

FAST MOVING TECHNOLOGY

**STÄUBLI**

# BRH04 break-away coupling

**H70 Hydrogen refueling**



# Total protection of refueling line dedicated to hydrogen vehicles



Guarantee the safety of your installations and users



Improve your productivity



Optimize your costs

## How Stäubli BRH enhances your performance

The break-away system ensures immediate disconnection and automatic shut-off the circuit in case of drive off.

### Easy to install and use

In line breakaway allowing:

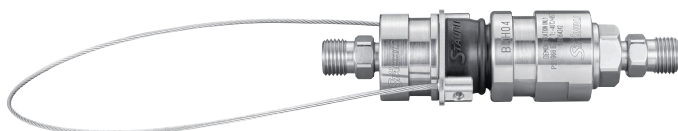
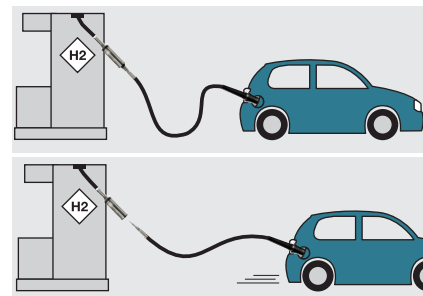
- Simplicity of the integration
- Easy access for a quick reconnection with the dedicated rearming tool

### Protection for the installation and its users

- Disconnection force specifically configured to maintain the integrity of the dispenser and the vehicle
- Gas flow automatically stopped on disconnection: prevents gas being released into the atmosphere (dispenser side)
- Immediate disconnection irrespective of the pressure in the hose

### Efficiency

- Minimum pulling force required to prevent accidental disconnection
- No prolonged shut down of installations



The opportunity to spend less and contribute to a sustainable development programme.

With Stäubli, you can rely on the performance of your equipment and reliability of long-term investments

## Technical data

Nominal working pressure (NWP)	700 bar (10153 psi)
Maximum operating pressure (MOP)	875 bar (12691 psi)
Component pressure rating (PS)	963 bar (13967 psi)
Disconnection force in line (N)	between 225 and 665 at the full range of pressure and temperature
Possible number of disconnections at MOP	10
Minimum and maximum allowable temperatures (TS)	-40 and +85 °C (-40 and +185 °F)
Cv	0.32
Weight	510 gr

### Material

Stainless steel

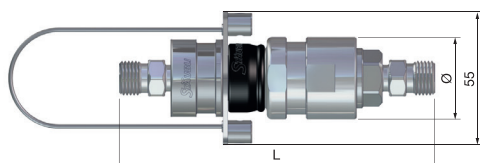


### Patented

US Pat. 10724667  
CN Pat. 2018110731425  
and other countries

## Part numbers

Function and thread	Fitting	Dimensions (mm)		Part numbers
		L	Ø or A	
Male thread with mooring cable	UNF9/16-18" MP 60°	131.2	34	100064242



### Reconnection tool

173

100

100013764





● Stäubli Units    ○ Representatives/Agents

# Global presence of the Stäubli Group

[www.staubli.com](http://www.staubli.com)