

# 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	V430
Apparent output power [kVA]	20,78
Rated motor power [kW]	15
Nominal current [A]	30
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	1,08	224,54	67,11
2	0	50	1,34	278,86	76,04
3	0	100	2,13	442,67	79,96
4	50	25	1,12	231,96	90,80
5	50	50	1,42	295,48	93,74
6	50	100	2,34	485,90	95,42
7	90	25	1,15	239,32	94,51
8	90	50	1,51	314,07	96,20
9	90	100	2,61	541,51	96,70
10	100	100			97,02

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.

**96,7% IE2**  
efficiency

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