

| Rated data | |
|-------------------------------|------------|
| Input | |
| Supply frequency | 47...63 Hz |
| Supply voltage | 690 V ±10% |
| Rated input current | 447.0 A |
| Max. current | 623 A |
| Pulse number | 6 |
| Energy recovery capability | No (2Q) |
| Output: | |
| Output voltage | 690 V |
| Rated power (LO) in kW | 400 kW |
| Rated power (HO) in kW | 355 kW |
| Rated output current *** | 430.0 A |
| Rated output current (LO) *** | 420 A |
| Rated output current (HO) *** | 348 A |
| Output current Max | 598 A |
| Pulse frequency (nominal) | 2.00 kHz |

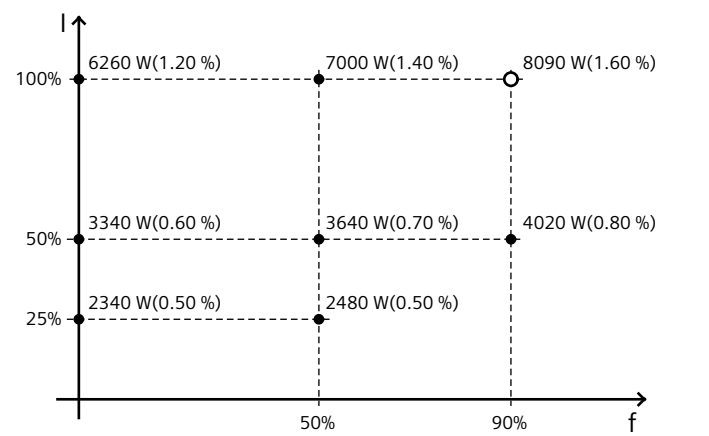
| | |
|--|----------------------------|
| Basic data: | |
| Absolute power loss in stand-by | 289 W |
| Sound pressure level L _{pA} (1 m) | 69 dB |
| Conductor cross section, max. (IEC) | 4 x 240 mm ² |
| Degree of protection | IP20 |
| Installation envelope dimensions (H x W x D) | 2300 mm x 1200 mm x 600 mm |
| Weight approx. | 442 kg |
| Frame size | FSHX |
| Design | C (compact) |
| Color, paint shade | RAL7035 |
| Compliance with standards | CE, RCM, EAC |

| Environmental conditions | |
|--------------------------|---------------|
| Installation altitude | 1000 m |
| Coolant | Air |
| Coolant requirement, air | 0.60 m³/s |
| Ambient temperature | 0 °C - +40 °C |

Converter losses to IEC61800-9-2*

Efficiency classIE2

Comparison with the reference converter (90% / 100%)38.6 %



The percentage values show the losses in relation to the rated apparent power of the converter.

The diagram shows the losses for the points (as per standard IEC61800-9-2) of the relative torque generating current (I) over the relative motor stator frequency(f). The values are valid for the basic version of the converter including line choke without options/components.

Special design