                    | 1800       |
| 18.5       | 180M       | SCZ4-180M-1500  | 1500         | 50    | 94.2                              | 0.76         | 44         | 118 1.5                     | 1800       |
| 22         | 180L       | SCZ4-180L-1500  | 1500         | 50    | 94.5                              | 0.76         | 52         | 140 1.5                     | 1800       |
| 30         | 200L       | SCZ4-200L-1500  | 1500         | 50    | 94.9                              | 0.76         | 64         | 191 1.5                     | 1800       |
| 37         | 225S       | SCZ4-225S-1500  | 1500         | 50    | 95.2                              | 0.77         | 83         | 236 1.5                     | 1800       |
| 45         | 225M       | SCZ4-225M-1500  | 1500         | 50    | 95.4                              | 0.78         | 97         | 287 1.5                     | 1800       |
| 55         | 250M       | SCZ4-250M-1500  | 1500         | 50    | 95.7                              | 0.76         | 123.7      | 350 1.5                     | 1800       |
| 75         | 280S       | SCZ4-280S-1500  | 1500         | 50    | 96                                | 0.77         | 165.8      | 478 1.5                     | 1800       |
| 90         | 280M       | SCZ4-280M-1500  | 1500         | 50    | 96.1                              | 0.77         | 205        | 573 1.5                     | 1800       |
| 110        | 315S       | SCZ4-315S-1500  | 1500         | 50    | 96.3                              | 0.77         | 237        | 700 1.5                     | 1800       |
| 132        | 315M       | SCZ4-315M-1500  | 1500         | 50    | 96                                | 0.77         | 278.2      | 840 1.5                     | 1800       |
| 160        | 315L       | SCZ4-315L1-1500 | 1500         | 50    | 96.2                              | 0.79         | 340        | 1019 1.5                    | 1800       |
| 200        | 315L       | SCZ4-315L2-1500 | 1500         | 50    | 96.7                              | 0.79         | 419        | 1273 1.5                    | 1800       |

# SUNVIM

IE4

1000 r/min

## Technical data

IP 55 - IC411, Insulation class F, temperature rise B  
IE3 efficiency class according to IEC 60034-30-1

| Output     | Frame Size | Motor Type      | Speed        | $f_N$ | Efficiency acc. to IEC 60034-30-1 | Power factor | Current    | Torque      |              | Max. Speed |
|------------|------------|-----------------|--------------|-------|-----------------------------------|--------------|------------|-------------|--------------|------------|
| kW         |            |                 | r/min        | Hz    |                                   | $\cos\Phi$   | $I_N$<br>A | $T_N$<br>Nm | $T_{OL}/T_N$ | r/min      |
| 1000 r/min |            |                 | 380V network |       |                                   |              |            |             |              |            |
| 5.5        | 132M       | SCZ4-132M-1000  | 1000         | 33.3  | 90.5                              | 0.73         | 13.8       | 53          | 1.5          | 1200       |
| 7.5        | 160M       | SCZ4-160M-1000  | 1000         | 33.3  | 91.4                              | 0.73         | 17.6       | 72          | 1.5          | 1200       |
| 11         | 160L       | SCZ4-160L-1000  | 1000         | 33.3  | 92.3                              | 0.75         | 25.5       | 105         | 1.5          | 1200       |
| 15         | 180M       | SCZ4-180M-1000  | 1000         | 33.3  | 93.0                              | 0.76         | 34.7       | 143         | 1.5          | 1200       |
| 18.5       | 200L       | SCZ4-200L-1000  | 1000         | 33.3  | 93.5                              | 0.76         | 42.6       | 177         | 1.5          | 1200       |
| 22         | 225S       | SCZ4-225S-1000  | 1000         | 33.3  | 93.8                              | 0.76         | 50.5       | 210         | 1.5          | 1200       |
| 30         | 225M       | SCZ4-225M-1000  | 1000         | 33.3  | 94.3                              | 0.76         | 68.5       | 287         | 1.5          | 1200       |
| 37         | 250M       | SCZ4-250M-1000  | 1000         | 33.3  | 94.7                              | 0.76         | 84.3       | 353         | 1.5          | 1200       |
| 45         | 280S       | SCZ4-280S-1000  | 1000         | 33.3  | 94.9                              | 0.77         | 105.1      | 430         | 1.5          | 1200       |
| 55         | 280M       | SCZ4-280M-1000  | 1000         | 33.3  | 95.2                              | 0.77         | 125.5      | 525         | 1.5          | 1200       |
| 75         | 315S       | SCZ4-315S-1000  | 1000         | 33.3  | 95.5                              | 0.77         | 169.3      | 716         | 1.5          | 1200       |
| 90         | 315M       | SCZ4-315M-1000  | 1000         | 33.3  | 95.6                              | 0.78         | 202.0      | 860         | 1.5          | 1200       |
| 110        | 315L       | SCZ4-315L1-1000 | 1000         | 33.3  | 95.8                              | 0.78         | 245.8      | 1051        | 1.5          | 1200       |
| 132        | 315L       | SCZ4-315L2-1000 | 1000         | 33.3  | 95.9                              | 0.78         | 284.6      | 1261        | 1.5          | 1200       |

