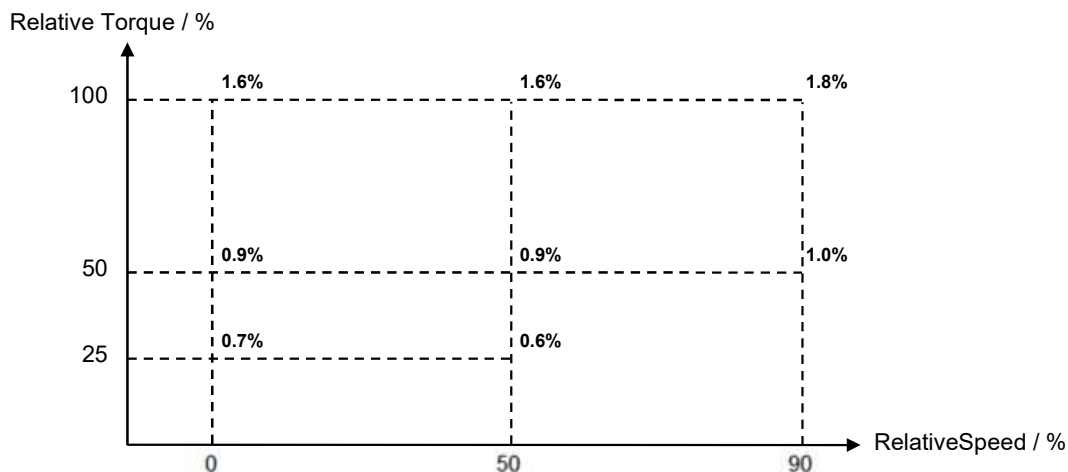


# Ecodesign requirements for variable speed drives

Technical documentation for the purposes of conformity assessment pursuant to Directive 2009/125/EC

## (1) Losses

Power losses :



Standby losses : 116.2 W

## (2) Efficiency level

**IE2**

## (3) Manufacturer's name or trade mark, commercial registration number and address

Toshiba Schneider Inverter Corporation

MAZAK ART PLAZA 13F, 1-19-30, Aoi, Higashi Ward, Nagoya City, Aichi Prefecture,

460-0004, Japan

## (4) Product's model identifier

**VFAS3-4160KPC-A+DCL1-4160K**  
(Motor rated power output P<sub>n</sub> : 160kW)

Series : TOSVERT VF-AS3  
Nominal frequency : 50 Hz  
Over load : 150% - 1min

## (5) Apparent output power

206.7 kVA

## (6) Motor rated power output P<sub>n</sub>

160 kW

## (7) Rated output current

314 A

## (8) Maximum operating temperature

50 °C

## (9) Rated supply frequency

50 Hz

## (10) Rated supply voltage

380 VAC

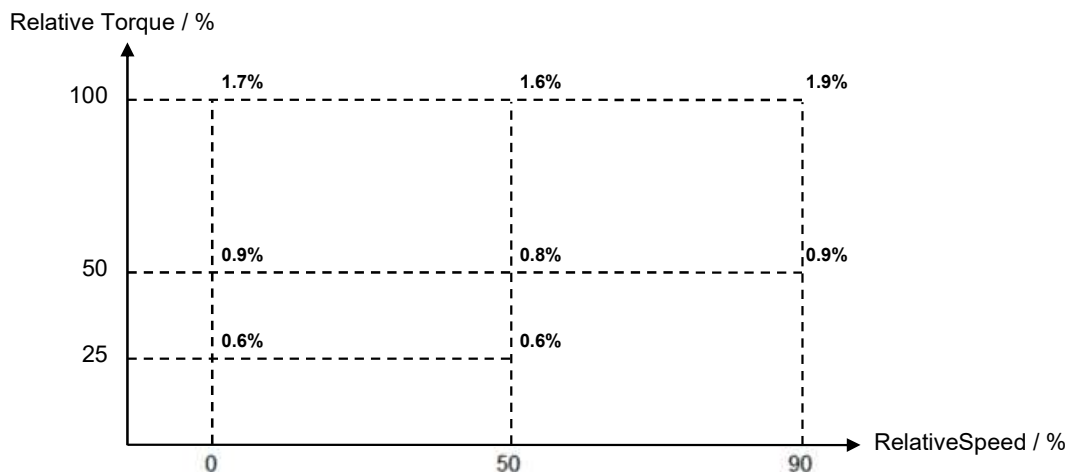
## (11) Exemption

# Ecodesign requirements for variable speed drives

Technical documentation for the purposes of conformity assessment pursuant to Directive 2009/125/EC

