

# 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	438
Apparent output power [kVA]	26,32
Rated motor power [kW]	18,5
Nominal current [A]	38
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	0,64	168,32	77,52
2	0	50	0,81	212,75	84,05
3	0	100	1,33	351,24	86,43
4	50	25	0,67	177,47	94,23
5	50	50	0,88	231,69	96,03
6	50	100	1,50	394,63	97,03
7	90	25	0,70	185,55	96,57
8	90	50	0,95	249,67	97,58
9	90	100	1,67	440,62	97,85
10	100	100			98,06

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.

**97,90% IE2**  
efficiency

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