

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	V414
Apparent output power [kVA]	9,70
Rated motor power [kW]	5,50
Nominal current [A]	14,00
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	1,36	131,99	61,84
2	0	50	1,58	153,64	72,90
3	0	100	2,24	216,99	79,16
4	50	25	1,39	134,54	88,82
5	50	50	1,64	159,17	92,85
6	50	100	2,38	230,56	95,23
7	90	25	1,41	137,04	93,35
8	90	50	1,70	165,30	95,74
9	90	100	2,56	248,21	96,76
10	100	100			97,08

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.

96,8% IE2
efficiency

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