



## Addendum to the Operating Instructions



### **MOVITRAC® LTE-B+**

Information About the EU Ecodesign Regulation 2019/1781 and the UK Ecodesign Regulations (S.I. 2010 No. 2617 and S.I. 2021 No. 745)



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## 1 Content of this document

This document contains a list of points stipulated by the EU Ecodesign Regulation 2019/1781 and by the UK Ecodesign Regulations (S.I. 2010 No. 2617 and S.I. 2021 No. 745) for the inverter series.

These points are:

|      |                                                                               |
|------|-------------------------------------------------------------------------------|
| (1)  | Power loss in % of the apparent output power $S_N$<br>Standby losses (W, %)   |
| (2)  | Efficiency level according to IEC 61800-9-2                                   |
| (3)  | Manufacturer's name or trademark, commercial registration number, and address |
| (4)  | Model identifier of the product                                               |
| (5)  | Apparent output power or range of apparent output power (kVA)                 |
| (6)  | Indicative motor rated output power $P_N$ (kW)                                |
| (7)  | Nominal output current (A)                                                    |
| (8)  | Maximum operating temperature (°C)                                            |
| (9)  | Rated supply frequency (Hz)                                                   |
| (10) | Nominal input voltage or range of nominal input voltage (V)                   |

Point 1 first lists the power losses in percent of the rated apparent output power at the 8 operating points specified by the regulation, and second, standby losses for each device.

The operating points are indicated in the regulation with 2 numbers separated by a semicolon, such as "0;50". The first number is the relative motor stator frequency, the second number indicates the relative torque-producing current.

### 1.1 Year of manufacture

The year of manufacture is part of the 14-digit serial number which is indicated on the system nameplate.

|                                             |                                |
|---------------------------------------------|--------------------------------|
| 102                                         | 12345678901                    |
| 1st and 3rd digit: Month<br>2nd digit: Year | Remainder of the serial number |

For the case shown, the date of manufacture is 12/2020.

## 2 Inverter data according to regulation 2019/1781

### 2.1 Connection voltage 3 × AC 380 V – 480 V (IP20)

#### 2.1.1 MCLTE-B 0008 – 0015-5A3-1-00

| Model identifier                                 | MOVITRAC® LTE-B                                                           |               |       |
|--------------------------------------------------|---------------------------------------------------------------------------|---------------|-------|
| Type                                             | MCLTE-B-0008 – 0015-5A3-1-00                                              |               |       |
| Performance class                                |                                                                           | 0008          | 0015  |
| (1) Power loss in % of the apparent output power | 0;25                                                                      | 11.70         | 11.40 |
|                                                  | 0;50                                                                      | 11.50         | 11.00 |
|                                                  | 0;100                                                                     | 10.70         | 10.10 |
|                                                  | 50;25                                                                     | 4.80          | 4.70  |
|                                                  | 50;50                                                                     | 5.10          | 3.80  |
|                                                  | 50;100                                                                    | 4.40          | 3.50  |
|                                                  | 90;50                                                                     | 3.30          | 2.80  |
|                                                  | 90;100                                                                    | 2.80          | 2.30  |
| (1) Power loss in standby                        | W                                                                         | 4.55          | 4.55  |
|                                                  | %                                                                         | 0.3           | 0.2   |
| (2) Efficiency level according to IEC 61800-9-2  | IE2                                                                       |               |       |
| (3) Manufacturer                                 | SEW-EURODRIVE GmbH & Co KG<br>RG Mannheim, HRB 230207<br>D-76646 Bruchsal |               |       |
| (5) Apparent output power                        | kVA                                                                       | 1.5           | 2.8   |
| (6) Indicative motor rated power output          | kW                                                                        | 0.75          | 1.5   |
| (7) Rated output current                         | A                                                                         | 2.2           | 4.1   |
| (8) Maximum operating temperature                | °C                                                                        | 55            |       |
| (9) Rated supply frequency                       | Hz                                                                        | 50 – 60 ± 5 % |       |
| (10) Range of rated supply voltage               | V                                                                         | 3 × 380 – 480 |       |

## 2.1.2 MCLTE-B 0015 – 0040-5A3-4-00

| Model identifier                                 | MOVITRAC® LTE-B                                                           |               |       |       |
|--------------------------------------------------|---------------------------------------------------------------------------|---------------|-------|-------|
| Type                                             | MCLTE-B-0015 – 0040-5A3-4-00                                              |               |       |       |
| Performance class                                |                                                                           | 0015          | 0022  | 0040  |
| (1) Power loss in % of the apparent output power | 0;25                                                                      | 16.60         | 12.30 | 14.40 |
|                                                  | 0;50                                                                      | 14.90         | 12.00 | 12.70 |
|                                                  | 0;100                                                                     | 12.60         | 11.00 | 11.40 |
|                                                  | 50;25                                                                     | 5.80          | 3.50  | 5.20  |
|                                                  | 50;50                                                                     | 4.70          | 4.00  | 4.40  |
|                                                  | 50;100                                                                    | 4.10          | 3.70  | 4.20  |
|                                                  | 90;50                                                                     | 3.20          | 2.70  | 2.90  |
|                                                  | 90;100                                                                    | 2.80          | 2.60  | 3.00  |
| (1) Power loss in standby                        | W                                                                         | 6.44          | 6.44  | 6.44  |
|                                                  | %                                                                         | 0.2           | 0.2   | 0.1   |
| (2) Efficiency level according to IEC 61800-9-2  | IE2                                                                       |               |       |       |
| (3) Manufacturer                                 | SEW-EURODRIVE GmbH & Co KG<br>RG Mannheim, HRB 230207<br>D-76646 Bruchsal |               |       |       |
| (5) Apparent output power                        | kVA                                                                       | 2.8           | 4.0   | 6.6   |
| (6) Indicative motor rated power output          | kW                                                                        | 1.5           | 2.2   | 4     |
| (7) Rated output current                         | A                                                                         | 4.1           | 5.8   | 9.5   |
| (8) Maximum operating temperature                | °C                                                                        | 55            |       |       |
| (9) Rated supply frequency                       | Hz                                                                        | 50 – 60 ± 5 % |       |       |
| (10) Range of rated supply voltage               | V                                                                         | 3 × 380 – 480 |       |       |

