

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	V4158
Apparent output power [kVA]	109,46
Rated motor power [kW]	75
Nominal current [A]	158
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	0,54	586,14	80,90
2	0	50	0,72	793,23	85,72
3	0	100	1,30	1425,73	86,84
4	50	25	0,58	629,85	95,17
5	50	50	0,80	879,44	96,43
6	50	100	1,47	1605,94	97,18
7	90	25	0,61	666,62	97,10
8	90	50	0,87	955,03	97,82
9	90	100	1,62	1776,02	97,94
10	100	100			98,14

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.

97,95% IE2
efficiency

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