

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	V485
Apparent output power [kVA]	58,88
Rated motor power [kW]	45
Nominal current [A]	85
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	0,48	284,67	82,43
2	0	50	0,66	389,22	86,81
3	0	100	1,22	717,81	87,58
4	50	25	0,53	309,50	95,57
5	50	50	0,75	438,78	96,68
6	50	100	1,40	822,65	97,29
7	90	25	0,56	331,66	97,31
8	90	50	0,83	486,92	97,93
9	90	100	1,60	939,72	97,97
10	100	100			98,17

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.

97,98% IE2
efficiency

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