

# User Manual

**KN-AO**

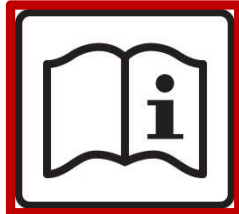
**Eyecatcher BV**

Teddingtonweg 28 G, 2421 LL Nieuwkoop, The Netherlands

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I : [www.eyecatchersafety.com](http://www.eyecatchersafety.com)



**NL** : De aanwijzingen in de montagehandleiding en de veiligheidsvoorschriften moeten strikt worden nageleefd.

**EN** : The information contained in the assembly and safety instructions must be strictly observed.

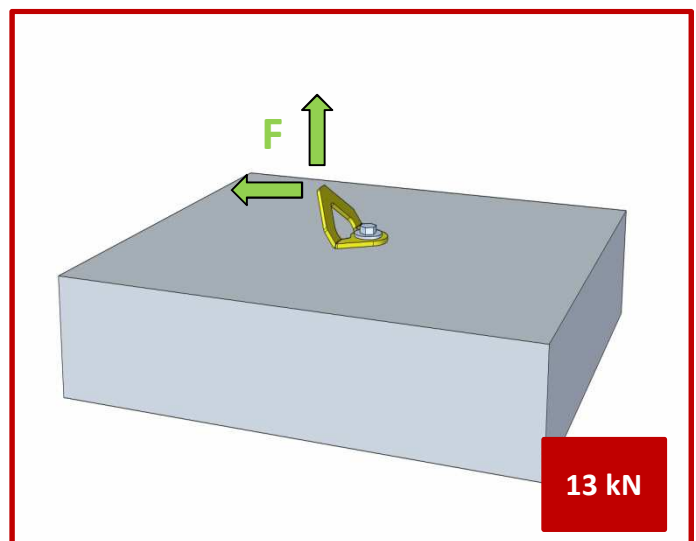
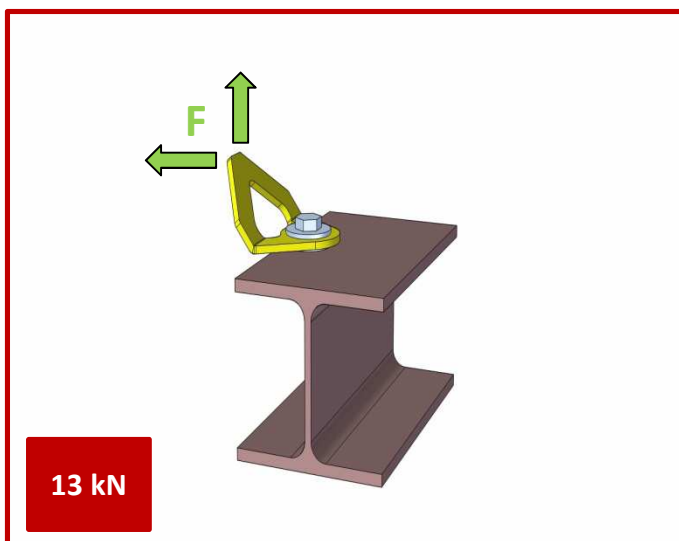
**DE** : Die Anweisungen der Montageanleitung und Sicherheitshinweise sind strikt einzuhalten.

**IT** : È assolutamente necessario attenersi alle istruzioni di montaggio e alle norme di sicurezza.

**FR** : Les instructions de la notice de montage et les consignes de sécurité doivent être formellement respectées.

**NO** : Det er svært viktig at instruksjonene i monteringshandboken og sikkerhetsheftet følges.

**FI** : Asennusohjeen ja turvaohjevikhosen ohjeita on ehdottomasti noudatettava.







## USER INSTRUCTIONS

**Type:** Anchor Eye KN-AO

**Sample number:** KN-AO [number 0-999][year]

**Manufacturer:** Eyecatcher BV, Teddingtonweg 28G, 2421 LL Nieuwkoop, The Netherlands

**Telephone:** +31(0)172 - 575570

**Fax:** +31(0)172 - 573394

**European & American Standards:** EN-795:2012 type A, NPR-CEN/TS 16415:2013

**Certification by:** DEKRA EXAM GmbH, Dinnendahlstrasse 9, 44809 Bochum, Germany

**Material KN-AO anchor eye :** Stainless Steel A2 / AISI 1.4301

**PPE:** line (EN 355/-353-2), coupling (EN 362) and a full body harness (EN 361)

**Persons:** Two per KN-AO

**Temperature range:** -50°C to +250°C

## DESCRIPTION

The KN-AO is a stationary anchor point to be used in concrete and steel elements with risk of falling nearby. For instance window cleaning from inside can be executed safely by using the KN-AO.

