

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	444
Apparent output power [kVA]	30,48
Rated motor power [kW]	22
Nominal current [A]	44
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	0,62	188,61	78,08
2	0	50	0,80	242,69	84,25
3	0	100	1,36	413,57	86,23
4	50	25	0,65	199,48	94,39
5	50	50	0,87	265,51	96,07
6	50	100	1,53	467,13	96,98
7	90	25	0,69	209,26	96,65
8	90	50	0,94	287,82	97,59
9	90	100	1,73	526,13	97,79
10	100	100			98,00

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.

97,80% IE2
efficiency

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