## 2.1.3 MCLTE-B 0055 – 0110-5A3-4-00

| Model identifier                                 | MOVITRAC® LTE-B                                                           |               |       |       |
|--------------------------------------------------|---------------------------------------------------------------------------|---------------|-------|-------|
| Type                                             | MCLTE-B-0055 – 0110-5A3-4-00                                              |               |       |       |
| Performance class                                |                                                                           | 0055          | 0075  | 0110  |
| (1) Power loss in % of the apparent output power | 0;25                                                                      | 12.30         | 12.30 | 19.80 |
|                                                  | 0;50                                                                      | 11.50         | 12.40 | 14.70 |
|                                                  | 0;100                                                                     | 11.00         | 12.00 | 12.50 |
|                                                  | 50;25                                                                     | 3.60          | 3.40  | 3.30  |
|                                                  | 50;50                                                                     | 3.50          | 3.40  | 5.20  |
|                                                  | 50;100                                                                    | 3.50          | 3.60  | 4.10  |
|                                                  | 90;50                                                                     | 1.90          | 2.00  | 3.30  |
|                                                  | 90;100                                                                    | 2.20          | 2.20  | 2.80  |
| (1) Power loss in standby                        | W                                                                         | 6.42          | 6.42  | 6.42  |
|                                                  | %                                                                         | 0.1           | 0.1   | 0.0   |
| (2) Efficiency level according to IEC 61800-9-2  | IE2                                                                       |               |       |       |
| (3) Manufacturer                                 | SEW-EURODRIVE GmbH & Co KG<br>RG Mannheim, HRB 230207<br>D-76646 Bruchsal |               |       |       |
| (5) Apparent output power                        | kVA                                                                       | 9.7           | 12.5  | 16.6  |
| (6) Indicative motor rated power output          | kW                                                                        | 5.5           | 7.5   | 11    |
| (7) Rated output current                         | A                                                                         | 14            | 18    | 24    |
| (8) Maximum operating temperature                | °C                                                                        | 55            |       |       |
| (9) Rated supply frequency                       | Hz                                                                        | 50 – 60 ± 5 % |       |       |
| (10) Range of rated supply voltage               | V                                                                         | 3 × 380 – 480 |       |       |

## 2.1.4 MCLTE-B 0150 – 0220-5A3-4-00

| Model identifier                                 | MOVITRAC® LTE-B                                                           |               |       |       |
|--------------------------------------------------|---------------------------------------------------------------------------|---------------|-------|-------|
| Type                                             | MCLTE-B-0150 – 0220-5A3-4-00                                              |               |       |       |
| Performance class                                |                                                                           | 0150          | 0185  | 0220  |
| (1) Power loss in % of the apparent output power | 0;25                                                                      | 12.40         | 17.00 | 23.20 |
|                                                  | 0;50                                                                      | 11.40         | 16.40 | 14.00 |
|                                                  | 0;100                                                                     | 11.30         | 12.40 | 3.90  |
|                                                  | 50;25                                                                     | 3.50          | 5.80  | 9.70  |
|                                                  | 50;50                                                                     | 3.30          | 5.40  | 4.40  |
|                                                  | 50;100                                                                    | 3.50          | 3.90  | 3.40  |
|                                                  | 90;50                                                                     | 2.00          | 3.30  | 2.70  |
|                                                  | 90;100                                                                    | 2.10          | 2.50  | 2.60  |
| (1) Power loss in standby                        | W                                                                         | 14.6          | 14.6  | 14.6  |
|                                                  | %                                                                         | 0.1           | 0.1   | 0.1   |
| (2) Efficiency level according to IEC 61800-9-2  | IE2                                                                       |               |       |       |
| (3) Manufacturer                                 | SEW-EURODRIVE GmbH & Co KG<br>RG Mannheim, HRB 230207<br>D-76646 Bruchsal |               |       |       |
| (5) Apparent output power                        | kVA                                                                       | 20.8          | 27.0  | 31.9  |
| (6) Indicative motor rated power output          | kW                                                                        | 15            | 18.5  | 22    |
| (7) Rated output current                         | A                                                                         | 30            | 39    | 46    |
| (8) Maximum operating temperature                | °C                                                                        | 55            |       |       |
| (9) Rated supply frequency                       | Hz                                                                        | 50 – 60 ± 5 % |       |       |
| (10) Range of rated supply voltage               | V                                                                         | 3 × 380 – 480 |       |       |



