

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	V425
Apparent output power [kVA]	17,32
Rated motor power [kW]	11,00
Nominal current [A]	25,00
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	1,06	183,94	67,49
2	0	50	1,30	224,41	76,68
3	0	100	1,99	344,31	81,05
4	50	25	1,10	190,02	90,95
5	50	50	1,37	237,12	93,96
6	50	100	2,16	373,81	95,73
7	90	25	1,13	195,56	94,62
8	90	50	1,44	249,81	96,37
9	90	100	2,35	407,43	97,02
10	100	100			97,31

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.

97,0% IE2
efficiency

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