

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 | VASCO - VAriable Speed COntroller |
| Model | V414 |
| Apparent output power [kVA] | 9,70 |
| Rated motor power [kW] | 5,50 |
| Nominal current [A] | 14,00 |
| 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 | 1,36 | 131,99 | 61,84 |
| 2 | 0 | 50 | 1,58 | 153,64 | 72,90 |
| 3 | 0 | 100 | 2,24 | 216,99 | 79,16 |
| 4 | 50 | 25 | 1,39 | 134,54 | 88,82 |
| 5 | 50 | 50 | 1,64 | 159,17 | 92,85 |
| 6 | 50 | 100 | 2,38 | 230,56 | 95,23 |
| 7 | 90 | 25 | 1,41 | 137,04 | 93,35 |
| 8 | 90 | 50 | 1,70 | 165,30 | 95,74 |
| 9 | 90 | 100 | 2,56 | 248,21 | 96,76 |
| 10 | 100 | 100 | | | 97,08 |

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.

96,8% 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.