

# Type TVR1 H<sub>2</sub>

### Check valve (DN 8 mm)

With this product WEH offers an advanced, high performance check valve for use with gaseous hydrogen. The check valve system is designed to minimize the effect that dirt particles have on the sealing components within the unit.

The WEH-TV1 Check Valve is designed of high-grade corrosion-resistant steel achieving a very durable unit (see TN1 receptacle).



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### Technical Data:

**Application:**  
Check valve for cars.

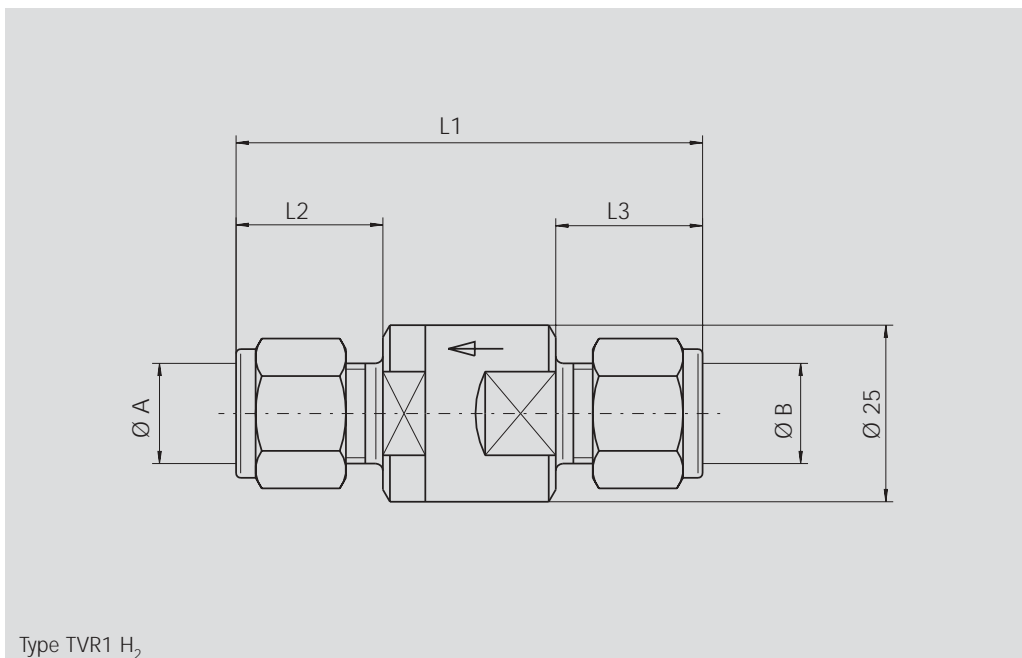
**Temperature range:**  
-40°C up to +85°C

**Registration:**  
PED 97/23/EC: CE 0036

**Pressure ranges:**  
350 bar, settled  
pressure at an uniform  
gas temperature of 15 °C.  
PN = 350 bar  
PS = 450 bar  
PT = 675 bar

**Design:**  
Corrosion-resistant steel,  
brass; When enquiring  
for the WEH-TVRI check  
valve  
please specify size and type  
of your connection. Seals  
hydrogen compatible.

### Dimensions (mm):



### Ordering:

Description	Inlet B* (mm)	Outlet A* (mm)	L1 (mm)	L2 (mm)	L3 (mm)	Part No.
TVR1	Tube 3/8"	Tube 3/8"	approx. 66	20.8	20.8	C1-18485
TVR1	Tube Ø 6	Tube Ø 6	approx. 63	17.5	17.5	C1-33824
TVR1	Tube Ø 8	Tube Ø 8	approx. 63	17.5	17.5	Please request!
TVR1	Tube Ø 10	Tube Ø 10	approx. 66	20.6	20.6	Please request!
TVR1	9/16"-18 internal thread SAE O-Ring Boss	9/16"-18 external thread SAE O-Ring Boss	Please request!			C1-34575

\* Twin ferrule fitting unless other wise specified!

**Manufacturer:**  
**WEH** GmbH  
**Gas Technology**

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