



EC Type Examination

No. BSI-LP-551220

Issued to:

Otis Elevator Management (Shanghai) Company
4th Floor, Building #5,
3000 Longdong Avenue
Pudong
Shanghai
China 201203

In respect of:

Progressive Safety Gear model HN6000C (Otis P/N DAA24120B)

on the basis of our examination under the requirements of Council Directive 95/16/EC, Annex V:A, The Lift Directive.
As recorded in BSI Report No. 289/7380662 dated 12 August 2009 and 289/7506348 dated 17 June 2010.

Any modification to the design of this product will invalidate the EC Certificate and the Notified Body, number 0086, must be informed without delay.

For and on behalf of the British Standards Institution, a Notified Body for the above Directive (Notified Body Number 0086):

David W. Ford, Executive Director, Healthcare & Testing

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Scope of Certificate for the HN6000C (Otis P/N DAA24120B) Progressive Safety Gear:

1. With guide rail type: ISO 7465:2001:T75-3/B, T89/B, T90/B, T114/B, T127-1/B or T127/B and ISO7465:2007: T75/B, T89/B, T90/B T114/B, T127-1/B or T127/B.
2. Guide thickness: ISO 7465:2001: 10mm, 16mm, 16mm, 16mm, 16mm or 16mm and ISO 7465:2007: 10mm, 16mm, 16mm, 16mm, 16mm or 16mm respectively.
3. With guide rails with a machined surface in accordance with ISO 7465.
4. Other rail designations and sizes other than mentioned above such as 15.88mm can be used and installed in accordance with the manufacturer's instructions.
5. With minimum gripping element area width of 25mm with hardness value on the working surface of HRC ≥ 70 or HV ≥ 990 .
6. For guide rails that are non-lubricated and when lubricated with ISO Viscosity Grade (VG) 32 or equivalent.
7. Dry Rails- With an overspeed governor with a rated speed from 1.0m/s (60.0m/min) up to 2.5m/s (150m/min) for use with Car and Counterweight. With a maximum tripping speed from 3.225 m/s (193.50 m/min) for Car and 3.548 m/s (212.85 m/min) for Counterweight.
8. Lubricated Rails- With an overspeed governor with a rated speed from 0.25m/s (15.0m/min) up to 2.5m/s (150m/min) for use with Car and Counterweight. With a maximum tripping speed from 3.225 m/s (193.50 m/min) for Car and 3.548 m/s (212.85 m/min) for Counterweight.
9. At a total permissible mass (P+Q)₁ as detailed below:

Spring Designation	Actual Spring Force Range (N)	Configuration	Total Permissible Mass Range (P+Q) ₁ (kg)	Lubricated of Rails
MAAJA90214 (16mm)	From 25957 up to 55000	Car & Counterweight	From 2926 up to 6262	Non-lubricated
MAAJA904AB (14mm)	From 13634 up to 24155	Car & Counterweight	From 1896 up to 3436	Lubricated
MAAJA90214 (16mm)	From 23157 up to 47407	Car & Counterweight	From 3010 up to 6514	Lubricated

8. Manufacturer name and address:
Hangzhou Huning Elevator Accessories Co., Ltd.
Shuita Village, Zhongtai Town, Yuhang District, Hangzhou, China.