## CAREFULLY READ THESE INSTRUCTIONS BEFORE USING THIS PRODUCT

This product is designed to minimise the risk of/provide protection against falls from a height. However, always remember that no item of PPE can provide full protection and care must always be taken while carrying out the risk-relation activity. The KN-AO shall only be used by a person trained and competent in its safe use. A rescue plan must be in place to deal with any emergencies that could arise during the work. If the KN-AO is re-sold outside the original country of destination the reseller shall provide instructions for use, for maintenance, for periodic examination and for repair in the language of the country in which the product is to be used.

### The KN-AO is not to be used when:

- State of mind and judgement is affected by alcohol, drugs or Medication;
- Suffer from epilepsy;
- Suffer from Psychiatric illness;
- the anchor is bent or damaged in any way.

### If you suffer from any of the following conditions :

- Heart disease;
- High blood pressure;
- Vertigo;
- Difficulty with balance;

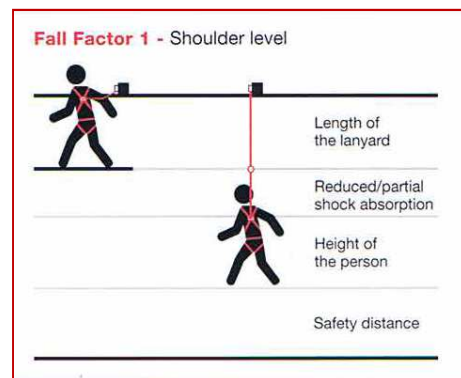
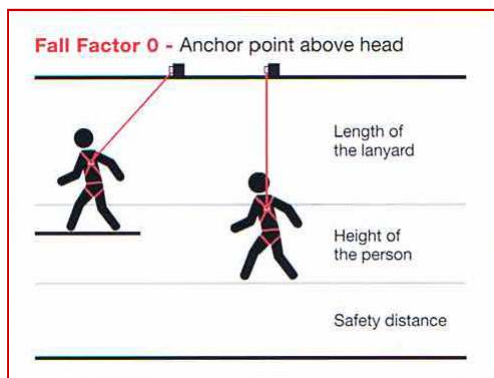
please consult medical advice before using the KN-AO.

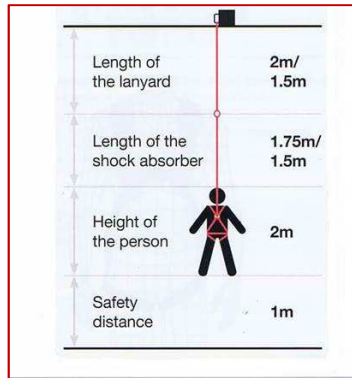
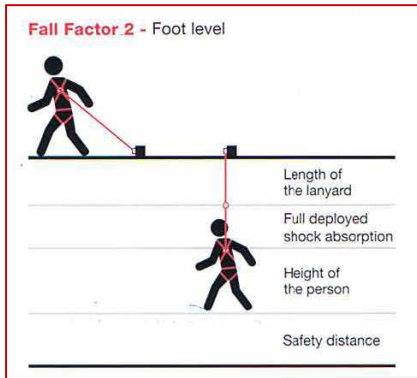


**PERFORMANCE AND LIMITATIONS OF USE** – This product has been tested in accordance with EN-795 type A and NPR-CEN/TS 16415:2013. Never use the product to abseil along the façade or as part of a hoist system to transport objects along the façade. Never use the product with more than two persons attached to it, and make sure the object or structure it is attached to is suitable according to the EN-795 (13 kN). This has to be determined by an engineer. The equipment shall not be used outside its limitations, or for any purpose other than that for which it is intended, being a mobile anchor point for concrete or steel structures and in combination with the mentioned PPE's.

