

Type TK16 H₂

Patented fuelling nozzle TK16 H₂ for fast filling of gaseous hydrogen at self-serve fuelling stations (DN 8 mm)

The new WEH TK16 H₂ is now available to make hydrogen refuelling of cars even easier. Weighing in at only 1750 g, the TK16 H₂ incorporates a guide bush and a 360° swivel to aid engagement.

The new WEH TK16 H₂ is coded to accept either 250 bar or 350 bar coded receptacles.

Features:

- Super light → only 1750 grammes
- Compatible with the WEH-TN1 H₂ receptacle profile (acc. to SAE J2600)
- WEH-EASY-TURN® swivel joint 360° for operating handle
- Extremely high flow rate → short filling times
- Plastic thermal protection
- WEH-Jaw locking mechanism
- High-grade materials
- Integrated shut-off valve
- Compact design



Pressure range / coding

Pressure range / coding	Receptacle	Nozzle	
		250 bar	350 bar
250 bar	250 bar	X	
350 bar	350 bar	X	X

X = Connection is possible



TK16 H₂ + mounting

Safety

TK16 H₂ offers high safety standards for the operator. The nozzle remains connected to the receptacle until the gas between inlet valve and receptacle is depressurized.

To achieve optimum performance it is recommended that the TK16 H₂ fuelling nozzle be used with the WEH-TN1 receptacle.

For further information on the filling hoses (filling and venting hoses) refer to page 36 of catalogue No. 50.

Type TK16 H₂

Technical Data:

Application:

H₂ fast filling of cars at self-serve fuelling stations.
Fuelling nozzle TK16 H₂ designed to be used with WEH-TN1 H₂ receptacle.

Temperature range:

-40°C up to +85°C

Pressure ranges:

According to the coding

Pressure range 250 bar:

PN = 250

PS = 350

PT = 525

Pressure range 350 bar:

PN = 350 bar

PS = 450 bar

PT = 675 bar

Design:

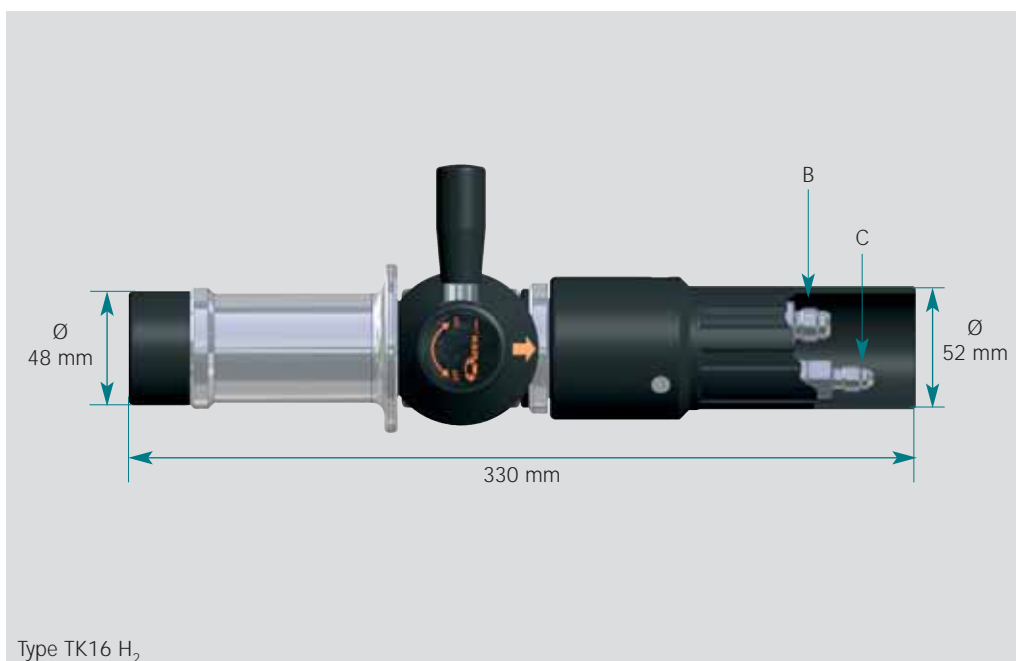
All parts corrosion-resistant, with plastic thermal protection, vent pipe and dispenser mounting. Seals hydrogen compatible.

Registration:

PED97/23EC: CE 0036

SAE J2600-H35

Dimensions (mm):



Ordering:

Inlet port 'B' available with other thread sizes on request.

Description	Inlet B	Gas recirculation C	Part No.
TK16 H ₂ - 250 bar	UNF 9/16" -18*	UNF 7/16" -20*	C1-45695
TK16 H ₂ - 350 bar	UNF 9/16" -18*	UNF 7/16" -20*	C1-45696
Mounting (switch actuated)	————	————	C1-55209
Mounting (switch actuated) with weather protection	————	————	C1-82152
Mounting (not switch actuated)	————	————	C1-55212

* acc. to SAE J514, 37°

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