

Energy Efficiency Certificate

Drive efficiency according to EN 61800-9-2

Drive Data	
Manufacturer	Nastec srl, Via della Tecnica, 8, 36048, Barbarano Mossano, Vicenza, Italy
Series	VASCO - VAriable Speed COntroller
Model	V4185
Apparent output power [kVA]	128,17
Rated motor power [kW]	90
Nominal current [A]	185
Maximum operation temperature [°C]	40
Nominal frequency [Hz]	50
Voltage [VAC]	3x380-460

Point	Frequency [%]	Current [%]	Relative Loss [%]	Absolute Loss [W]	Efficiency [%]
1	0	25	0,52	663,85	81,40
2	0	50	0,71	911,41	85,95
3	0	100	1,31	1682,01	86,76
4	50	25	0,56	716,08	95,30
5	50	50	0,79	1017,03	96,48
6	50	100	1,49	1912,42	97,13
7	90	25	0,60	762,65	97,16
8	90	50	0,87	1119,18	97,81
9	90	100	1,69	2165,71	97,86
10	100	100			98,07

It is certified that the Complete Drive Module belongs to the below efficiency class.
The efficiency is considered at 90% frequency and 100% current with factory settings.

97,86% IE2
efficiency

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