

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 | V4118 |
| Apparent output power [kVA] | 81,75 |
| Rated motor power [kW] | 55 |
| Nominal current [A] | 118 |
| 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 | 0,41 | 332,49 | 84,79 |
| 2 | 0 | 50 | 0,57 | 467,93 | 88,37 |
| 3 | 0 | 100 | 1,08 | 886,82 | 88,79 |
| 4 | 50 | 25 | 0,45 | 370,77 | 96,15 |
| 5 | 50 | 50 | 0,67 | 544,50 | 97,02 |
| 6 | 50 | 100 | 1,28 | 1049,45 | 97,48 |
| 7 | 90 | 25 | 0,50 | 405,01 | 97,63 |
| 8 | 90 | 50 | 0,76 | 619,08 | 98,10 |
| 9 | 90 | 100 | 1,51 | 1231,65 | 98,09 |
| 10 | 100 | 100 | | | 98,27 |

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.

98,08% 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.