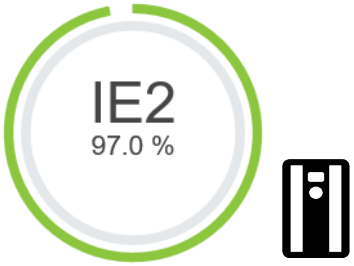
ENGINEERING TOMORROW

MyDrive® ecoSmart™ Energy Efficiency Report

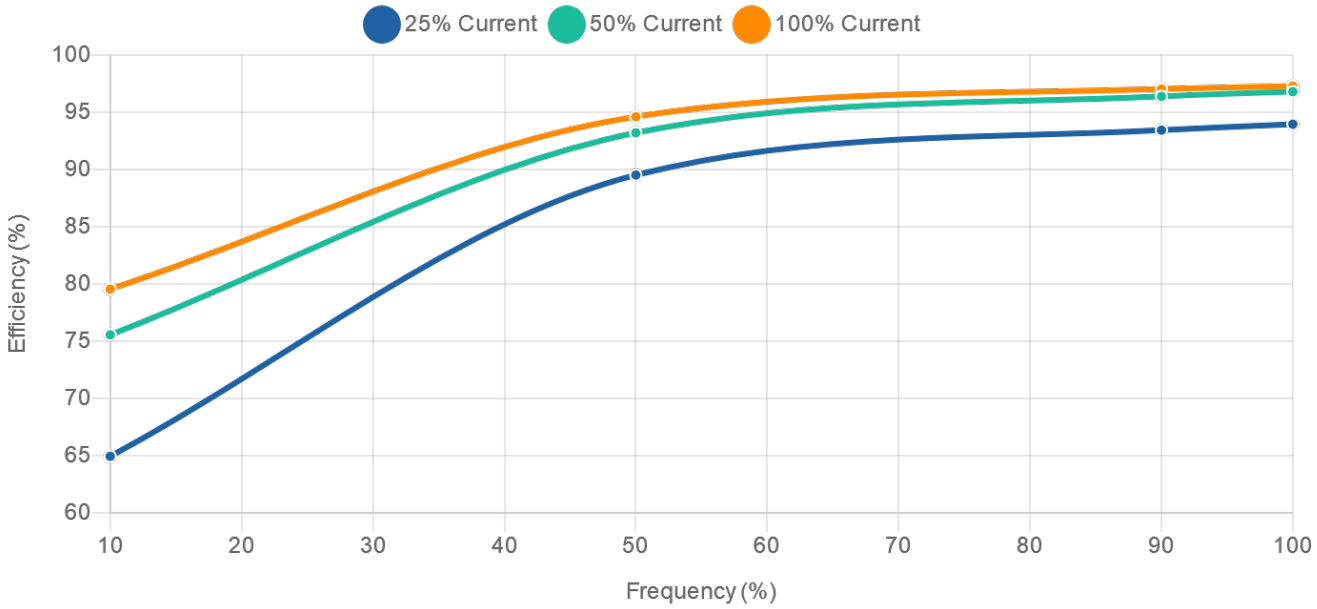
Drive efficiency (CDM)
The complete drive module CDM IE classification is based on drive losses. This includes EMC filters, braking choppers etc. The loss determination is based on factory setting with e.g default switching etc. The classification is taken at 90% frequency and 100% current.



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 %