2.1.5 MCLTE-B 0300 – 0370-5A3-4-00

| Model identifier                                 | MOVITRAC® LTE-B                                                           |               |       |
|--------------------------------------------------|---------------------------------------------------------------------------|---------------|-------|
| Type                                             | MCLTE-B-0300 – 0370-5A3-4-00                                              |               |       |
| Performance class                                |                                                                           | 0300          | 0370  |
| (1) Power loss in % of the apparent output power | 0;25                                                                      | 14.67         | 16.24 |
|                                                  | 0;50                                                                      | 11.73         | 12.65 |
|                                                  | 0;100                                                                     | 10.28         | 11.21 |
|                                                  | 50;25                                                                     | 4.12          | 5.61  |
|                                                  | 50;50                                                                     | 3.48          | 3.76  |
|                                                  | 50;100                                                                    | 3.15          | 3.34  |
|                                                  | 90;50                                                                     | 2.27          | 2.48  |
|                                                  | 90;100                                                                    | 2.14          | 2.27  |
| (1) Power loss in standby                        | W                                                                         | 13.6          | 13.6  |
|                                                  | %                                                                         | 0.0           | 0.0   |
| (2) Efficiency level according to IEC 61800-9-2  | IE2                                                                       |               |       |
| (3) Manufacturer                                 | SEW-EURODRIVE GmbH & Co KG<br>RG Mannheim, HRB 230207<br>D-76646 Bruchsal |               |       |
| (5) Apparent output power                        | kVA                                                                       | 42.3          | 49.9  |
| (6) Indicative motor rated power output          | kW                                                                        | 30            | 37    |
| (7) Rated output current                         | A                                                                         | 61            | 72    |
| (8) Maximum operating temperature                | °C                                                                        | 55            |       |
| (9) Rated supply frequency                       | Hz                                                                        | 50 – 60 ± 5 % |       |
| (10) Range of rated supply voltage               | V                                                                         | 3 × 380 – 480 |       |

**2.2 Connection voltage 3 × AC 200 V – 240 V (IP20)****2.2.1 MCLTE-B 0015 – 0022-2A3-4-00**

| Model identifier                                 | MOVITRAC® LTE-B                                                           |               |       |
|--------------------------------------------------|---------------------------------------------------------------------------|---------------|-------|
| Type                                             | MCLTE-B-0015 – 0022-2A3-4-00                                              |               |       |
| Performance class                                |                                                                           | 0015          | 0022  |
| (1) Power loss in % of the apparent output power | 0;25                                                                      | 15.80         | 13.60 |
|                                                  | 0;50                                                                      | 15.10         | 13.70 |
|                                                  | 0;100                                                                     | 13.80         | 3.30  |
|                                                  | 50;25                                                                     | 5.30          | 4.50  |
|                                                  | 50;50                                                                     | 4.80          | 4.40  |
|                                                  | 50;100                                                                    | 4.60          | 4.70  |
|                                                  | 90;50                                                                     | 3.30          | 3.20  |
|                                                  | 90;100                                                                    | 3.10          | 3.30  |
| (1) Power loss in standby                        | W                                                                         | 4.51          | 4.51  |
|                                                  | %                                                                         | 0.1           | 0.1   |
| (2) Efficiency level according to IEC 61800-9-2  | IE2                                                                       |               |       |
| (3) Manufacturer                                 | SEW-EURODRIVE GmbH & Co KG<br>RG Mannheim, HRB 230207<br>D-76646 Bruchsal |               |       |
| (5) Apparent output power                        | kVA                                                                       | 2.8           | 4.2   |
| (6) Indicative motor rated power output          | kW                                                                        | 1.5           | 2.2   |
| (7) Rated output current                         | A                                                                         | 7             | 10.5  |
| (8) Maximum operating temperature                | °C                                                                        | 55            |       |
| (9) Rated supply frequency                       | Hz                                                                        | 50 – 60 ± 5 % |       |
| (10) Range of rated supply voltage               | V                                                                         | 3 × 200 – 240 |       |

2.2.2 MCLTE-B 0040 – 0055-2A3-4-00

| Model identifier                                 | MOVITRAC® LTE-B                                                           |               |       |
|--------------------------------------------------|---------------------------------------------------------------------------|---------------|-------|
| Type                                             | MCLTE-B-0040 – 0055-2A3-4-00                                              |               |       |
| Performance class                                |                                                                           | 0040          | 0055  |
| (1) Power loss in % of the apparent output power | 0;25                                                                      | 16.50         | 16.70 |
|                                                  | 0;50                                                                      | 16.70         | 17.50 |
|                                                  | 0;100                                                                     | 17.60         | 18.70 |
|                                                  | 50;25                                                                     | 5.10          | 5.20  |
|                                                  | 50;50                                                                     | 5.00          | 5.30  |
|                                                  | 50;100                                                                    | 5.50          | 6.20  |
|                                                  | 90;50                                                                     | 3.40          | 3.60  |
|                                                  | 90;100                                                                    | 3.70          | 4.20  |
| (1) Power loss in standby                        | W                                                                         | 5.16          | 5.16  |
|                                                  | %                                                                         | 0.1           | 0.1   |
| (2) Efficiency level according to IEC 61800-9-2  | IE2                                                                       |               |       |
| (3) Manufacturer                                 | SEW-EURODRIVE GmbH & Co KG<br>RG Mannheim, HRB 230207<br>D-76646 Bruchsal |               |       |
| (5) Apparent output power                        | kVA                                                                       | 7.2           | 9.6   |
| (6) Indicative motor rated power output          | kW                                                                        | 4             | 5.5   |
| (7) Rated output current                         | A                                                                         | 18            | 24    |
| (8) Maximum operating temperature                | °C                                                                        | 55            |       |
| (9) Rated supply frequency                       | Hz                                                                        | 50 – 60 ± 5 % |       |
| (10) Range of rated supply voltage               | V                                                                         | 3 × 200 – 240 |       |

