

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 | 414 |
| Apparent output power [kVA] | 9,69 |
| Rated motor power [kW] | 5,5 |
| Nominal current [A] | 14 |
| 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 | 1,42 | 138,10 | 60,76 |
| 2 | 0 | 50 | 1,65 | 159,75 | 72,11 |
| 3 | 0 | 100 | 2,30 | 223,10 | 78,70 |
| 4 | 50 | 25 | 1,45 | 140,56 | 88,38 |
| 5 | 50 | 50 | 1,70 | 164,94 | 92,60 |
| 6 | 50 | 100 | 2,43 | 235,31 | 95,13 |
| 7 | 90 | 25 | 1,47 | 142,85 | 93,09 |
| 8 | 90 | 50 | 1,76 | 170,30 | 95,62 |
| 9 | 90 | 100 | 2,58 | 249,90 | 96,74 |
| 10 | 100 | 100 | | | 97,05 |

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.

96,70% 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.