# SUNVIM

IE5

3000 r/min

## Technical data

IP 55 - IC411, Insulation class F, temperature rise B  
IE3 efficiency class according to IEC 60034-30-1

| Output     | Frame Size | Motor Type      | Speed        | $f_N$ | Efficiency             | Power factor | Current    | Torque      |              | Max. Speed |
|------------|------------|-----------------|--------------|-------|------------------------|--------------|------------|-------------|--------------|------------|
| kW         |            |                 | r/min        | Hz    | acc. to IEC 60034-30-1 | $\cos\Phi$   | $I_N$<br>A | $T_N$<br>Nm | $T_{OL}/T_N$ | r/min      |
| 3000 r/min |            |                 | 380V network |       |                        |              |            |             |              |            |
| 7.5        | 112M       | SCZ5-112M-3000  | 3000         | 100   | 93.3                   | 0.86         | 15.6       | 23.9        | 1.5          | 3600       |
| 11         | 132S       | SCZ5-132S-3000  | 3000         | 100   | 94                     | 0.87         | 22.5       | 35          | 1.5          | 3600       |
| 15         | 132M       | SCZ5-132M-3000  | 3000         | 100   | 94.5                   | 0.87         | 30.5       | 47.8        | 1.5          | 3600       |
| 18.5       | 160M       | SCZ5-160M1-3000 | 3000         | 100   | 94.9                   | 0.88         | 37.1       | 58.9        | 1.5          | 3600       |
| 22         | 160M       | SCZ5-160M2-3000 | 3000         | 100   | 95.1                   | 0.88         | 44.0       | 70          | 1.5          | 3600       |
| 30         | 160L       | SCZ5-160L-3000  | 3000         | 100   | 95.5                   | 0.88         | 59.7       | 96          | 1.5          | 3600       |
| 37         | 180L       | SCZ5-180L1-3000 | 3000         | 100   | 95.8                   | 0.9          | 71.8       | 118         | 1.5          | 3600       |
| 45         | 180L       | SCZ5-180L2-3000 | 3000         | 100   | 96                     | 0.9          | 87.2       | 143         | 1.5          | 3600       |
| 55         | 200L       | SCZ5-200L-3000  | 3000         | 100   | 96.2                   | 0.9          | 106.3      | 175         | 1.5          | 3600       |
| 75         | 225M       | SCZ5-225M1-3000 | 3000         | 100   | 96.5                   | 0.91         | 142.9      | 239         | 1.5          | 3600       |
| 90         | 225M       | SCZ5-225M2-3000 | 3000         | 100   | 96.6                   | 0.91         | 171.3      | 287         | 1.5          | 3600       |
| 110        | 250M       | SCZ5-250M-3000  | 3000         | 100   | 96.8                   | 0.91         | 209.0      | 350         | 1.5          | 3600       |
| 132        | 280S       | SCZ5-280S-3000  | 3000         | 100   | 96.9                   | 0.91         | 250.5      | 420         | 1.5          | 3600       |
| 160        | 280M       | SCZ5-280M-3000  | 3000         | 100   | 97                     | 0.91         | 303.3      | 509         | 1.5          | 3600       |
| 200        | 315S       | SCZ5-315S-3000  | 3000         | 100   | 97.2                   | 0.91         | 378.4      | 637         | 1.5          | 3600       |



