

Overspeed Governor Enquiry & Order Form

Version 2024-07

Your Ref#: Quantity: Delivery date: Date:
 Enquiry Order

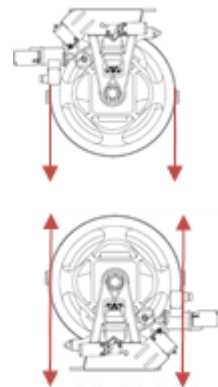
Invoice address:	Delivery address (if different)
Company:	
Street:	
Post.code / City:	

Installation Information

Installation in: Machine room Shaft pit Shaft head upside down

Overspeed Governor Type

- Type 8 / ø200mm (GB8)** $V_a = 0,50 - 2,04 \text{ m/s}$
- Type 7 / ø300mm (GB7)** $V_a = 0,70 - 3,43 \text{ m/s}$
- Type 9 / ø300mm (GB9)** $V_a = 0,50 - 0,70 \text{ m/s}$



- Upright installation
Shaft pit or Machine room

Nominal speed V_n : _____ **m/s**

Tripping speed V_a : _____ **m/s**

The nominal speed V_n is the basis for the tripping speed V_a calculation in accordance with the EN-81-20:2020 5.6.2.2.1.1. A distinction is made between rated speeds up to 1m/s and greater than 1m/s. Please dimension the tripping speed according to the above-mentioned paragraph of the EN81-20 and do not hesitate to contact us for support.

Options Overspeed Governors

- Overspeed governor wheel with **normal** groove (Standard is hardened groove)
- Overspeed governor wheel with hardened groove and additional test groove
- Overspeed governor with toothed and hardened wheel (for use with inductive sensors)

Switchgear Options

Position switches indicate the status of the overspeed governor (tripped, not tripped). They are safety switches in accordance with EN ISO 13849-1 and the NC-contact is serial connected into the passive safety circuit. Latching switches must be selected for control systems without release function after overspeed governor actuation. The choice of contacts (NO, NC) depends on the electrical integration into the lift control system.

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Standard position switches, non-latching

- 1563, 1NC/1NO 1562, 2NC 1571, 2NC/1NO

Standard position switches, latching

Manual or electrical reset, wired into the safety circuit. The lift will not travel up until the switch is reset.

- 1564, 1NC/1NO 2500, 2NC 1475, 2NC/1NO, electrical reset, 230 VAC

Pre-switch off according to EN81-20 at nominal speeds $V_n > 1\text{m/s}$

At nominal speeds greater than 1 m/s, the lift system must be switched off electrically and stopped before the mechanical tripping speed V_a is reached. They are therefore latching and can be reset electrically and mechanically.

- 2230, 1NC, Solenoid Voltage 230VAC 2240, 2NC/1NO, Solenoid Voltage 230VAC
 2240, 2NC/1NO, Solenoid Voltage 24VAC/DC

Additional options & accessories

Tripping direction

One or two additional position switches with or without latching feature can be installed to detect the travel direction during the overspeed governor actuation.

- 1563, 1NC/1NO, non-latching 1564, 1NC/1NO, latching

UCMP (Unintended car movement protection)

The UCMP-solenoid is energised during lift travel and non-energised during standstill. When the car moves unintentionally, the UCMP-solenoid blocks the overspeed governor and engages the safety gear. The delivery includes the UCMP-solenoid, the position switch and the mounting bracket.

Solenoid voltage: 12 VDC 24VDC 230VAC

Remote release

The remote release is a solenoid that can be actuated during lift travel. It will mechanically block the overspeed governor and as a result of this the safety gear will be actuated. It is used purely for test purposes and must therefore be secured against misuse.

Solenoid voltage: 12 VDC 24VDC 110VAC 230VAC

Covers

- According to EN81 (partial coverage) Entirely covered (acc. to OSHA requirements)

Adapter plate

- Allowing to use existing bolts with distances from 134mm to 185mm.

Option incremental encoder mounting kit

- Toothed belt pulley 1:2, 10mm
114 XL-Toothed belt Toothed belt pulley 1:4, 6mm
110 XL-Toothed belt

Steel rope, 6,5mm, according to DIN EN 12385-5

- Steel rope 6,5 x19-S FC. MBK: 27,3kn Meter: _____ (in 5-metre increments)
 Rope lock, Set with 2 pieces
 Rope clamps, Set with 4 pieces

Date: _____

Name: _____

Tel./Email: _____