## (1) Losses

Power losses :



Standby losses : 116.2 W

## (2) Efficiency level

**IE2**

## (3) Manufacturer's name or trade mark, commercial registration number and address

Toshiba Schneider Inverter Corporation

MAZAK ART PLAZA 13F, 1-19-30, Aoi, Higashi Ward, Nagoya City, Aichi Prefecture,

460-0004, Japan

## (4) Product's model identifier

**VFAS3-4160KPC-A+DCL1-4160K**  
(Motor rated power output P<sub>n</sub> : 220kW)

Series : TOSVERT VF-AS3  
Nominal frequency : 50 Hz  
Over load : 120% - 1min

## (5) Apparent output power

281 kVA

## (6) Motor rated power output P<sub>n</sub>

220 kW

## (7) Rated output current

427 A

## (8) Maximum operating temperature

45 °C

## (9) Rated supply frequency

50 Hz

## (10) Rated supply voltage

380 VAC

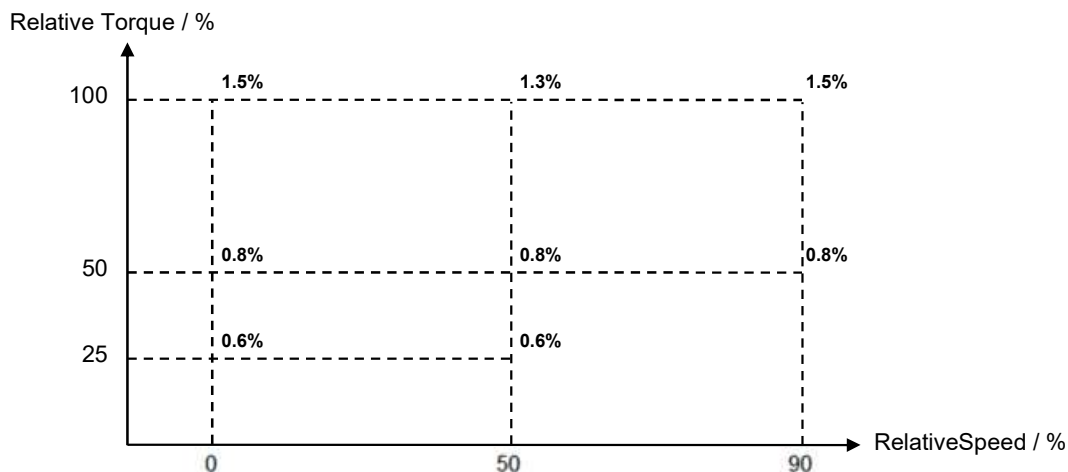
## (11) Exemption

# Ecodesign requirements for variable speed drives

Technical documentation for the purposes of conformity assessment pursuant to Directive 2009/125/EC

## (1) Losses

Power losses :