## 2.2.3 MCLTE-B 0075 – 0110-2A3-4-00

| Model identifier                                 | MOVITRAC® LTE-B                                                           |               |       |
|--------------------------------------------------|---------------------------------------------------------------------------|---------------|-------|
| Type                                             | MCLTE-B-0075 – 0110-2A3-4-00                                              |               |       |
| Performance class                                |                                                                           | 0075          | 0110  |
| (1) Power loss in % of the apparent output power | 0;25                                                                      | 14.40         | 14.70 |
|                                                  | 0;50                                                                      | 15.40         | 14.30 |
|                                                  | 0;100                                                                     | 16.80         | 14.80 |
|                                                  | 50;25                                                                     | 3.50          | 4.50  |
|                                                  | 50;50                                                                     | 4.30          | 4.40  |
|                                                  | 50;100                                                                    | 5.20          | 5.00  |
|                                                  | 90;50                                                                     | 2.60          | 2.80  |
|                                                  | 90;100                                                                    | 3.30          | 3.20  |
| (1) Power loss in standby                        | W                                                                         | 7.54          | 7.54  |
|                                                  | %                                                                         | 0.1           | 0.0   |
| (2) Efficiency level according to IEC 61800-9-2  | IE2                                                                       |               |       |
| (3) Manufacturer                                 | SEW-EURODRIVE GmbH & Co KG<br>RG Mannheim, HRB 230207<br>D-76646 Bruchsal |               |       |
| (5) Apparent output power                        | kVA                                                                       | 12.0          | 18.3  |
| (6) Indicative motor rated power output          | kW                                                                        | 7.5           | 11    |
| (7) Rated output current                         | A                                                                         | 30            | 46    |
| (8) Maximum operating temperature                | °C                                                                        | 55            |       |
| (9) Rated supply frequency                       | Hz                                                                        | 50 – 60 ± 5 % |       |
| (10) Range of rated supply voltage               | V                                                                         | 3 × 200 – 240 |       |

2.2.4 MCLTE-B 0150 – 0185-2A3-4-00

| Model identifier                                 | MOVITRAC® LTE-B                                                           |               |       |
|--------------------------------------------------|---------------------------------------------------------------------------|---------------|-------|
| Type                                             | MCLTE-B-0150 – 0185-2A3-4-00                                              |               |       |
| Performance class                                |                                                                           | 0150          | 0185  |
| (1) Power loss in % of the apparent output power | 0;25                                                                      | 12.67         | 12.67 |
|                                                  | 0;50                                                                      | 12.51         | 12.83 |
|                                                  | 0;100                                                                     | 13.61         | 13.80 |
|                                                  | 50;25                                                                     | 4.13          | 3.64  |
|                                                  | 50;50                                                                     | 4.08          | 4.08  |
|                                                  | 50;100                                                                    | 4.41          | 4.61  |
|                                                  | 90;50                                                                     | 2.80          | 2.84  |
|                                                  | 90;100                                                                    | 3.12          | 3.31  |
| (1) Power loss in standby                        | W                                                                         | 7             | 7     |
|                                                  | %                                                                         | 0.0           | 0.0   |
| (2) Efficiency level according to IEC 61800-9-2  | IE2                                                                       |               |       |
| (3) Manufacturer                                 | SEW-EURODRIVE GmbH & Co KG<br>RG Mannheim, HRB 230207<br>D-76646 Bruchsal |               |       |
| (5) Apparent output power                        | kVA                                                                       | 24.3          | 28.7  |
| (6) Indicative motor rated power output          | kW                                                                        | 15            | 18.5  |
| (7) Rated output current                         | A                                                                         | 61            | 72    |
| (8) Maximum operating temperature                | °C                                                                        | 55            |       |
| (9) Rated supply frequency                       | Hz                                                                        | 50 – 60 ± 5 % |       |
| (10) Range of rated supply voltage               | V                                                                         | 3 × 200 – 240 |       |

**2.3 Connection voltage 3 × AC 380 V – 480 V (IP66)****2.3.1 MCLTE-B 0008 – 0015-5A3-1-30, MCLTE-B 0008 – 0015-5A3-1-40**

| Model identifier                                 | MOVITRAC® LTE-B                                                           |               |       |
|--------------------------------------------------|---------------------------------------------------------------------------|---------------|-------|
| Type                                             | MCLTE-B-0008 – 0015-5A3-1-30<br>MCLTE-B-0008 – 0015-5A3-1-40              |               |       |
| Performance class                                |                                                                           | 0008          | 0015  |
| (1) Power loss in % of the apparent output power | 0;25                                                                      | 17.04         | 33.20 |
|                                                  | 0;50                                                                      | 9.62          | 37.58 |
|                                                  | 0;100                                                                     | 12.43         | 15.22 |
|                                                  | 50;25                                                                     | 16.02         | 3.12  |
|                                                  | 50;50                                                                     | 4.08          | 24.10 |
|                                                  | 50;100                                                                    | 3.59          | 5.12  |
|                                                  | 90;50                                                                     | 2.64          | 18.05 |
|                                                  | 90;100                                                                    | 5.51          | 3.83  |
| (1) Power loss in standby                        | W                                                                         | 6             | 6     |
|                                                  | %                                                                         | 0.4           | 0.2   |
| (2) Efficiency level according to IEC 61800-9-2  | IE2                                                                       |               |       |
| (3) Manufacturer                                 | SEW-EURODRIVE GmbH & Co KG<br>RG Mannheim, HRB 230207<br>D-76646 Bruchsal |               |       |
| (5) Apparent output power                        | kVA                                                                       | 1.5           | 2.8   |
| (6) Indicative motor rated power output          | kW                                                                        | 0.75          | 1.5   |
| (7) Rated output current                         | A                                                                         | 2.2           | 4.1   |
| (8) Maximum operating temperature                | °C                                                                        | 50            |       |
| (9) Rated supply frequency                       | Hz                                                                        | 50 – 60 ± 5 % |       |
| (10) Range of rated supply voltage               | V                                                                         | 3 × 380 – 480 |       |

