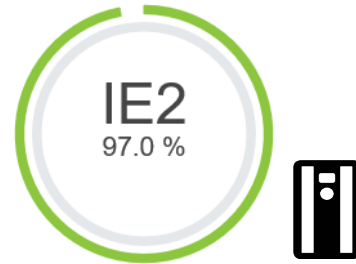


MyDrive® ecoSmart™ Energy Efficiency Report

Drive efficiency (CDM)

The complete drive module CDM IE classification is based on drive losses. This includes EMC filters, braking choppers etc. The loss determination is based on factory setting with e.g default switching etc. The classification is taken at 90% frequency and 100% current.

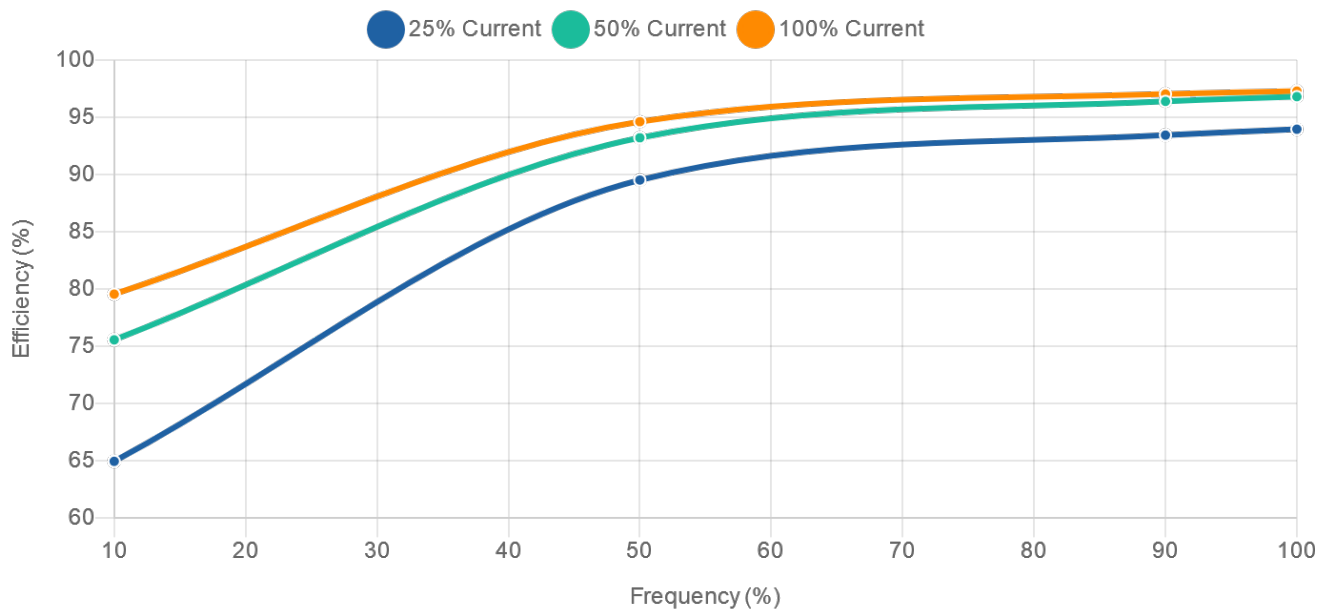


Drive efficiency determined according to EN 50598 - 2 and IEC 61800-9

Drive data

| | |
|----------------------------|------------------------|
| Type code | FC-202P4K0T4E20H2 |
| Series | VLT® AQUA Drive FC 202 |
| Voltage | 3x 380 - 480 VAC |
| Rating | 4.0 kW / 5.5 HP (P4K0) |
| RFI filter | C3 Class A2 |
| Enclosure | IP20 |
| Overload | Normal |
| Nominal current | 10 A |
| Nominal apparent power | 6.9 kVA |
| Standby loss | 12.0 W |
| Nominal apparent frequency | 50 Hz |
| Drive loss | 150.0 W |
| Relative Loss | 2.17 % |

Part load points



| Point | Frequency | Current | Relative Loss | Absolute Loss | Efficiency |
|-------|-----------|---------|---------------|---------------|------------|
| 1 | 10 % | 25 % | 1.19 % | 82 W | 65.0 % |
| 2 | 10 % | 50 % | 1.38 % | 95 W | 75.6 % |
| 3 | 10 % | 100 % | 2.03 % | 140 W | 79.6 % |
| 4 | 50 % | 25 % | 1.29 % | 89 W | 89.5 % |
| 5 | 50 % | 50 % | 1.55 % | 107 W | 93.2 % |
| 6 | 50 % | 100 % | 2.25 % | 155 W | 94.6 % |
| 7 | 90 % | 50 % | 1.43 % | 99 W | 96.4 % |
| 8 | 90 % | 100 % | 2.17 % | 150 W | 97.0 % |
| 9 | 100 % | 50 % | 1.41 % | 97 W | 96.8 % |
| 10 | 100 % | 100 % | 2.20 % | 152 W | 97.3 % |
| 11 | 90 % | 25 % | 1.39 % | 96 W | 93.4 % |
| 12 | 100 % | 25 % | 1.42 % | 98 W | 94.0 % |

The compilation of information in this certificate (the "Information") relies upon the accuracy of the data entered by the user of MyDrive® ecoSmart™ and of the actual operating and environmental conditions. Thus, the Information can be used as a guide for energy efficiency of a drive system only. The Information cannot substitute technical advice, are not promises for energy savings and should not be relied on as accurate data or analyses. The Information is provided "AS IS" without warranty of any kind and does not constitute a guarantee that the information is complete, current, or correct, and Danfoss accepts no responsibility for unsuitable or inaccurate material that may be encountered. The use of this report does not relieve the user of any obligation or duty that might arise under any legislation covering the activities to which this document has been or is to be applied.