

Hoses for SF₆ gas Model GCH-08, nominal width DN 8 Model GCH-20, nominal width DN 20

Applications

Filling and evacuation of SF₆ gas tanks

Special features

- Robust materials
- Vacuum- and pressure-tight
- Tested helium leak-tight



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Description

Safe operation

These hoses ensure the safe handling of the environmentally damaging greenhouse gas SF₆.

Each hose is fitted with self-sealing valves and couplings and is 100% leak tested. It is thus ensured that no SF_6 gas can escape into the atmosphere.

Robust

The stainless steel hoses are resistant against the common decomposition products and are, through an additional stainless steel braiding, protected against external damage. A protection cap protects the connections during transport and storage.

Adaptable

For the connection to other nominal widths or connections, the appropriate connecting parts are available.

Connecting parts:

- Model GCx-08, nominal width DN 8
- Model GCx-20, nominal width DN 20

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Specifications

Versions

- Stainless steel hose in accordance with DIN EN ISO 10380, nominal width DN 8, flat corrugated, single-walled, with stainless steel braiding
- Stainless steel hose in accordance with DIN EN ISO 10380, nominal width DN 20, flat corrugated, single-walled, with stainless steel braiding
- Synthetic rubber hose in accordance with SAE100 R17, nominal width DN 8

Permissible working temperature

-40 ... +80 °C With mounted coupling/valve

Max. static operating pressure at 20 °C

Nominal width	Stainless steel	Rubber
DN 8	65 bar ¹⁾	65 bar ¹⁾
DN 20	55 bar	-

1) Limited through valve/coupling.

Diameter (internal/external)

Nominal width	Stainless steel	Rubber
DN 8	8.2 mm / 13.7 mm	8 mm / 14.1 mm
DN 20	20.2 mm / 28.4 mm	-

Minimum bending radius (dynamic/static)

Nominal width	Stainless steel	Rubber
DN 8	125 mm / 33 mm	55 mm / 55 mm
DN 20	170 mm / 70 mm	-

Dimensions in mm

Weight without connections

Nominal width	Stainless steel	Rubber
DN 8	approx. 0.2 kg/m	approx. 0.2 kg/m
DN 20	approx. 0.5 kg/m	-

Hose length

3, 6, 12, 15 m

Other hose lengths on request.

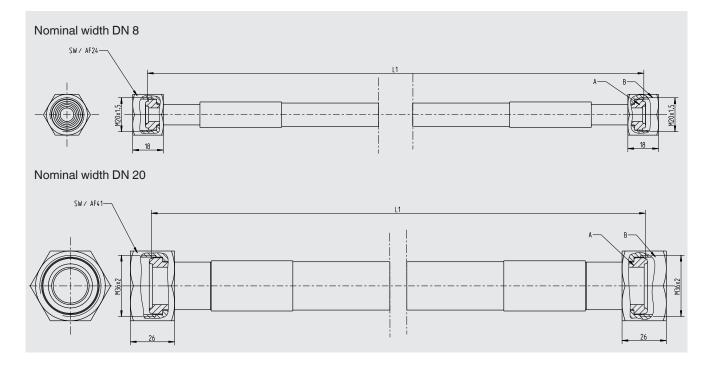
Connections (nominal width DN 8)

- Coupling valve, DN 8, female, aluminium (model GCC-08)
- Coupling valve, DN 8, female, stainless steel (model GCC-08)
- Valve, DN 8, male, brass (model GCV-08)
- Valve, DN 8, male, stainless steel (model GCV-08)

For details see data sheet SP 61.13

Connections (nominal width 20 mm)

- Coupling valve, DN 20, female, brass (model GCC-20)
- Coupling valve, DN 8, female, stainless steel (model GCC-20)
- Valve, DN 8, male, brass (model GCV-20)
- For details see data sheet SP 61.14



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