2.3.2 MCLTE-B 0015 – 0040-5A3-4-30, MCLTE-B 0015 – 0040-5A3-4-40

| Model identifier                                 | MOVITRAC® LTE-B                                                           |               |       |       |
|--------------------------------------------------|---------------------------------------------------------------------------|---------------|-------|-------|
| Type                                             | MCLTE-B-0015 – 0040-5A3-4-30<br>MCLTE-B-0015 – 0040-5A3-4-40              |               |       |       |
| Performance class                                |                                                                           | 0015          | 0022  | 0040  |
| (1) Power loss in % of the apparent output power | 0;25                                                                      | 16.59         | 14.44 | 18.01 |
|                                                  | 0;50                                                                      | 14.92         | 13.08 | 15.52 |
|                                                  | 0;100                                                                     | 12.34         | 11.78 | 14.10 |
|                                                  | 50;25                                                                     | 5.79          | 5.32  | 6.45  |
|                                                  | 50;50                                                                     | 4.69          | 4.20  | 5.18  |
|                                                  | 50;100                                                                    | 4.09          | 3.75  | 4.89  |
|                                                  | 90;50                                                                     | 3.21          | 2.79  | 3.33  |
|                                                  | 90;100                                                                    | 2.84          | 2.54  | 3.02  |
| (1) Power loss in standby                        | W                                                                         | 7.3           | 7.3   | 7.3   |
|                                                  | %                                                                         | 0.3           | 0.2   | 0.1   |
| (2) Efficiency level according to IEC 61800-9-2  | IE2                                                                       |               |       |       |
| (3) Manufacturer                                 | SEW-EURODRIVE GmbH & Co KG<br>RG Mannheim, HRB 230207<br>D-76646 Bruchsal |               |       |       |
| (5) Apparent output power                        | kVA                                                                       | 2.8           | 4.0   | 6.6   |
| (6) Indicative motor rated power output          | kW                                                                        | 1.5           | 2.2   | 4     |
| (7) Rated output current                         | A                                                                         | 4.1           | 5.8   | 9.5   |
| (8) Maximum operating temperature                | °C                                                                        | 50            |       |       |
| (9) Rated supply frequency                       | Hz                                                                        | 50 – 60 ± 5 % |       |       |
| (10) Range of rated supply voltage               | V                                                                         | 3 × 380 – 480 |       |       |

## 2.3.3 MCLTE-B 0055 – 0110-5A3-4-30, MCLTE-B 0055 – 0110-5A3-4-40

| Model identifier                                 | MOVITRAC® LTE-B                                                           |               |       |       |
|--------------------------------------------------|---------------------------------------------------------------------------|---------------|-------|-------|
| Type                                             | MCLTE-B-0055 – 0110-5A3-4-30<br>MCLTE-B-0055 – 0110-5A3-4-40              |               |       |       |
| Performance class                                |                                                                           | 0055          | 0075  | 0110  |
| (1) Power loss in % of the apparent output power | 0;25                                                                      | 14.17         | 40.29 | 21.72 |
|                                                  | 0;50                                                                      | 12.97         | 17.35 | 14.49 |
|                                                  | 0;100                                                                     | 12.13         | 14.08 | 12.62 |
|                                                  | 50;25                                                                     | 4.40          | 26.65 | 7.87  |
|                                                  | 50;50                                                                     | 3.96          | 6.48  | 4.19  |
|                                                  | 50;100                                                                    | 3.82          | 4.72  | 3.79  |
|                                                  | 90;50                                                                     | 2.73          | 4.37  | 2.74  |
|                                                  | 90;100                                                                    | 2.65          | 3.29  | 2.46  |
| (1) Power loss in standby                        | W                                                                         | 6.7           | 6.7   | 6.7   |
|                                                  | %                                                                         | 0.1           | 0.1   | 0.0   |
| (2) Efficiency level according to IEC 61800-9-2  | IE2                                                                       |               |       |       |
| (3) Manufacturer                                 | SEW-EURODRIVE GmbH & Co KG<br>RG Mannheim, HRB 230207<br>D-76646 Bruchsal |               |       |       |
| (5) Apparent output power                        | kVA                                                                       | 9.7           | 12.5  | 16.6  |
| (6) Indicative motor rated power output          | kW                                                                        | 5.5           | 7.5   | 11    |
| (7) Rated output current                         | A                                                                         | 14            | 18    | 24    |
| (8) Maximum operating temperature                | °C                                                                        | 50            |       |       |
| (9) Rated supply frequency                       | Hz                                                                        | 50 – 60 ± 5 % |       |       |
| (10) Range of rated supply voltage               | V                                                                         | 3 × 380 – 480 |       |       |



