

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	V448
Apparent output power [kVA]	33,25
Rated motor power [kW]	22
Nominal current [A]	48
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	0,60	198,05	78,73
2	0	50	0,76	252,28	84,88
3	0	100	1,26	419,68	87,07
4	50	25	0,65	215,20	94,45
5	50	50	0,86	286,21	96,11
6	50	100	1,47	490,49	97,03
7	90	25	0,69	229,68	96,63
8	90	50	0,95	316,16	97,58
9	90	100	1,68	558,32	97,85
10	100	100			98,06

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.

97,9% IE2
efficiency

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