

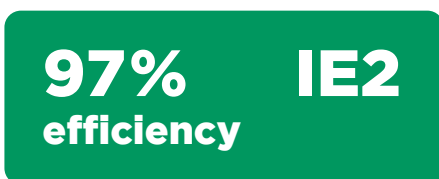
# Energy Efficiency Certificate

## 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	418
Apparent output power [kVA]	12,47
Rated motor power [kW]	7,5
Nominal current [A]	18
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	1,16	145,22	65,43
2	0	50	1,39	173,02	75,43
3	0	100	2,06	257,00	80,48
4	50	25	1,20	149,09	90,21
5	50	50	1,45	180,96	93,62
6	50	100	2,20	274,86	95,63
7	90	25	1,22	152,49	94,19
8	90	50	1,51	188,42	96,20
9	90	100	2,35	293,56	97,01
10	100	100			97,30

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.



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.