2.3.4 MCLTE-B 0150 – 0220-5A3-4-30, MCLTE-B 0150 – 0220-5A3-4-40

| Model identifier                                 | MOVITRAC® LTE-B                                                           |               |       |       |
|--------------------------------------------------|---------------------------------------------------------------------------|---------------|-------|-------|
| Type                                             | MCLTE-B-0150 – 0220-5A3-4-30<br>MCLTE-B-0150 – 0220-5A3-4-40              |               |       |       |
| Performance class                                |                                                                           | 0150          | 0185  | 0220  |
| (1) Power loss in % of the apparent output power | 0;25                                                                      | 18.60         | 14.70 | 13.00 |
|                                                  | 0;50                                                                      | 13.50         | 12.00 | 12.30 |
|                                                  | 0;100                                                                     | 11.60         | 11.40 | 11.80 |
|                                                  | 50;25                                                                     | 6.30          | 3.90  | 3.10  |
|                                                  | 50;50                                                                     | 3.80          | 3.30  | 3.20  |
|                                                  | 50;100                                                                    | 3.20          | 3.10  | 3.30  |
|                                                  | 90;50                                                                     | 2.10          | 1.80  | 1.60  |
|                                                  | 90;100                                                                    | 1.70          | 1.70  | 1.70  |
| (1) Power loss in standby                        | W                                                                         | 10            | 10    | 10    |
|                                                  | %                                                                         | 0.1           | 0.0   | 0.0   |
| (2) Efficiency level according to IEC 61800-9-2  | IE2                                                                       |               |       |       |
| (3) Manufacturer                                 | SEW-EURODRIVE GmbH & Co KG<br>RG Mannheim, HRB 230207<br>D-76646 Bruchsal |               |       |       |
| (5) Apparent output power                        | kVA                                                                       | 20.8          | 27.0  | 31.9  |
| (6) Indicative motor rated power output          | kW                                                                        | 15            | 18.5  | 22    |
| (7) Rated output current                         | A                                                                         | 30            | 39    | 46    |
| (8) Maximum operating temperature                | °C                                                                        | 50            |       |       |
| (9) Rated supply frequency                       | Hz                                                                        | 50 – 60 ± 5 % |       |       |
| (10) Range of rated supply voltage               | V                                                                         | 3 × 380 – 480 |       |       |

**2.4 Connection voltage 3 × AC 200 V – 240 V (IP66)****2.4.1 MCLTE-B 0015 – 0022-2A3-4-30, MCLTE-B 0015 – 0022-2A3-4-40**

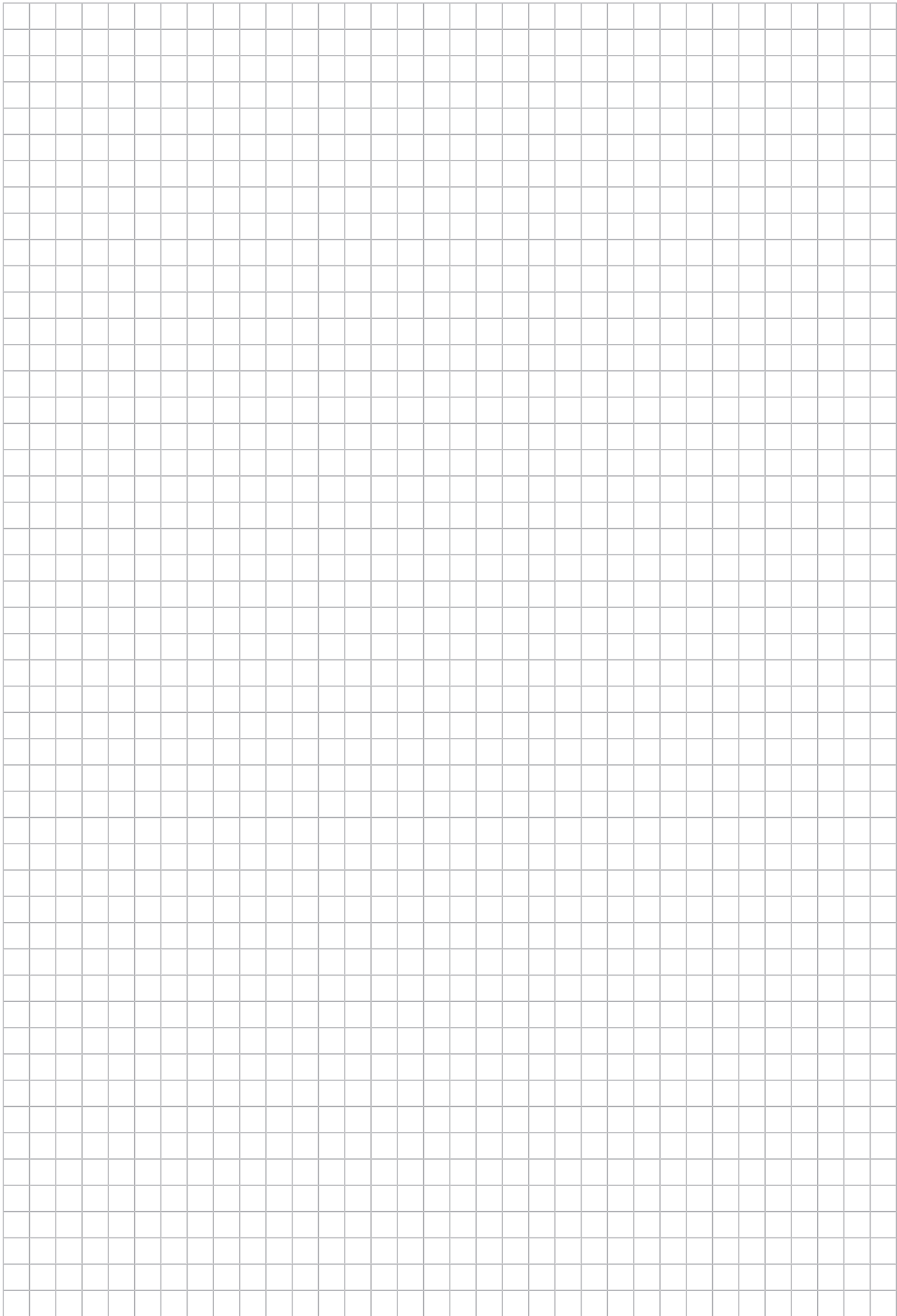
| Model identifier                                 | MOVITRAC® LTE-B                                                           |               |       |
|--------------------------------------------------|---------------------------------------------------------------------------|---------------|-------|
| Type                                             | MCLTE-B-0015 – 0022-2A3-4-30<br>MCLTE-B-0015 – 0022-2A3-4-40              |               |       |
| Performance class                                |                                                                           | 0015          | 0022  |
| (1) Power loss in % of the apparent output power | 0;25                                                                      | 29.55         | 14.39 |
|                                                  | 0;50                                                                      | 16.14         | 13.86 |
|                                                  | 0;100                                                                     | 13.24         | 13.96 |
|                                                  | 50;25                                                                     | 19.52         | 5.39  |
|                                                  | 50;50                                                                     | 16.21         | 4.83  |
|                                                  | 50;100                                                                    | 3.35          | 4.62  |
|                                                  | 90;50                                                                     | 11.34         | 3.39  |
|                                                  | 90;100                                                                    | 3.49          | 3.31  |
| (1) Power loss in standby                        | W                                                                         | 7             | 7     |
|                                                  | %                                                                         | 0.3           | 0.2   |
| (2) Efficiency level according to IEC 61800-9-2  | IE2                                                                       |               |       |
| (3) Manufacturer                                 | SEW-EURODRIVE GmbH & Co KG<br>RG Mannheim, HRB 230207<br>D-76646 Bruchsal |               |       |
| (5) Apparent output power                        | kVA                                                                       | 2.8           | 4.2   |
| (6) Indicative motor rated power output          | kW                                                                        | 1.5           | 2.2   |
| (7) Rated output current                         | A                                                                         | 7             | 10.5  |
| (8) Maximum operating temperature                | °C                                                                        | 50            |       |
| (9) Rated supply frequency                       | Hz                                                                        | 50 – 60 ± 5 % |       |
| (10) Range of rated supply voltage               | V                                                                         | 3 × 200 – 240 |       |

