

# 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	MIDA
Model	430
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	0,69	144,31	76,05
2	0	50	0,88	182,53	82,90
3	0	100	1,46	303,01	85,35
4	50	25	0,73	151,68	93,79
5	50	50	0,95	197,67	95,72
6	50	100	1,62	337,27	96,81
7	90	25	0,76	158,12	96,30
8	90	50	1,02	211,86	97,41
9	90	100	1,79	372,93	97,70
10	100	100			97,93

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.

**97,70% IE2**  
efficiency

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