

## # 023 Energy Efficiency Certificate

Ver.1.00

Drive efficiency according to IEC/EN 61800-9-2 (supersedes EN 50598-2)

### Efficiency data for the Drive

Series : S1-04800HFEF  
 Nominal voltage : AC 3PH 400V  
 Nominal power : 220kW  
 Overload : Heavy Duty

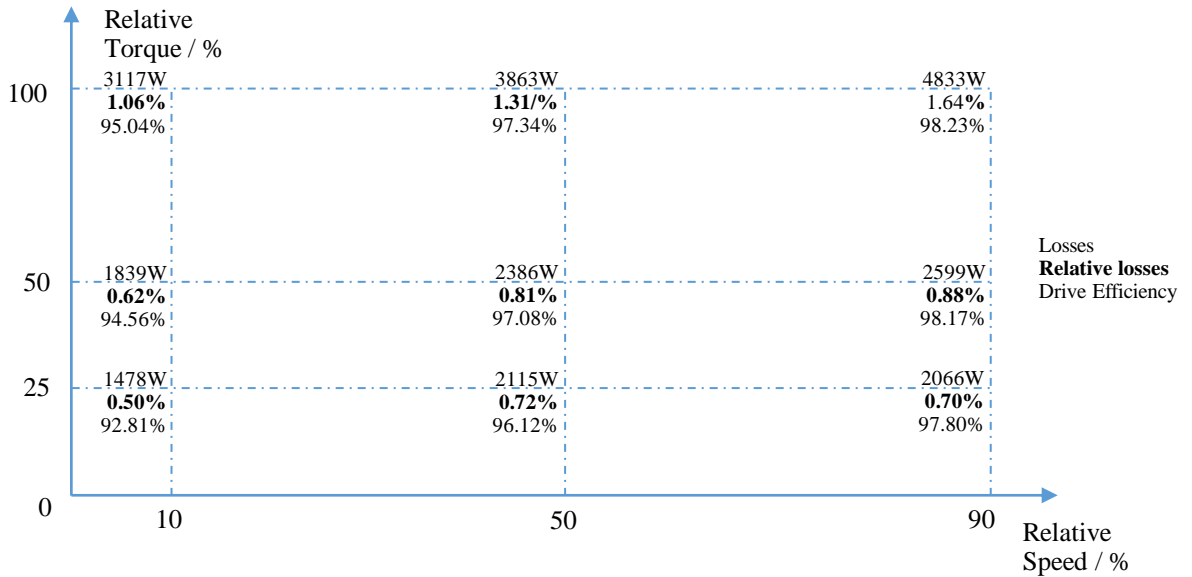
Nominal current : 425A  
 Nominal apparent power : 294.4kVA  
 Nominal frequency : 50Hz  
 Maximum Operating Temperature: 50°C  
 (with derating over 40°C)

Efficiency Level:

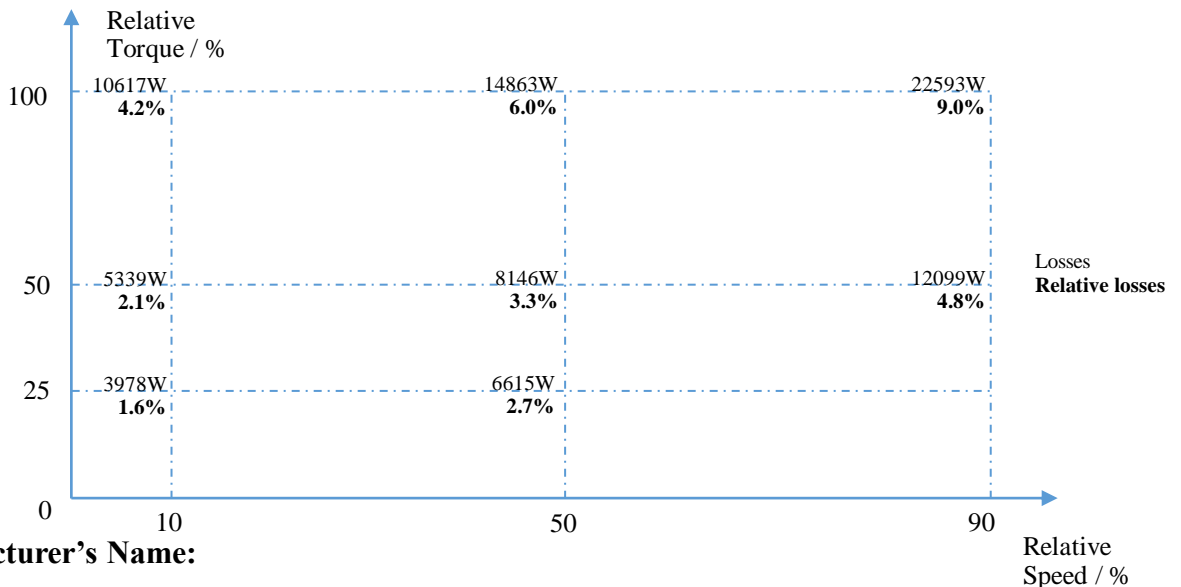


### Efficiency data for the Drive

Standby losses: 80W



### Efficiency data for the Drive + motor (standard IE2 reference motor)



Manufacturer's Name:

Hitachi Europe GmbH  
 Niederkasseler Lohweg 191, 40547 Düsseldorf, Germany