



Conveyance Device Approval

To: Senior and Associate Safety Engineers
DOSH – Elevator Unit

Date: February 22, 2023

WITTUR AUSTRIA GmbH
Sowitshstrasse 1
3270-Scheibbs
AUSTRIA

From: Division of Occupational Safety and Health
Elevator Unit - HQS

Subject: **Approval No. 4800A2**

The Division of Occupational Safety and Health of the Department of Industrial Relations has examined and approved

Device Type / Model: B Safeties - CSGB-01, CSGB-02, and CSGB-03

Manufactured by: WITTUR AUSTRIA GmbH
Sowitshstrasse 1
3270-Scheibbs
AUSTRIA

The approval is subject to the following restrictions:

1. To be installed on elevator cars or counterweights according to maximum rated speeds listed within the table below.
2. To be used with an approved governor and adjusted so that the releasing carrier force does not exceed 60% of the governor pull through force.
3. To be used with rail lubricants or dry rails in accordance with the table in section 6 of this document.
4. A metal plate as required by 2.16.3.2 shall be securely attached to the car crosshead in an easily visible location, and, where lubricants are to be used, shall carry the notation, "CONSULT MANUFACTURER OF THE SAFETY FOR THE CHARACTERISTICS OF THE RAIL LUBRICANT TO BE USED." If lubricants are not to be used, the plate shall so state. If lubricants other than those recommended by the manufacturer are used, a safety test shall be made to demonstrate that the safety will function as required by 2.17.3.

5. A metal plate shall be securely attached to each safety so as to be readily visible, and shall be marked in a legible and permanent manner with letters and figures not less than 6 mm (0.25 in.) in height indicating:
- (a) the type of safety.
 - (b) the maximum tripping speed in m/s (ft/min) for which the safety is permitted.
 - (c) the maximum weight in kg (lb), which the safety is designed and installed to stop and sustain.
 - (d) the force in N (lb/ft) required to activate the safety or rope releasing carrier, if provided.
 - (e) the manufacturer's name or trademark.
 - (f) the manufacturer's model number.
6. The maximum tripping speed, maximum gross load, and size of the guide rail shall be in accordance with the following:

Type	Max. Tripping Speed	Min. Gross Load	Max. Gross Load	Guide Rail Condition	Guide Rail Size
	m/s (ft/min)		kg (lb)		kg (lb)
CSGB-01	1.70 (337)	575 (1,268)	3,500 (7,716)	Lubricated	T82/B (5.75) T70/B (6.25) T89/B (8) T114/B T125/B (11) T127-1/B (12) T127-2/B (15)
	2.63 (518)		2,700 (5,952)	Lubricated or Dry	
CSGB-02	3.55 (700)	1,130 (2,491)	3,500 (7,716)		
	4.14 (814)		2,800 (6,173)		
CSGB-03	3.83 (755)	2.650 (5842)	5,500 (12,125)	Lubricated	T70/B (6.25) T89/B (8) T114/B T125/B (11) T127-1/B (12) T127-2/B (15) T140-1 (18.5)
	4.78 (941)			Dry	

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7. All adjustments to be sealed.
8. Subject to the required tests on each installation.

The above devices were approved on May 7, 2019, for use in places of employment in the State of California, with the understanding that any unapproved alterations automatically void this approval. The Division may revoke any approval at any time for cause.

NOTES:

- a. Added CSGB-03 Safety (December 2020)
- b. Updated max gross load of CSGB-02 (December 2020)
- c. Added reduced tripping speed at increased load for CSGB-01 on oiled guide rails (February 2023)
- d. Added increased tripping speed at reduced load for CSGB-02 on dry guide rails (February 2023)
- e. Add photo of data tag for CSGB-03 at lower trip speed (February 2023)
- f. Added restriction No. 4 regarding crosshead lubricant plate (February 2023)



Dan Barker
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DOSH – Elevator Unit

cc:

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<p>SAFETY GEAR MODEL CSGB-01</p> <p>TYPE B</p> <p>MAX. LOAD Fmax 2700 KG 5952 LB</p> <p>TRIP. SPEED Vmax 2.63 M/S 518 FT/M</p> <p>ACTIV. FORCE 250 N 56 LBF</p> <p>MANUF.: WITTUR GMBH 604217H01</p>	<p>SAFETY GEAR MODEL CSGB-01</p> <p>TYPE B</p> <p>MAX. LOAD Fmax 3500 KG 7716 LB</p> <p>TRIP. SPEED Vmax 1.70 M/S 337 FT/M</p> <p>ACTIV. FORCE 250 N 56 LBF</p> <p>MANUF.: WITTUR GMBH 604217H01</p>
<p>SAFETY GEAR MODEL CSGB-02</p> <p>TYPE B</p> <p>MAX. LOAD Fmax 3500 KG 7716 LB</p> <p>TRIP. SPEED Vmax 3.55 M/S 700 FT/M</p> <p>ACTIV. FORCE 250 N 56 LBF</p> <p>MANUF.: WITTUR GMBH 604217H01</p>	<p>SAFETY GEAR MODEL CSGB-02</p> <p>TYPE B</p> <p>MAX. LOAD Fmax 2800 KG 6173 LB</p> <p>TRIP. SPEED Vmax 4.14 M/S 814 FT/M</p> <p>ACTIV. FORCE 250 N 56 LBF</p> <p>MANUF.: WITTUR GMBH 604217H01</p>
<p>SAFETY GEAR MODEL CSGB-03</p> <p>TYPE B</p> <p>MAX. LOAD Fmax 5500 KG 12125 LB</p> <p>TRIP. SPEED Vmax 4.78 M/S 941 FT/M</p> <p>ACTIV. FORCE 250 N 56 LBF</p> <p>MANUF.: WITTUR GMBH 604217H01</p>	<p>SAFETY GEAR MODEL CSGB-03</p> <p>TYPE B</p> <p>MAX. LOAD Fmax 5500 KG 12125 LB</p> <p>TRIP. SPEED Vmax 3.83 M/S 755 FT/M</p> <p>ACTIV. FORCE 250 N 56 LBF</p> <p>MANUF.: WITTUR GMBH 604217H01</p>