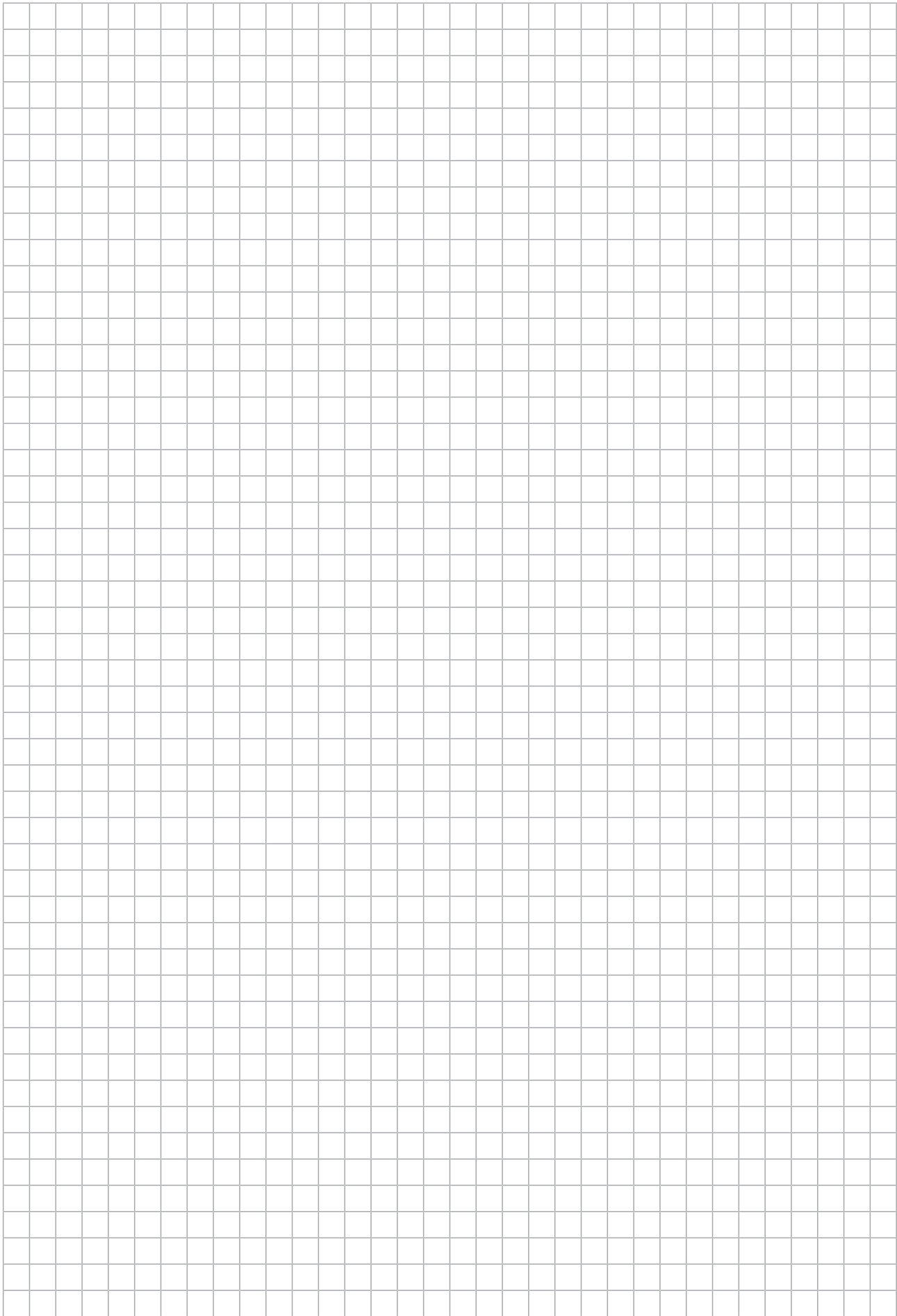
2.4.2 MCLTE-B 0040 – 0055-2A3-4-30, MCLTE-B 0040 – 0055-2A3-4-40

