

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	V4215
Apparent output power [kVA]	148,95
Rated motor power [kW]	110
Nominal current [A]	215
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	0,50	750,55	81,82
2	0	50	0,70	1039,71	86,17
3	0	100	1,30	1935,73	86,87
4	50	25	0,54	809,05	95,42
5	50	50	0,78	1156,40	96,55
6	50	100	1,47	2184,57	97,20
7	90	25	0,58	859,42	97,25
8	90	50	0,85	1262,83	97,88
9	90	100	1,63	2434,81	97,93
10	100	100			98,13

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.

97,93% IE2
efficiency

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