

# 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	MIDA 404
Apparent output power [kVA]	2,77
Rated motor power [kW]	1,10
Nominal current [A]	4,00
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	3,33	92,19	39,85
2	0	50	3,61	100,02	54,13
3	0	100	4,26	117,99	64,98
4	50	25	3,35	92,91	76,67
5	50	50	3,66	101,38	85,34
6	50	100	4,34	120,41	90,73
7	90	25	3,37	93,48	85,47
8	90	50	3,70	102,44	91,21
9	90	100	4,41	122,24	94,16
10	100	100			94,71

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.

**94,2% IE2**  
efficiency

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.