

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 406
Apparent output power [kVA]	4,16
Rated motor power [kW]	2,20
Nominal current [A]	6,00
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	2,13	88,56	50,85
2	0	50	2,34	97,36	64,52
3	0	100	2,84	118,13	73,55
4	50	25	2,16	89,66	83,63
5	50	50	2,39	99,54	89,89
6	50	100	2,94	122,29	93,57
7	90	25	2,18	90,60	90,10
8	90	50	2,44	101,47	94,01
9	90	100	3,04	126,30	95,90
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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