Standby losses : 116.2 W

## (2) Efficiency level

**IE2**

## (3) Manufacturer's name or trade mark, commercial registration number and address

Toshiba Schneider Inverter Corporation

MAZAK ART PLAZA 13F, 1-19-30, Aoi, Higashi Ward, Nagoya City, Aichi Prefecture,

460-0004, Japan

## (4) Product's model identifier

**VFAS3-4160KPC-A+DCL1-4160K**  
(Motor rated power output P<sub>n</sub> : 160kW)

Series : TOSVERT VF-AS3  
Nominal frequency : 50 Hz  
Over load : 150% - 1min

## (5) Apparent output power

261.1 kVA

## (6) Motor rated power output P<sub>n</sub>

160 kW

## (7) Rated output current

314 A

## (8) Maximum operating temperature

50 °C

## (9) Rated supply frequency

50 Hz

## (10) Rated supply voltage

480 VAC

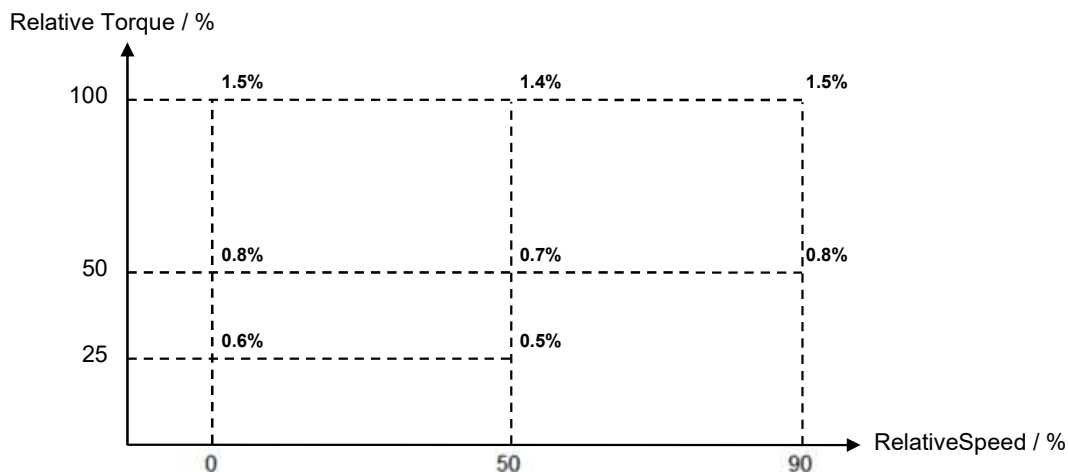
## (11) Exemption

# Ecodesign requirements for variable speed drives

Technical documentation for the purposes of conformity assessment pursuant to Directive 2009/125/EC

## (1) Losses

Power losses :



Standby losses : 124.2 W

## (2) Efficiency level

**IE2**

## (3) Manufacturer's name or trade mark, commercial registration number and address

Toshiba Schneider Inverter Corporation

MAZAK ART PLAZA 13F, 1-19-30, Aoi, Higashi Ward, Nagoya City, Aichi Prefecture,

460-0004, Japan

## (4) Product's model identifier

**VFAS3-4160KPC-A+DCL1-4160K**  
(Motor rated power output P<sub>n</sub> : 220kW)

Series : TOSVERT VF-AS3  
Nominal frequency : 50 Hz  
Over load : 120% - 1min

## (5) Apparent output power

355 kVA

## (6) Motor rated power output P<sub>n</sub>

220 kW

## (7) Rated output current

427 A

## (8) Maximum operating temperature

45 °C

## (9) Rated supply frequency

50 Hz

## (10) Rated supply voltage

480 VAC

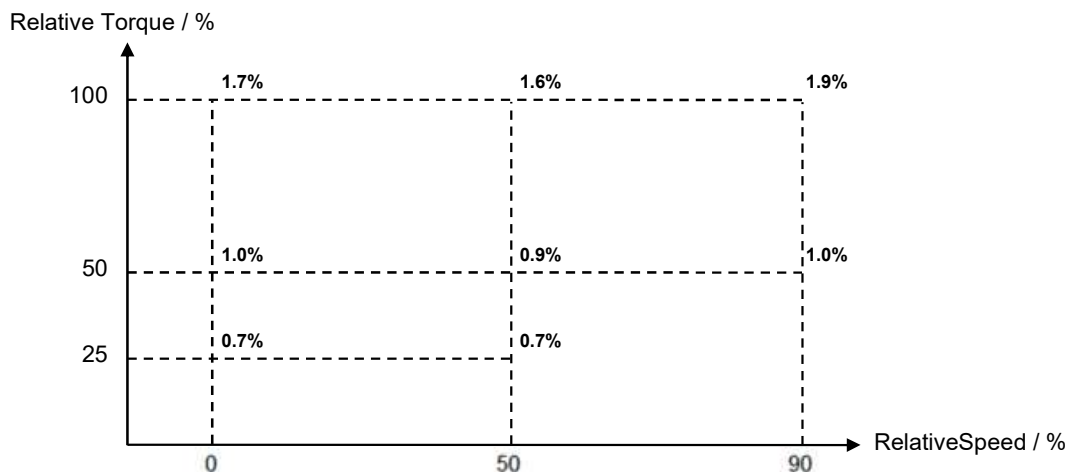
## (11) Exemption

# Ecodesign requirements for variable speed drives

Technical documentation for the purposes of conformity assessment pursuant to Directive 2009/125/EC

## (1) Losses

Power losses :



