

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

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.