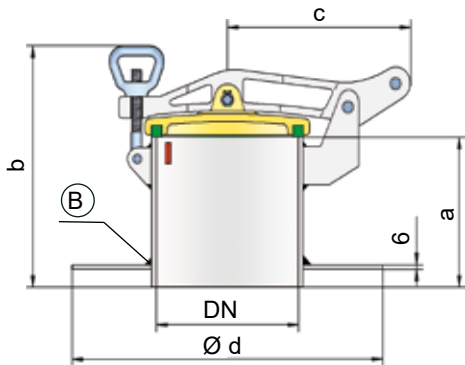


Gauge Hatch with Welded nozzle

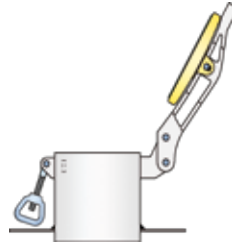
PROTEGO® PS/K, PS/TK



PROTEGO® PS/K



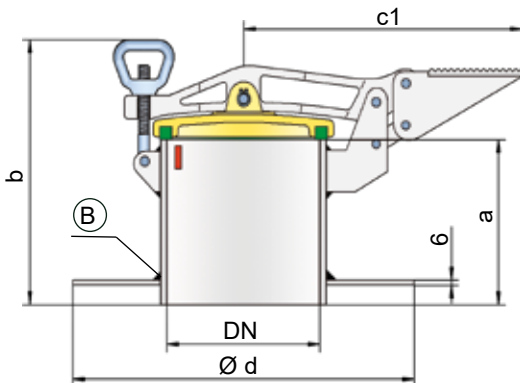
Design "I"
remaining open



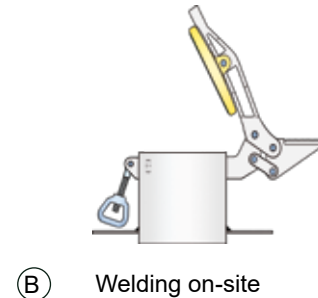
Design "II"
automatic cover closing



PROTEGO® PS/TK



Pedal-operated version
automatic cover closing



Function and Description

PROTEGO® gauge hatches PS/K and PS/TK are used as lockable gauge nozzles which are only opened for gauging or sampling.

The gauge hatches PROTEGO® PS/K and PS/TK mainly consist of housing, cover, and bracket. As a standard, the housing has stainless steel gauge marks.

In the pedal-operated version PROTEGO® PS/TK, the gauging nozzle pedal is connected to both the housing and the bracket

Design Types and Specifications

Depending on the intended use, the following designs are available:

Gauge hatch with welding nozzle

PS/K design I and II
„I“ : remaining open
„II“ : automatic cover closing

Gauge hatch with welding nozzle and pedal

PS/TK automatic cover closing

Gauge hatches with flange are available as type PROTEGO® PF/K, PF/TK and PS/KF. A separate data sheet is available.

Table 1: Dimensions		Dimensions in mm / inches	
DN	100 / 4"	150 / 6"	200 / 8"
a	175 / 6.89	225 / 8.86	250 / 9.84
b	265 / 10.43	320 / 12.60	355 / 13.98
c	160 / 6.30	205 / 8.07	235 / 9.25
c1	260 / 10.24	305 / 12.01	335 / 13.19
d	275 / 10.83	350 / 13.78	450 / 17.72

The nominal size depends on the dimensions of the gauging and sampling device.

Table 2: Material selection		
Design	A	B
Housing	Steel	Stainless Steel*
Cover	Ductile Iron	Stainless Steel*

* Only for PS/K

Flange Connection Type

The flange connection is in accordance to EN 1092-1, Form A. Optionally, the connecting flange can be made in accordance with any international standard.

Necessary Data for Specification

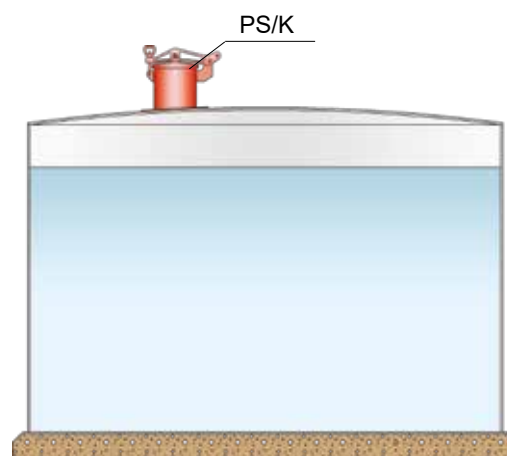
Stored product

Tank material

Tank nozzle DN (mm or inches)

Application Examples

Gauge hatches can, for example, be used in combination with the manual gauge devices type PROTEGO® H/P or with the gauging and sampling device PROTEGO® VP/HK.



Gauge hatches can be welded onto tanks with floating roof.