# SUNVIM

IE5

1500 r/min

## Technical data

IP 55 - IC411, Insulation class F, temperature rise B  
IE3 efficiency class according to IEC 60034-30-1

| Output     | Frame Size | Motor Type      | Speed        | $f_N$ | Efficiency             | Power factor | Current    | Torque                      | Max. Speed |
|------------|------------|-----------------|--------------|-------|------------------------|--------------|------------|-----------------------------|------------|
| kW         |            |                 | r/min        | Hz    | acc. to IEC 60034-30-1 | $\cos\Phi$   | $I_N$<br>A | $T_N$<br>Nm<br>$T_{OL}/T_N$ | r/min      |
| 1500 r/min |            |                 | 380V network |       |                        |              |            |                             |            |
| 4          | 112M       | SCZ5-112M-1500  | 1500         | 50    | 92.8                   | 0.81         | 8.9        | 25.5 1.5                    | 1800       |
| 5.5        | 132S       | SCZ5-132S-1500  | 1500         | 50    | 93.4                   | 0.84         | 11.7       | 35 1.5                      | 1800       |
| 7.5        | 132M       | SCZ5-132M-1500  | 1500         | 50    | 94                     | 0.84         | 15.9       | 47.8 1.5                    | 1800       |
| 11         | 160M       | SCZ5-160M-1500  | 1500         | 50    | 94.6                   | 0.86         | 22.6       | 70 1.5                      | 1800       |
| 15         | 160L       | SCZ5-160L-1500  | 1500         | 50    | 95.1                   | 0.86         | 30.7       | 95.5 1.5                    | 1800       |
| 18.5       | 180M       | SCZ5-180M-1500  | 1500         | 50    | 95.3                   | 0.87         | 37.3       | 118 1.5                     | 1800       |
| 22         | 180L       | SCZ5-180L-1500  | 1500         | 50    | 95.5                   | 0.87         | 44.3       | 140 1.5                     | 1800       |
| 30         | 200L       | SCZ5-200L-1500  | 1500         | 50    | 95.9                   | 0.87         | 60.2       | 191 1.5                     | 1800       |
| 37         | 225S       | SCZ5-225S-1500  | 1500         | 50    | 96.1                   | 0.9          | 71.6       | 236 1.5                     | 1800       |
| 45         | 225M       | SCZ5-225M-1500  | 1500         | 50    | 96.3                   | 0.9          | 86.9       | 287 1.5                     | 1800       |
| 55         | 250M       | SCZ5-250M-1500  | 1500         | 50    | 96.5                   | 0.9          | 106.0      | 350 1.5                     | 1800       |
| 75         | 280S       | SCZ5-280S-1500  | 1500         | 50    | 96.7                   | 0.9          | 144.2      | 478 1.5                     | 1800       |
| 90         | 280M       | SCZ5-280M-1500  | 1500         | 50    | 96.9                   | 0.9          | 172.7      | 573 1.5                     | 1800       |
| 110        | 315S       | SCZ5-315S-1500  | 1500         | 50    | 97                     | 0.91         | 208.5      | 700 1.5                     | 1800       |
| 132        | 315M       | SCZ5-2315M-1500 | 1500         | 50    | 97.1                   | 0.91         | 250.0      | 840 1.5                     | 1800       |
| 160        | 315L       | SCZ5-315L1-1500 | 1500         | 50    | 97.2                   | 0.91         | 302.7      | 1019 1.5                    | 1800       |
| 200        | 315L       | SCZ5-315L2-1500 | 1500         | 50    | 97.4                   | 0.91         | 377.6      | 1273 1.5                    | 1800       |

