

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	425
Apparent output power [kVA]	17,32
Rated motor power [kW]	11
Nominal current [A]	25
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	0,72	124,64	75,39
2	0	50	0,89	154,56	82,68
3	0	100	1,43	247,08	85,62
4	50	25	0,75	130,53	93,60
5	50	50	0,96	166,57	95,68
6	50	100	1,58	273,76	96,86
7	90	25	0,78	135,68	96,20
8	90	50	1,03	177,82	97,39
9	90	100	1,74	301,63	97,77
10	100	100			97,99

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

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.