

Type **TK22 CNG**

CNG Fuelling Nozzle

for buses and trucks



General

DESCRIPTION



Features

- Compatible with receptacles acc. to ISO 14469-2
- Push-Pull actuation
- Extremely high flow rate
- Integrated shut-off valve
- Plastic thermal protection
- WEH® Jaw locking mechanism
- Colour coded impact protection (200 bar / 3,000 psi black, 250 bar / 3,600 psi yellow)
- High-grade materials
- Compact design
- Retrofitting of safety device for grip sleeve at any time

Type TK22 CNG is the WEH® Fuelling nozzle for CNG refuelling of buses and trucks. The compact design and the unique WEH® Jaw locking mechanism provide a pressure-tight connection within seconds.

The type TK22 CNG can be used wherever the system is pressurized and vented at the fuelling station. Easy push-pull connection. The nozzle only has to be placed onto the receptacle and the clamping jaws close. Disconnection is effected by pulling back the grip sleeve.



TK22 CNG with safety device for grip sleeve

Application

Fuelling nozzle for CNG fast filling of buses and trucks to be used with WEH® TN5 CNG receptacles acc. to ISO 14469-2. Operation only by specially trained service personnel. Not for self-service operation! For self-service operation we recommend our TK22 CNG with safety device for grip sleeve.

TECHNICAL DATA

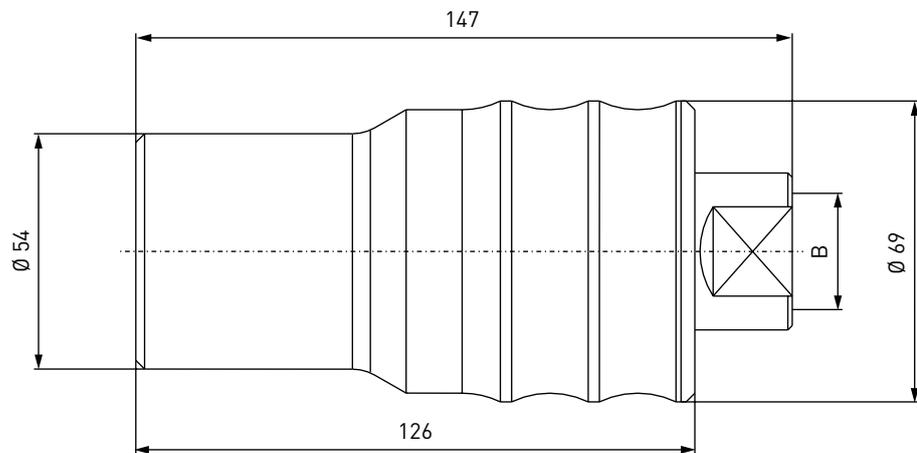
Characteristic	Basic version	Options
Nominal bore DN	12 mm	On request
Pressure range	C200 acc. to ISO 14469-2 PN = 200 bar (3,000 psi) PS = 300 bar PT = 450 bar (black) PN = 250 bar (3,600 psi) PS = 350 bar PT = 525 bar (yellow)	
Temperature range	-40 °C up to +85 °C [-40 °F up to +185 °F]	On request
Material	Corrosion resistant	On request
Sealing material	Natural gas compatible	On request
Design	With plastic thermal protection	On request
Weight	1.8 kg (3.97 lbs.) resp. 2.2 kg (4.85 lbs.) with safety device for grip sleeve	
Registration	PED97/23/EC: CE0036 Acc. to ISO 14469-2*	

* The NGV1 standard does not include the size 2 refuelling interface. The ISO 14469-2 can be used as a follower of the ANSI/NGV1 for the size 2 refuelling interface. The components are tested in accordance with ISO14469-2. The test program is similar to the NGV1 but displays the different profile and size of the components.

Ordering

ORDERING | Fuelling nozzle TK22 CNG

approx. dimensions (mm)



Part No.	Description	Pressure (PN)	Inlet B (internal thread)
C1-18890	TK22 CNG	200 bar / 3,000 psi (black)	UNF 7/8"-14*
C1-102476	TK22 CNG	250 bar / 3,600 psi (yellow)	UNF 7/8"-14*

* acc. to SAE J1926

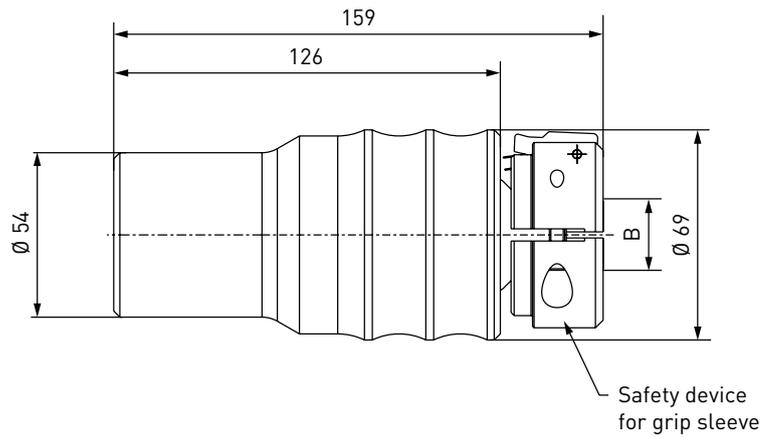
Ordering

ACCESSORIES

The following accessories are available for type TK22 CNG:

Safety device for grip sleeve

TK22 CNG with safety device for grip sleeve is appropriated for self-service operation.



Part No.	Description
W33337	Safety device for grip sleeve for TK22 CNG

Filling hoses

Filling hoses for connecting fuelling nozzle and dispenser, complete with fittings and press-fittings supported by coil spring stubs.



Part No.	Filling hose B1/B2 (internal thread)	Hose length
E68-1033-3000	UNF 7/8"-14*	3 m
E68-1033-4000	UNF 7/8"-14*	4 m
E68-1033-5000	UNF 7/8"-14*	5 m

* acc. to SAE J514, 37°

Ordering

Fittings

Stainless steel fittings for connecting the media inlet 'B' to the filling hose.

Part No.	Description	Connection fuelling nozzle	Connection filling hose
W6703	Fitting	UNF 7/8"-14* external thread	UNF 7/8"-14** external thread

* acc. to SAE J514, 37°

** acc. to SAE J1926

Please see page 126 in catalogue no. 15 onwards for a detailed overview on all available fittings.

Spare parts

Various parts are available as spares for type TK22 CNG:



Part No.	Description
C1-127951	① Spare parts set 200 bar / 3,000 psi (grip sleeve incl. metal sleeve and circlip)
C1-127950	① Spare parts set 250 bar / 3,600 psi (grip sleeve incl. yellow impact protection, metal sleeve and circlip)
E99-44923	Maintenance spray

Other products

OTHER PRODUCTS

You will find more products in our current catalogue no. 15



Further information on our homepage
www.weh.com

» Contacting

For queries and further information, please do not hesitate to contact us.

Manufacturer:

WEH GmbH Gas Technology

Josef-Henle-Str. 1
89257 Illertissen / Germany

Phone: +49 7303 95190-0

Fax: +49 7303 95190-9999

eMail: ngvsales@weh.com

www.weh.com