

## Prüfbuch für Elektrokettenzug

### Inspection book for electric chain hoist

Fabriknummer:  
Serial number:

N12326

Typ:  
Type:

SK070 / 76U 1000 / 1 - 4

- Technische Daten / Technical data
- Konformitätserklärung / Declaration of Conformity
- Einbauerklärung / Declaration of Incorporation
- Schaltplan / Wiring diagram

- Translation of the original declaration of incorporation -  
**Declaration of incorporation**

of partly completed machinery according to the EC machinery directive 2006/42/EC app. II 18

The manufacturer: **CHAINMASTER GmbH, Uferstraße 23, 04838 Eilenburg, Deutschland**

of the following partly completed machinery:

**CHAINMASTER – electric chain hoist** Type: **SK070 / 76U 1000 / 1 - 4**

Factory number: **N12326**

according to the description in the technical sheet of the inspect and test log book, declares that:

The following essential health and safety requirements of annex I of the directive 2006/42/EC are fulfilled:  
 1.1.1, 1.1.2, 1.1.3, 1.1.5, 1.1.6, 1.2.1, 1.2.2, 1.2.3, 1.2.4, 1.2.4.1, 1.2.4.2, 1.2.4.3, 1.2.6, 1.3.2, 1.3.3, 1.3.4, 1.3.7, 1.3.9, 1.5.1, 1.5.4, 1.5.6,  
 1.5.8, 1.5.11, 1.6.1, 1.6.3, 1.6.4, 1.7.1, 1.7.2, 1.7.3, 1.7.4, 1.7.4.1, 1.7.4.2, 1.7.4.3, 4.1.1, 4.1.2, 4.1.2.3, 4.1.2.4, 4.1.2.6, 4.1.3, 4.2.1, 4.2.2,  
 4.3.3, 4.4.2

The relevant technical documentation is compiled in accordance with part B of annex VII.

The electrical chain hoists in conformity with following EC directives:  
 - EMC directive 2014/30/EU.

The safety objectives set out in Directive 2014/35/EU are fulfilled, according to annex I, No. 1.5.1, of the machinery directive 2006/42/EC.

Especially the following harmonized standards are applied:

- DIN EN ISO 12100:2010 Safety of machinery - General principles for design - Risk assessment and risk reduction
- DIN EN 14492-2:2006+ Cranes – Power driven winches and hoists - Part 2: Power driven hoists
- A1:2009
- DIN EN 818-7:2002+A1:2008 Short link chain for lifting purposes - Safety - Part 7: Fine tolerance hoist chain, Grade T
- DIN EN ISO 13849-1:2016-08 Safety of machinery – Safety-related parts of control systems — Part 1: General principles for design
- DIN EN 60204-32:2008 Safety of machinery - Electrical equipment of machines - Part 32: Requirements for hoisting machines

Especially the following national standards and technical specifications are applied:  
 - FEM 9.511:1986 Rules for the design of series lifting equipment; Classification of mechanisms  
 - FEM 9.751:1998 Power driven series hoist mechanisms, Safety  
 - SQ P2:2018 Chain hoists, section 4.1 Constitutional requirements

In response to a reasoned request by the national authorities, we undertake to transmit the relevant technical documentation in paper form.

The company CHAINMASTER GmbH, Uferstraße 23, 04838 Eilenburg, Germany is authorised to compile the relevant technical documentation.

An sample of this type of chain hoist has been tested by:  
 TÜV Rheinland Industrie Service GmbH, Burger Chaussee 9, 03044 Cottbus.  
 For this type of electric chain hoist the inspection mark for certified safety was issued.

Test certificate number: **NO F3/14-124406037**

The delivered unit is produced in accordance with the certified sample.

CHAINMASTER GmbH Eilenburg, 10.05.2023

*T. Birke*  
 T. Birke  
 Managing Director

**2. Attest für attestpflichtige Bauteile am Elektrokettenzug / Certificate for components of the electric chain hoist which require a confirmation of quality**

**2.1. Kettenattest / Chain certificate**

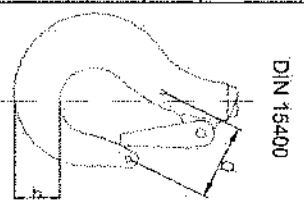
Lastkette nach Load chain according to	EN 818-7, DAT
Abmessungen Dimensions (mm) x (mm):	P 7.4 x 21.1
Guteklasse Quality class	8
Kettenspannweite Identification letter	11032
Tragfähigkeit (kg) / FEM - Gruppe Capacity (kg) / FEM group	500 / 2m 1000 / 1Bm
Prüfkraft Test force	49.0 (kN)
Mindestbruchkraft Min. breaking force	78.5 (kN)
Min. Oberflächenhärte Min. surface hardness	500 HV10

**2.2. Kettenzugprüfung / Inspection of chain hoist**

Prüfung nach Inspection according to	DIN VDE 0701-0702
UVV/VE geprüft UVV/VE checked	Nein/No
Prüfdatum Date of inspection	

**2.3. Hakenattest / Hook certificate**

Hakenarten Hook types	Lasthaken Single fall load hook	Hakenflasche Double fall load hook	Hakenaufhängung Hook suspension
Bezeichnung des Lasthakens Specification of the load hook	RSN 05-V		RSN 05-V
Kennbuchstabe Identification letter	01230004		002230138
Werkstoff Festigkeitsklasse Material stress group	V		V
Streckgrenze min. Yield strength min.	620 (N/mm <sup>2</sup> )		620
Kerbschlagarbeit min. (-20°C) (DVM gealtert) (1) Notched bar impact strength min. (-20°C) (J) (DVM-älge-hardened) (1)	27		27
Wärmebehandlung Heat treatment	vergütet hardened and tempered		vergütet hardened and tempered
Prüfergebnis Test result	Werte eingehalten Values acc. to spec.		Werte eingehalten Values acc. to spec.
Körnerabstand (Fichtwert) Centre punch spacing (2) Dimension a (mm): (Approximate value)	ca. 62		ca. 62
Prüfmaß (Nennwert) Test dimension (Nominal value)	Maß h (mm): 31 + 3.0		Maß h (mm): 31 + 3.0
Körnerabstand (Istwert) Centre punch spacing (3) Dimension a (mm): (Actual value)			
Prüfmaß (Istwert) Test dimension (Actual value)	Maß h (mm): 31 + 3.0		



- (1) Deutscher Verband für Materialforschung und -prüfung e.V. / DVM is a German association for material research and testing
- (2) Nur Richtwert, tatsächliches Maß kann abweichen / Indicative value only, actual measurement can differ.
- (3) Werte bei Erstinspektion eintragen / To be filled out during initial inspection

**2.4. Sonderlastaufnahmemittel / Special load devices**

Bezeichnung / Description	Zeugnis / Certificate

Eilenburg, 10.05.2023

*T. Birke*  
 Unterschrift Werksprüfung  
 Signature of acceptance test







