

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	V406
Apparent output power [kVA]	4,16
Rated motor power [kW]	2,20
Nominal current [A]	6,00
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	2,18	90,81	50,22
2	0	50	2,40	99,61	64,00
3	0	100	2,90	120,37	73,18
4	50	25	2,21	91,91	83,29
5	50	50	2,45	101,76	89,69
6	50	100	2,99	124,46	93,46
7	90	25	2,23	92,83	89,88
8	90	50	2,49	103,65	93,89
9	90	100	3,09	128,30	95,84
10	100	100			96,24

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.

95,8% IE2
efficiency

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