**FITTING AND SIZING** – When connecting the KN-AO, always make sure to be at least two metres away from the opening with risk of falling from height. If this is not possible, additional measures must be taken. Only wear PPE products of a suitable size. Products which are either too loose or too tight will restrict movement and will not provide the optimum level of protection. The fall line is to be attached to the ring of the KN-AO anchor and to the ring on the backside of the full body harness. The KN-AO should always be located and the work carried out in such a way, as to minimise both the potential for falls. Hereby the length of the fall line in relation to the distance to the opening in the wall has to be taken into account. It is essential that the required distance beneath the user at the workplace before each occasion of use is verified, so that, in case of a fall, there will be no collision with the ground or other obstacle in the fall path. Furthermore the presence of sharp objects has to be assessed that could damage the fall line during a fall.

**CALCULATING THE RISK** – There are three factors in fall arrest that relate to the position of the anchorage point. They are used to determine the potential fall distance of a worker and so ensure that there is no risk of contact with the lower level in the event of a fall.





**Calculating your fall arrest and safe working height**

Calculations using a fall arrest lanyard fixed at foot level

	2m Lanyard	1.5m Lanyard
Lanyard Length	2m	1.5m
Energy Absorber	1.75m	1.5m
Body Height	2m	2m
Safety Distance	1m	1m
<b>Minimum Clearance</b>	<b>6.75m</b>	<b>6m</b>

When possible, the KN-AO should always be installed and used at shoulder level or above (Factor 1 or 0). A higher anchorage point will reduce the fall distance and therefore significantly reduce the risk of injury on the body due to the impact forces of a fall.

**COMPATIBILITY** – To optimise protection, it is necessary to use the EYE-AP with a suitable full body harness (EN-361), connector (EN-362), lanyard with energy absorber (EN-355/-354) or retractable type fall arrester (EN-353-2). In this case, before carrying out the risk-related activity, consult your supplier to ensure that all your protective products are compatible and suitable for your application.

**INSPECTION** – Before using the KN-AO the user has to perform a pre-use check, see table 1.

Equipment	Description	Controle	Frequency
<b>Full Body Harness</b>	Damages	V	D
	Reliability	V / E	D
	Inspection	V	D / A
<b>Fall line</b>	Damages	V	D
	Reliability	V / E	D
	Inspection	V	D / A
<b>Bolt / Thread</b>	Reliability	V / E	D / A
<b>KN-AO Anchor Eye</b>	Damages	V	D
	Reliability	V / E	D
<b>Surface</b>	Damages	V	D
<b>Markings</b>	Legible	V	D / A

Table 1 : Necessary pre-use controles before every use of the KN-AO.  
V = Visual, E = Experimental, D = Daily and A = Annual.

If one of the equipment has a defect on the mentioned descriptions, that equipment is defective and is not to be used. See Repair & Defects for further actions to be taken. NOTE: PPE and the KN-AO need to be annually inspected by an expert.



