

# Type **TK16 CNG**

## WEH<sup>®</sup> Fueling assembly

consisting of fueling nozzle, hose set and breakaway coupling



General



We also offer complete sets assembled and pressure tested for installation at fueling stations. The fueling assemblies consist of a fueling nozzle, a hose set and a breakaway coupling. All fueling assemblies are available with different hose lengths and can either be delivered with a type TSA1 CNG breakaway coupling directly mounted at the dispenser or a type TSA2 CNG inline breakaway coupling mounted inbetween the hoses.

**Application**

Fueling assembly for CNG fast filling of cars at self-service fueling stations.

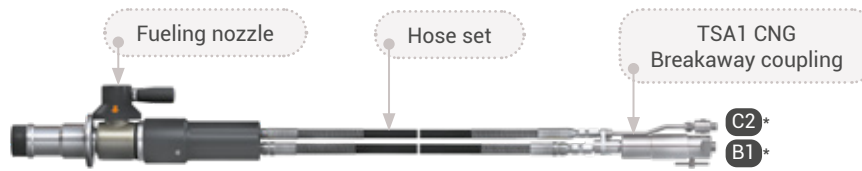
**TECHNICAL DATA**

Characteristics	Basic version
Nominal bore (DN)	8 mm
Max. allowable operating pressure	PS = 345 bar (5,000 psi)
Temperature range	-40 °C up to +85 °C (-40 °F up to +185 °F)
Material	Corrosion resistant
Sealing material	Natural gas resistant
Design	TK16 CNG fueling nozzle, hose set and breakaway coupling fully assembled and pressure tested

Ordering

**ORDERING** | Fueling assembly WEH® TK16 CNG with WEH® TSA1 CNG Breakaway coupling

Complete fueling assembly consisting of a TK16 CNG (200 bar / 3,000 psi) fueling nozzle, a hose set and a TSA1 CNG breakaway coupling (with 40 µm filter).



Part No.	Description	Hose length
<b>C1-81365-X01</b>	Fueling assembly with TSA1 CNG breakaway coupling	3 m
<b>C1-117123-X01</b>	Fueling assembly with TSA1 CNG breakaway coupling	4 m
<b>C1-106333-X01</b>	Fueling assembly with TSA1 CNG breakaway coupling	5 m

All designs are also available with a TK16 CNG - 250 bar (3,600 psi) fueling nozzle or with permanently bonded filling and venting hose. Please contact us!

\* For connection sizes 'B1' and 'C2' see page 44 in catalogue no. 15, TSA1 CNG breakaway coupling.

**ORDERING** | Fueling assembly WEH® TK16 CNG with WEH® TSA2 CNG Inline breakaway coupling

Complete fueling assembly consisting of a TK16 CNG (200 bar / 3,000 psi) fueling nozzle, a hose set and a TSA2 CNG inline breakaway coupling.



Part No.	Description	Hose length
<b>C1-106330-X01</b>	Fueling assembly with TSA2 CNG inline breakaway coupling	2.5   0.5 m
<b>C1-106334-X01</b>	Fueling assembly with TSA2 CNG inline breakaway coupling	3.5   0.5 m
<b>C1-106335-X01</b>	Fueling assembly with TSA2 CNG inline breakaway coupling	4.5   0.5 m

All designs are also available with a TK16 CNG - 250 bar (3,600 psi) fueling nozzle or with permanently bonded filling and venting hose. Please contact us!

\* For connection sizes 'B1' and 'C2' see page 128 in catalogue no. 15, TK16 CNG hose set.

## Technical explanations

## TECHNICAL EXPLANATIONS

**Abbreviations/Definitions**

For explanation of abbreviations and definitions of terms see technical appendix of the corresponding catalog or [www.weh.com](http://www.weh.com)

**Illustrations**

The illustrations and/or images used in these data sheet are particularly provided for illustrative purposes only and may differ in some details from the actual product. For binding information, please refer to your individual orders.

**Safe product selection**

Our WEH® Products are designed to be operated by qualified professional users (insofar as WEH® Products are also designed to be operated by other users in individual cases, this is explicitly stated in the corresponding operating instructions). Please note that WEH does not know your system and therefore - also due to the large number of different potential applications of WEH® Products - cannot perform tests on all potential types of application. You alone are responsible for the selection, configuration and suitability of WEH® Products, especially according to the requirements of your system. Before purchasing WEH® Products, please particularly ensure that our products are compatible with your intended use, your performance data, your material and fluids, your system concept and your system limits according to our product specifications. Please also consider your technical and legal requirements for operation, handling and maintenance. The quality and safety of WEH® Products is our highest priority. For this reason, WEH® Products may not be used outside the specifications in the relevant data sheets and product descriptions. If you are not sure whether the WEH® Product is suitable for your system and intended use, please contact us in advance. We also strongly recommend that you refrain from using third-party spare parts or a combination of WEH® Products with unsuitable third-party products. You alone are responsible for reviewing the suitability of third-party products. WEH® Products and WEH® Spare parts comply with our quality and safety standards.

**Service life**

WEH® Products are generally products which may be subject to wear and fatigue during operation and depending on your individual application/use. For details - in particular regarding the corresponding minimum inspection and maintenance intervals - please refer to the respective operating instructions for the WEH® Product.

**Explanation on the Pressure Equipment Directive**

These WEH® Products are generally classified as pressure accessories in accordance with Article 2 (5) of the Pressure Equipment Directive 2014/68/EU and are considered to be similar to piping. These WEH® Products may not be used as safety accessories. Furthermore, it is pointed out, that these WEH® Products are designed and placed on the market in accordance with the requirements of Article 4 (3) of the Pressure Equipment Directive 2014/68/EU. The assessment with regard to a different classification can, however, be made on request.

**External change management**

WEH reserves the right to update, optimise and adjust its products continuously. This may result in corresponding changes of the product. Customers will be informed proactively or unsolicited by WEH only in individual cases about product updates, product optimisations and/or product adaptations that have been carried out. You are free to contact WEH at any time to request information about any product updates, product optimisations and/or product adjustments.

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**» Contact**

More questions? – Great! Don't hesitate to contact our experts.

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