

**NEW &
INNOVATIVE**


**walther
präzision**
Quick Coupling Systems

**High Pressure
Emergency
Release Coupling
For Gaseous Hydrogen**

**700 bar (10150 psi)
Technology**

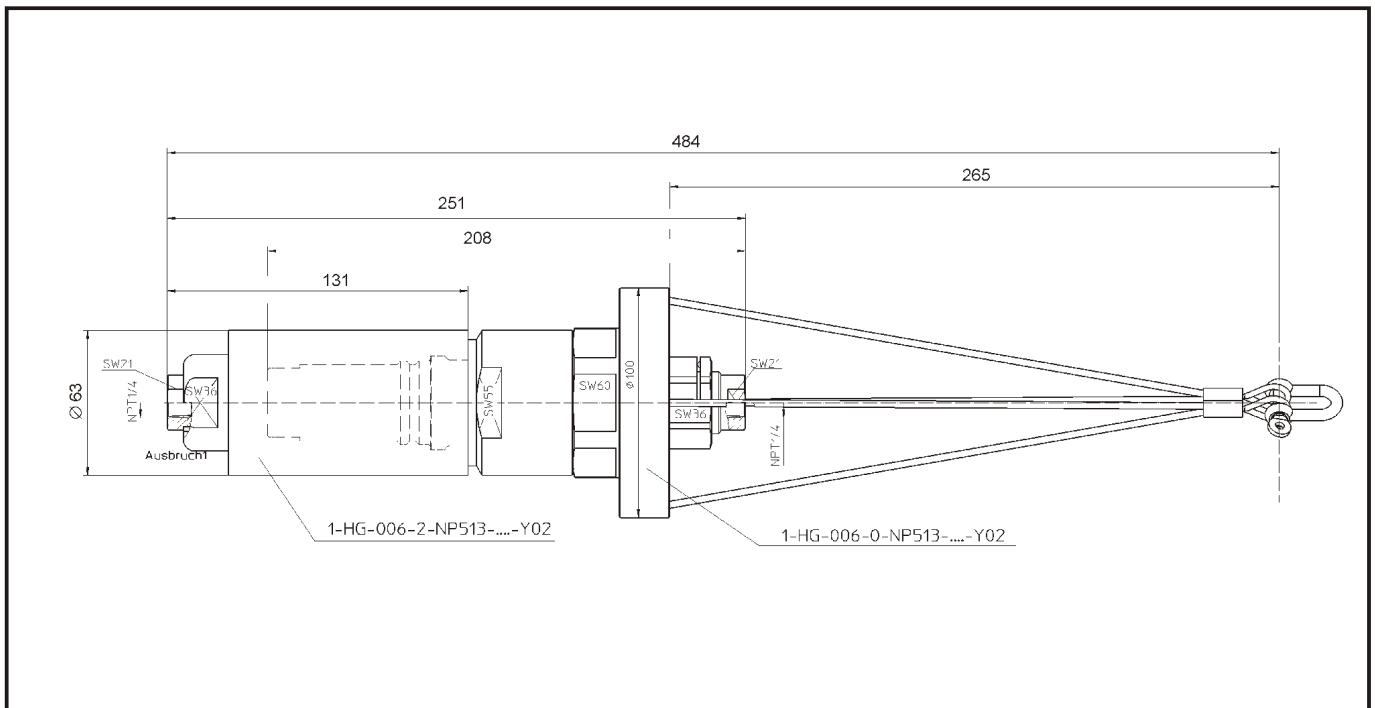
**TYPE
HG-006**



WALTHER HIGH PRESSURE EMERGENCY RELEASE COUPLING for filling with hydrogen up to 875 bar (12700 psi) filling pressure

Description:

This special high pressure emergency release coupling type HG-006 is the first system of its kind in the world which can safely separate fully pressurized hydrogen gas lines, up to 875 bar (12700 psi). The pull-off load can be preset and is infinitely variable from 200 – 400 N, via a special control mechanism. The coupling unit is mounted at the filling station pump. The nipple half can be safely released from the coupling, during inadvertent pulling forces via a lanyard. After an emergency separation, trapped pressure between emergency release coupling and refuelling receptacle can be safely relieved through a special venting tool. The undamaged coupling can then be reconnected to resume refuelling.



WALTHER-PRÄZISION • Wka • Stand 08/2004 • Änderungen vorbehalten

Technical data:

Nominal size:	6 mm
Working pressure:	700 bar (10150 psi)
Filling pressure:	875 bar (12700 psi)
Working temperature:	-40° C to +85° C (-40° F to 185° F)
Total weight:	3500 g (7,7 lbs)
Material:	stainless steel 1.4404/1.4571 or similar



Venting tool for type HG-006

Further information on request

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