| Model identifier                                 | MOVITRAC® LTE-B                                                           |               |       |
|--------------------------------------------------|---------------------------------------------------------------------------|---------------|-------|
| Type                                             | MCLTE-B-0040 – 0055-2A3-4-30<br>MCLTE-B-0040 – 0055-2A3-4-40              |               |       |
| Performance class                                |                                                                           | 0040          | 0055  |
| (1) Power loss in % of the apparent output power | 0;25                                                                      | 16.04         | 15.50 |
|                                                  | 0;50                                                                      | 13.46         | 15.55 |
|                                                  | 0;100                                                                     | 11.91         | 16.43 |
|                                                  | 50;25                                                                     | 6.41          | 4.55  |
|                                                  | 50;50                                                                     | 4.93          | 4.70  |
|                                                  | 50;100                                                                    | 4.40          | 5.18  |
|                                                  | 90;50                                                                     | 3.48          | 3.02  |
|                                                  | 90;100                                                                    | 3.13          | 3.46  |
| (1) Power loss in standby                        | W                                                                         | 13            | 10    |
|                                                  | %                                                                         | 0.2           | 0.1   |
| (2) Efficiency level according to IEC 61800-9-2  | IE2                                                                       |               |       |
| (3) Manufacturer                                 | SEW-EURODRIVE GmbH & Co KG<br>RG Mannheim, HRB 230207<br>D-76646 Bruchsal |               |       |
| (5) Apparent output power                        | kVA                                                                       | 7.2           | 9.6   |
| (6) Indicative motor rated power output          | kW                                                                        | 4             | 5.5   |
| (7) Rated output current                         | A                                                                         | 18            | 24    |
| (8) Maximum operating temperature                | °C                                                                        | 50            |       |
| (9) Rated supply frequency                       | Hz                                                                        | 50 – 60 ± 5 % |       |
| (10) Range of rated supply voltage               | V                                                                         | 3 × 200 – 240 |       |

## 2.4.3 MCLTE-B 0075 – 0110-2A3-4-30, MCLTE-B 0075 – 0110-2A3-4-40

| Model identifier                                 | MOVITRAC® LTE-B                                                           |               |       |
|--------------------------------------------------|---------------------------------------------------------------------------|---------------|-------|
| Type                                             | MCLTE-B-0075 – 0110-2A3-4-30<br>MCLTE-B-0075 – 0110-2A3-4-40              |               |       |
| Performance class                                |                                                                           | 0075          | 0110  |
| (1) Power loss in % of the apparent output power | 0;25                                                                      | 16.70         | 15.10 |
|                                                  | 0;50                                                                      | 15.50         | 14.90 |
|                                                  | 0;100                                                                     | 16.80         | 15.20 |
|                                                  | 50;25                                                                     | 4.40          | 4.10  |
|                                                  | 50;50                                                                     | 4.20          | 4.10  |
|                                                  | 50;100                                                                    | 4.10          | 4.50  |
|                                                  | 90;50                                                                     | 2.40          | 2.40  |
|                                                  | 90;100                                                                    | 2.50          | 2.80  |
| (1) Power loss in standby                        | W                                                                         | 7.2           | 7.2   |
|                                                  | %                                                                         | 0.1           | 0.0   |
| (2) Efficiency level according to IEC 61800-9-2  | IE2                                                                       |               |       |
| (3) Manufacturer                                 | SEW-EURODRIVE GmbH & Co KG<br>RG Mannheim, HRB 230207<br>D-76646 Bruchsal |               |       |
| (5) Apparent output power                        | kVA                                                                       | 12.0          | 18.3  |
| (6) Indicative motor rated power output          | kW                                                                        | 7.5           | 11    |
| (7) Rated output current                         | A                                                                         | 30            | 46    |
| (8) Maximum operating temperature                | °C                                                                        | 50            |       |
| (9) Rated supply frequency                       | Hz                                                                        | 50 – 60 ± 5 % |       |
| (10) Range of rated supply voltage               | V                                                                         | 3 × 200 – 240 |       |









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