

Technical Data

EMERGENCY

HOSE BREAKAWAY

COUPLING

Applies to the following models **only**:

-BRK.1A -BRK.3A


Please read carefully **before** commencing installation

PRODUCT DESCRIPTION & OPERATION

This Emergency Breakaway Coupling is designed to be installed in a fuel dispenser outlet delivery hose. In the event of a vehicle attempting to drive away with the fuel dispensing nozzle still inserted into its fuel filling point, the coupling will break at a pre-determined force (BRK.1A 800-1500N, BRK.3A 1270-1400N) preventing any damage to the dispenser. The coupling's double poppets will also automatically close to prevent release of fuel from either the dispenser or the delivery hose. **This device must not be re-used or re-connected after separation.**

This product ATEX certified for use with category 1, 2 or 3 flammable liquids in accordance with European Regulation No. 1272/2008. It bears the following certification marking and number:

EN 13617-2, EN 13463-1
Cert No.: IEP 13 ATEX 0137

 **II ½ Gck**

IMPORTANT WARNING NOTES

1. This product must only be used for dispensing petrol, diesel or other liquids classed as category 1,2 or 3 in accordance with European Reg. No. 1272/2008.
2. Installation of this equipment and its associated tank, pipe work and fittings should only be carried out by qualified fuel installation engineers.
3. The installation must be carried out in accordance with the requirements of EN 13617-2, EN 13463-1 and the latest relevant local authority regulations and standards.
4. It must not be used with other liquids or for other applications. We will accept no warranty claims or liability if it is used for other liquids or applications.
5. This device must not be re-used or re-connected after separation.

INSTALLATION INSTRUCTIONS

NB: This Emergency Breakaway Coupling must be installed in accordance with the following instructions to ensure its correct operation.

1. Ensure the dispenser is securely fixed to its mountings.

NB: It must be determined that the pull force required to break the coupling will not damage any other part of the hose assembly or dispenser.

2. Connect one end of a suitable short "pig tail" hose into the dispenser outlet. Connect one end of the Emergency Breakaway Coupling onto the free end of the "pig tail" hose and, in turn, connect the other end to an appropriate length of delivery hose with a fuel dispensing nozzle attached. The BRK.1A has 1" BSP parallel female threads and the BRK.3A has ¾" BSP female threads.

NB: Seal all threads with suitable hose sealing washers or an appropriate thread jointing compound.

When tightening use a spanner or wrench on the flats of the coupling. DO NOT OVER TIGHTEN. DO NOT TIGHTEN ACROSS THE COUPLING'S BREAK SECTION.

Ensure that the "pig tail" hose is of sufficient length to allow the Emergency Breakaway Coupling to align in the direction of pull should an excessive pull force be applied to the delivery hose.

Ensure that the Emergency Breakaway Coupling, when installed, is suspended above ground level.

The Emergency Breakaway Coupling must be installed "downstream" of any hose retractor cable coupling.


DECLARATION OF CONFORMITY

Company Name: **Hytek (GB) Ltd,**
Address: **Delta House, Green Street, Elsenham
Bishop's Stortford, Herts, CM22 6DS**

Date of Issue: **25th October 2022**

Equipment Details: **Hytek 1" & ¾" Emergency Hose Break Couplings
BRK.1A, BRK.3A**

Applicable Directives:
& Standards **S1 2008 1597 Supply of Machinery Safety Regulations
2014/34/EU ATEX Directive Aile**

Notified Body: **EN 13617-2, EN 13463-1, Cert No.: IEP 13 ATEX 0137,  II ½ Gck
IEP Uluslararası Enerji Petrol Gozetim Sertifikasyon ve Teknik Hizmetler
Organizasyonu, Ticaret Limited Şirket, MTK Sitesi 2.Giriş 5746/1 Sokak.
No:9 Kat: 2, Çamdibi 35090 IZMİR/TURKİY**

Declaration Number: **UK134 Issue 2**

On behalf of the above-named company, I declare under our sole responsibility that, on the date the equipment accompanied by this declaration is placed on the market, the equipment conforms with all technical and regulatory requirements of the above listed directives.

Clive Wellings

Clive Wellings, Process Co-ordinator
25th October 2022, Bishops Stortford, Herts



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