Standby losses : 116.2 W

## (2) Efficiency level

**IE2**

## (3) Manufacturer's name or trade mark, commercial registration number and address

Toshiba Schneider Inverter Corporation

MAZAK ART PLAZA 13F, 1-19-30, Aoi, Higashi Ward, Nagoya City, Aichi Prefecture,

460-0004, Japan

## (4) Product's model identifier

**VFAS3-4160KPC-A+DCL1-4160K**  
(Motor rated power output P<sub>n</sub> : 132kW)

Series : TOSVERT VF-AS3  
Nominal frequency : 50 Hz  
Over load : 150% - 1min

## (5) Apparent output power

164.5 kVA

## (6) Motor rated power output P<sub>n</sub>

132 kW

## (7) Rated output current

250 A

## (8) Maximum operating temperature

50 °C

## (9) Rated supply frequency

50 Hz

## (10) Rated supply voltage

380 VAC

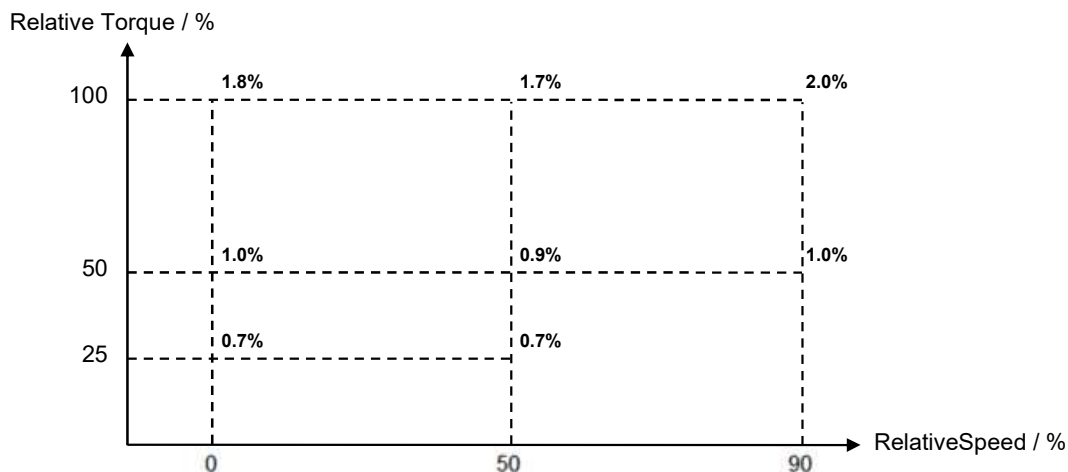
## (11) Exemption

# Ecodesign requirements for variable speed drives

Technical documentation for the purposes of conformity assessment pursuant to Directive 2009/125/EC

## (1) Losses

Power losses :



