

Filling set for SF₆ gas For filling and refilling from a gas cylinder Model GFK-10

Applications

Emission-free filling and refilling of SF₆ gas compartments

Special features

- Compact and in a robust transport case
- 100 % tested for leak tightness
- Working temperature -40 ... +80 °C



Filling set for SF₆ gas

Description

High quality for safe handling

The right handling with SF₆ gas is important and requires that the right components and tools are used. The filling set model GFK-10 enables the safe filling and refilling of SF₆-gas filled equipment and plants. All connecting parts have been precisely and specifically designed for this application.

Easy handling

The required filling pressure for the filling or refilling is set at the pressure reducer. The filling hose is connected to the equipment via the self-sealing valves. The pressures can be controlled via the two pressure gauges and regulated specifically via the pressure reducer.

Specifications

Max. initial pressure

Max. initial pressure	Pressure gauge initial pressure		
		Nominal size	Measuring range
Option 1	60 bar	63 mm	0 ... 60 bar
Option 2	200 bar	63 mm	0 ... 250 bar
Option 3	200 bar	63 mm	0 ... 300 bar

Max. outlet pressure

10 bar

Pressure gauge outlet pressure

	Nominal size	Measuring range
Standard	63 mm	0 ... 10 bar
Option	100 mm	0 ... 10 bar

Gas cylinder connection

Thread	
Standard	W21.8 x 1/14" per DIN 477 No. 6
Option 1	0.96" 15/16 CGA 590
Option 2	1" per DIN 477 No. 8
Option 3	G 5/8" per BS 341 No. 6

Hose

	Length	Material
Standard	2 m	Rubber
Option 1	2 m	Stainless steel
Option 2	3 m	Rubber
Option 3	3 m	Stainless steel

Transport case

Case	
Standard	With transport case
Option	Without transport case

Adapter

DN 8 to DN 20, brass (model GCG-08)

Permissible ambient temperature

Operation: -40 ... +80 °C

Storage: -40 ... +80 °C

Permissible air humidity

≤ 90 % r. h. (non-condensing)

Ingress protection of the case

IP67 (per EN 60529)

Weight

Approx. 10 kg

Dimensions (L x W x H)

510 x 420 x 215 mm