# SUNVIM

IE5

1000 r/min

## Technical data

IP 55 - IC411, Insulation class F, temperature rise B  
IE3 efficiency class according to IEC 60034-30-1

| Output     | Frame Size | Motor Type      | Speed        | $f_N$ | Efficiency             | Power factor | Current    | Torque      |              | Max. Speed |
|------------|------------|-----------------|--------------|-------|------------------------|--------------|------------|-------------|--------------|------------|
| kW         |            |                 | r/min        | Hz    | acc. to IEC 60034-30-1 | $\cos\Phi$   | $I_N$<br>A | $T_N$<br>Nm | $T_{0L}/T_N$ | r/min      |
| 1000 r/min |            |                 | 380V network |       |                        |              |            |             |              |            |
| 2.2        | 112M       | SCZ5-112M-1000  | 1000         | 33.3  | 89.7                   | 0.8          | 5.1        | 21.0        | 1.5          | 1200       |
| 3          | 132S       | SCZ5-132S-1000  | 1000         | 33.3  | 90.6                   | 0.81         | 6.8        | 29          | 1.5          | 1200       |
| 4          | 132M       | SCZ5-132M1-1000 | 1000         | 33.3  | 91.4                   | 0.81         | 9.0        | 38.2        | 1.5          | 1200       |
| 5.5        | 132M       | SCZ5-132M2-1000 | 1000         | 33.3  | 92.2                   | 0.81         | 12.3       | 53          | 1.5          | 1200       |
| 7.5        | 160M       | SCZ5-160M-1000  | 1000         | 33.3  | 92.9                   | 0.83         | 16.3       | 71.6        | 1.5          | 1200       |
| 11         | 160L       | SCZ5-160L-1000  | 1000         | 33.3  | 93.7                   | 0.83         | 23.7       | 105         | 1.5          | 1200       |
| 15         | 180L       | SCZ5-180L-1000  | 1000         | 33.3  | 94.3                   | 0.84         | 31.7       | 143         | 1.5          | 1200       |
| 18.5       | 200L       | SCZ5-200L1-1000 | 1000         | 33.3  | 94.6                   | 0.86         | 38.1       | 177         | 1.5          | 1200       |
| 22         | 200L       | SCZ5-200L2-1000 | 1000         | 33.3  | 94.9                   | 0.86         | 45.1       | 210         | 1.5          | 1200       |
| 30         | 225M       | SCZ5-225M-1000  | 1000         | 33.3  | 95.3                   | 0.88         | 59.9       | 287         | 1.5          | 1200       |
| 37         | 250M       | SCZ5-250M-1000  | 1000         | 33.3  | 95.6                   | 0.88         | 73.6       | 353         | 1.5          | 1200       |
| 45         | 280S       | SCZ5-280S-1000  | 1000         | 33.3  | 95.8                   | 0.9          | 87.3       | 430         | 1.5          | 1200       |
| 55         | 280M       | SCZ5-280M-1000  | 1000         | 33.3  | 96                     | 0.9          | 106.5      | 525         | 1.5          | 1200       |
| 75         | 315S       | SCZ5-315S-1000  | 1000         | 33.3  | 96.3                   | 0.91         | 143.2      | 716         | 1.5          | 1200       |
| 90         | 315M       | SCZ5-2315M-1000 | 1000         | 33.3  | 96.5                   | 0.91         | 171.5      | 860         | 1.5          | 1200       |
| 110        | 315L       | SCZ5-315L1-1000 | 1000         | 33.3  | 96.6                   | 0.91         | 209.4      | 1051        | 1.5          | 1200       |
| 132        | 315L       | SCZ5-315L2-1000 | 1000         | 33.3  | 96.8                   | 0.91         | 250.8      | 1261        | 1.5          | 1200       |