Standby losses : 116.2 W

## (2) Efficiency level

**IE2**

## (3) Manufacturer's name or trade mark, commercial registration number and address

Toshiba Schneider Inverter Corporation

MAZAK ART PLAZA 13F, 1-19-30, Aoi, Higashi Ward, Nagoya City, Aichi Prefecture,

460-0004, Japan

## (4) Product's model identifier

**VFAS3-4160KPC-A+DCL1-4160K**  
(Motor rated power output P<sub>n</sub> : 160kW)

Series : TOSVERT VF-AS3  
Nominal frequency : 50 Hz  
Over load : 120% - 1min

## (5) Apparent output power

198.8 kVA

## (6) Motor rated power output P<sub>n</sub>

160 kW

## (7) Rated output current

302 A

## (8) Maximum operating temperature

45 °C

## (9) Rated supply frequency

50 Hz

## (10) Rated supply voltage

380 VAC

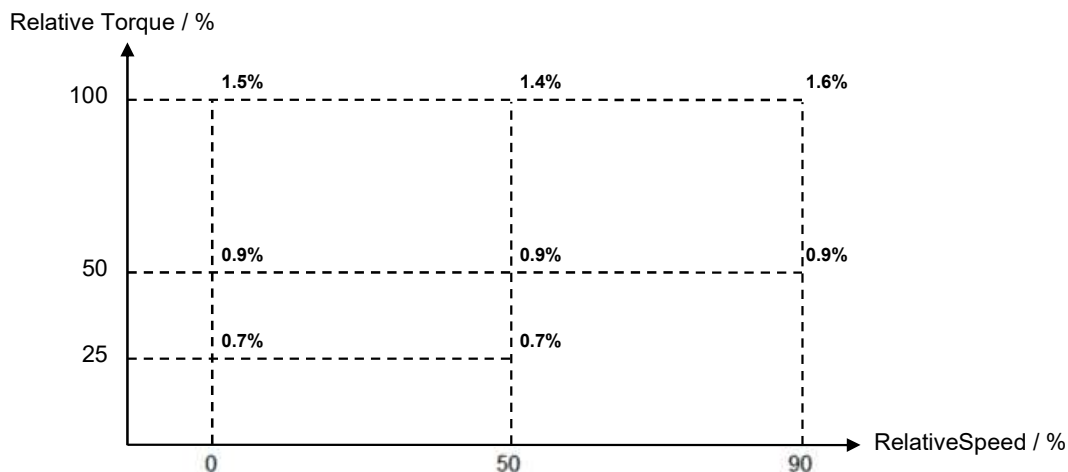
## (11) Exemption

# Ecodesign requirements for variable speed drives

Technical documentation for the purposes of conformity assessment pursuant to Directive 2009/125/EC

## (1) Losses

Power losses :



Standby losses : 116.2 W

## (2) Efficiency level

**IE2**

## (3) Manufacturer's name or trade mark, commercial registration number and address

Toshiba Schneider Inverter Corporation

MAZAK ART PLAZA 13F, 1-19-30, Aoi, Higashi Ward, Nagoya City, Aichi Prefecture,

460-0004, Japan

## (4) Product's model identifier

**VFAS3-4160KPC-A+DCL1-4160K**  
(Motor rated power output P<sub>n</sub> : 132kW)

Series : TOSVERT VF-AS3  
Nominal frequency : 50 Hz  
Over load : 150% - 1min

## (5) Apparent output power

207.8 kVA

## (6) Motor rated power output P<sub>n</sub>

132 kW

## (7) Rated output current

250 A

## (8) Maximum operating temperature

50 °C

## (9) Rated supply frequency

50 Hz

## (10) Rated supply voltage

480 VAC

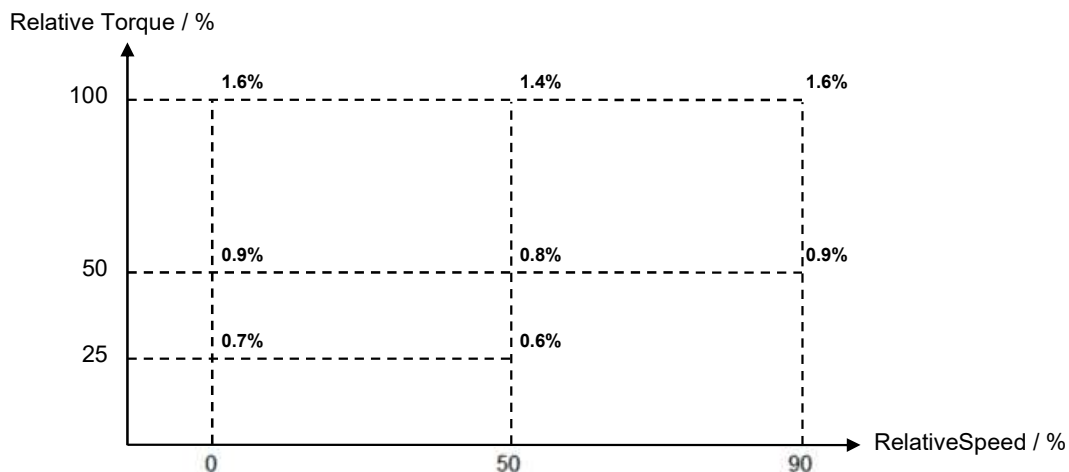
## (11) Exemption

# Ecodesign requirements for variable speed drives

Technical documentation for the purposes of conformity assessment pursuant to Directive 2009/125/EC

## (1) Losses

Power losses :



Standby losses : 124.2 W

## (2) Efficiency level

**IE2**

## (3) Manufacturer's name or trade mark, commercial registration number and address

Toshiba Schneider Inverter Corporation

MAZAK ART PLAZA 13F, 1-19-30, Aoi, Higashi Ward, Nagoya City, Aichi Prefecture,

460-0004, Japan

## (4) Product's model identifier

**VFAS3-4160KPC-A+DCL1-4160K**  
(Motor rated power output P<sub>n</sub> : 160kW)

Series : TOSVERT VF-AS3  
Nominal frequency : 50 Hz  
Over load : 120% - 1min

## (5) Apparent output power

251.1 kVA

## (6) Motor rated power output P<sub>n</sub>

160 kW

## (7) Rated output current

302 A

## (8) Maximum operating temperature

45 °C

## (9) Rated supply frequency

50 Hz

## (10) Rated supply voltage

480 VAC

## (11) Exemption