

# 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 409
Apparent output power [kVA]	6,24
Rated motor power [kW]	4,00
Nominal current [A]	9,00
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	2,03	126,79	52,01
2	0	50	2,26	140,76	65,36
3	0	100	2,80	174,29	73,86
4	50	25	2,06	128,60	84,24
5	50	50	2,32	144,42	90,19
6	50	100	2,91	181,65	93,68
7	90	25	2,09	130,18	90,48
8	90	50	2,37	147,85	94,18
9	90	100	3,04	189,25	95,91
10	100	100			96,30

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.

**95,9% IE2**  
efficiency

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