

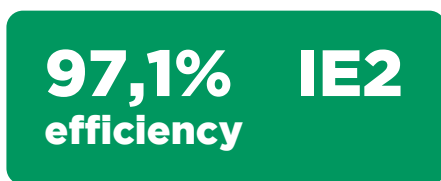
# Energy Efficiency Certificate

## 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	V418
Apparent output power [kVA]	12,47
Rated motor power [kW]	7,50
Nominal current [A]	18,00
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	1,10	137,27	66,70
2	0	50	1,32	164,61	76,34
3	0	100	1,97	246,25	81,15
4	50	25	1,13	141,05	90,70
5	50	50	1,39	172,77	93,89
6	50	100	2,14	266,28	95,76
7	90	25	1,16	144,60	94,48
8	90	50	1,45	181,22	96,35
9	90	100	2,33	289,95	97,05
10	100	100			97,34

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.



The information contained in this document has to be used as a guide for device efficiency but does not represent a guarantee of performance. Nastec reserves the right to modify without notice the technical features contained in this document.