

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	V4268
Apparent output power [kVA]	185,67
Rated motor power [kW]	132
Nominal current [A]	268
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	0,49	906,15	82,29
2	0	50	0,69	1281,37	86,30
3	0	100	1,32	2449,12	86,70
4	50	25	0,53	976,14	95,56
5	50	50	0,76	1418,29	96,60
6	50	100	1,47	2730,63	97,23
7	90	25	0,56	1034,32	97,34
8	90	50	0,83	1535,89	97,93
9	90	100	1,61	2987,31	97,96
10	100	100			98,16

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.

97,96% IE2
efficiency

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