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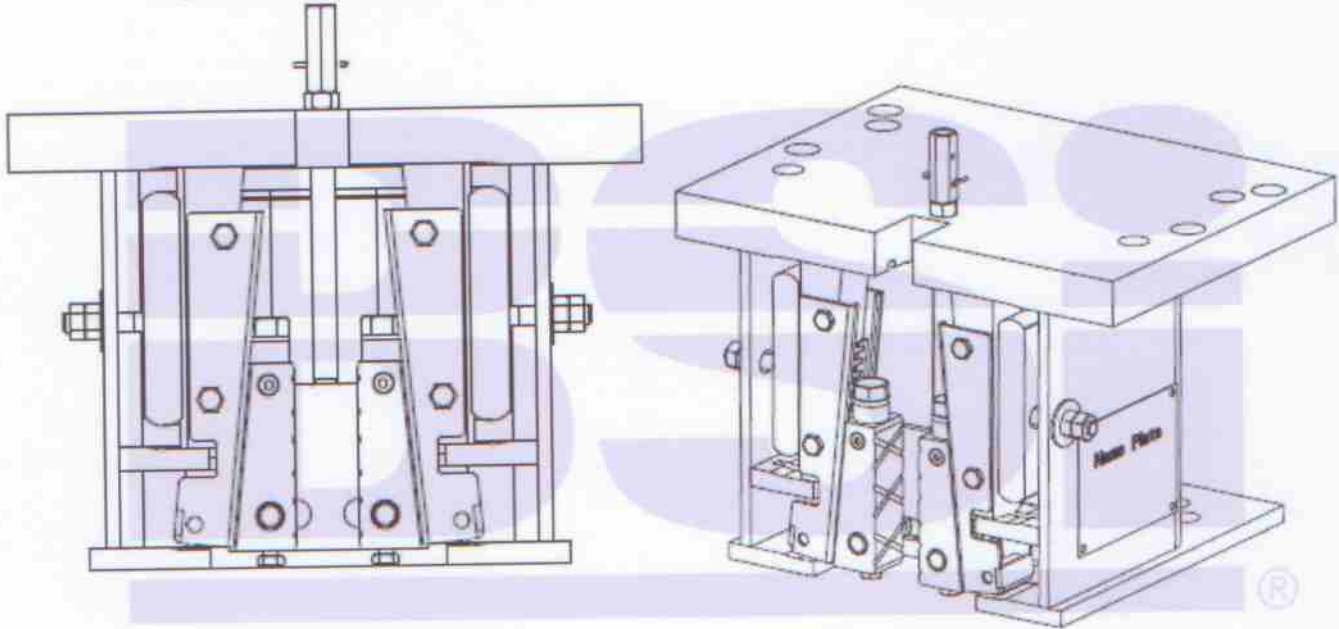
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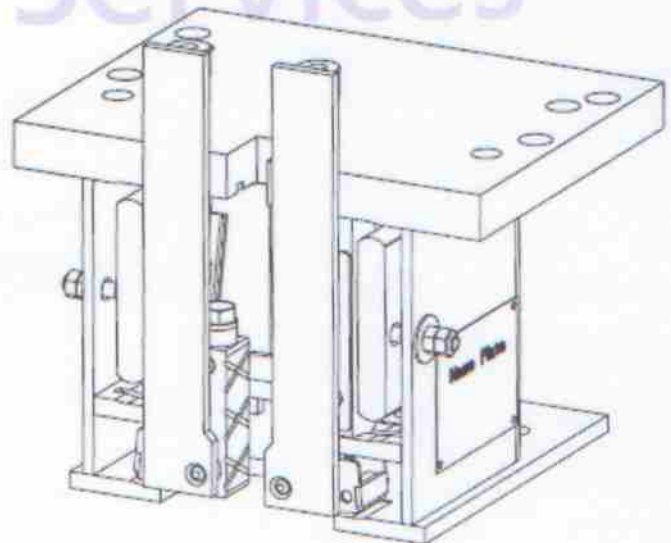
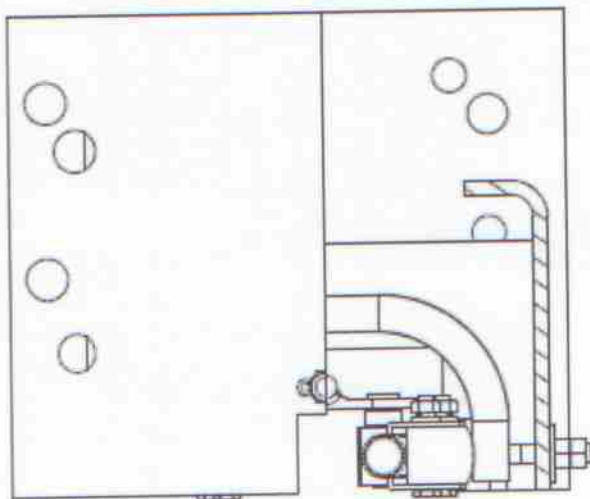
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Single lever activation



Dual lever activation

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