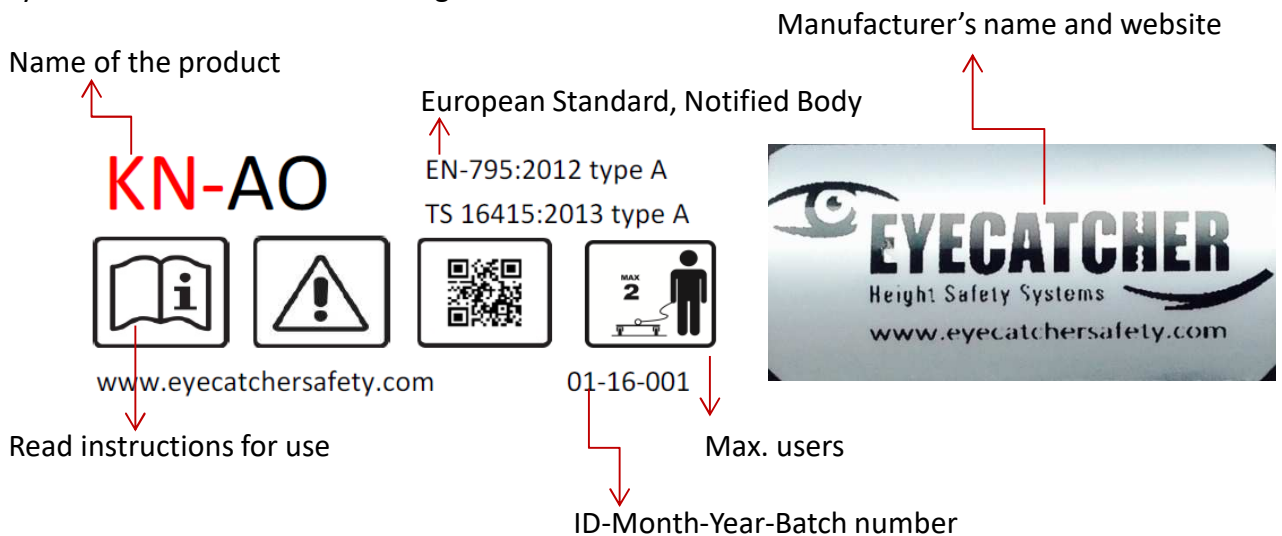


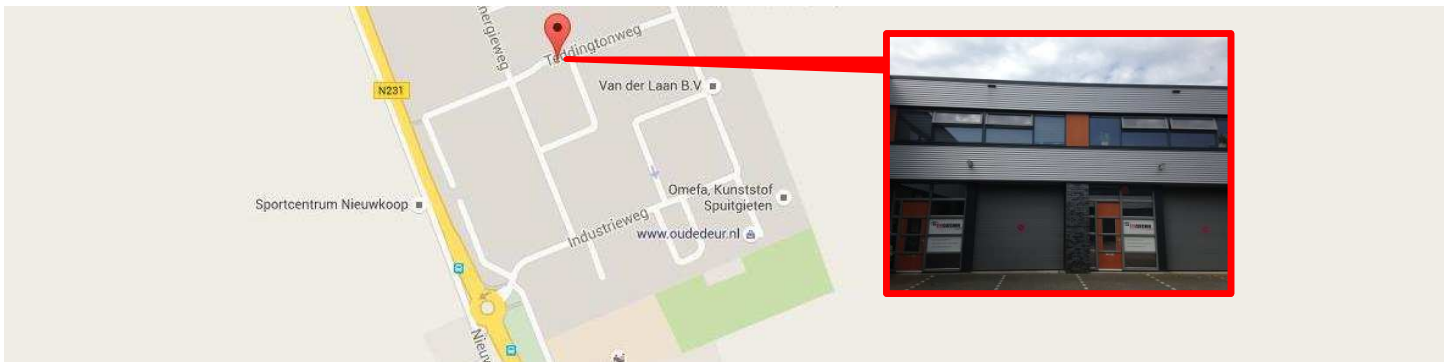
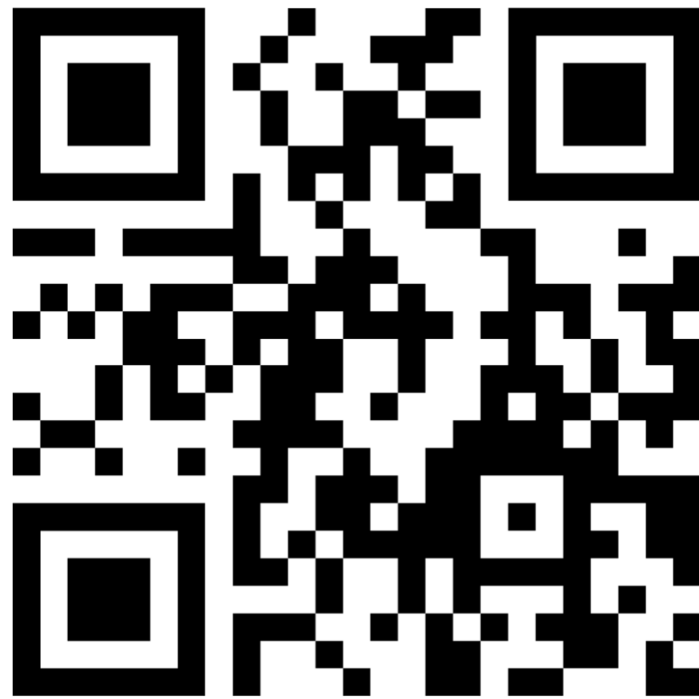


**REPAIR & DEFECTS** – If the product or any of its parts becomes damaged, it will NOT provide the optimum level of protection, and therefore should be immediately either replaced or repaired. Never use the damaged product. Any alterations, repairs or additions to the equipment can only be made after the manufacturer’s prior written consent and according to the given procedures.

**CLEANING** – Only use the following recommended cleaning treatments ; rinse with water (up to 60°C) and when necessary use soap NEVER use chemicals or any aggressive cleaning additives. After rinsing or becoming wet during use, the KN-AO must be allowed to dry naturally and be kept away from direct heat.

**MARKING** – Each KN-AO is clearly, indelibly and permanently marked by Eyecatcher BV with symbols and include the following :





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