

## General technical information

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### Conditions for transport, operation and storage

In order to ensure reliable and smooth operation of our products and to achieve a long component service life, the following conditions (according to DIN EN 60204-1:2019-06) must be adhered to:

#### 1. Transport:

-25°C – 55°C (-13°F – 131°F), relative humidity  
min. 20% - max. 80%

#### 2. Operation:

2.1. Power supply: 0.9 – 1.1 of nominal voltage, frequency:  
0.99 – 1.01 of constant nominal frequency, 0.98 – 1.02 transient  
EMC according to Directive 2014/30/EU

2.2. Ambient brightness: min. 500 lux

2.3. Temperature range: 15°C – 40°C, (59°F – 104°F),  
hydraulic oil: min. 15°C (59°F).

2.4. Humidity: max. 50% at a max. temperature of 40°C (104°F)  
(a higher relative humidity is permissible at lower temperatures),  
compressed air supply: (ISO 8573:2010), solids: = class 5.

2.5. Water: = class 4, oil: = class 2

#### 3. Storage:

Disconnect cooling water supply from machine. In frost endangered areas, flush cooling circuits with frost protection.