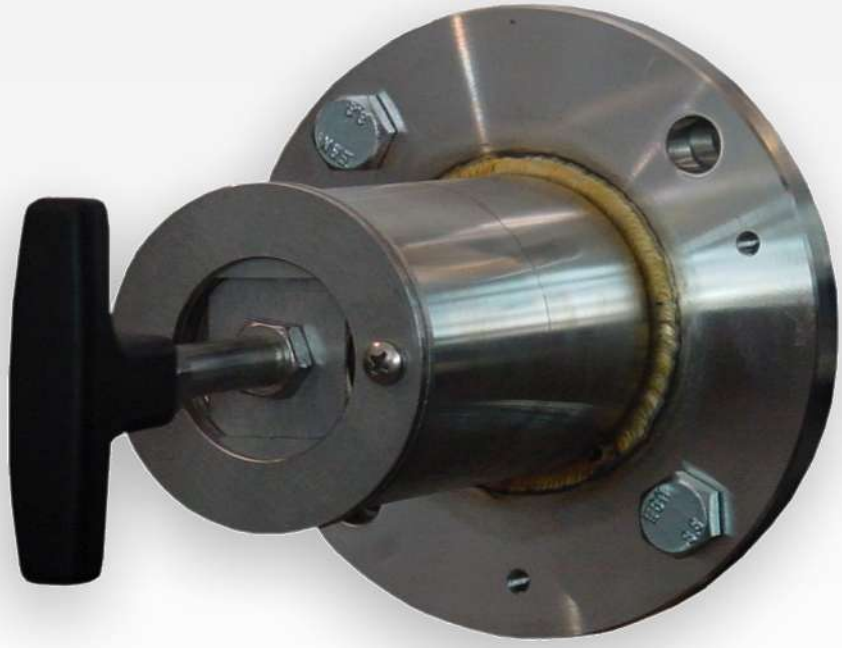


Sample gas probe GAS 222.10 ANSI

In many applications gas analysis is the key for safe and efficient control of process flows, environmental protection and quality assurance. In extractive gas analysis the location of the gas sampling point is crucial for the reproducibility and accuracy of the analysis results.

The specific filter capacity, corrosion resistance and functional equipment requirements for the probe arise from the composition of the sample gas.

However, operating costs are also an important criterion in the selection, as the sampling points are frequently located at hard to access points in the system. Effective particle filter backwashing options and low maintenance characterise the extensive GAS probe series.

Unheated probe with downstream filter

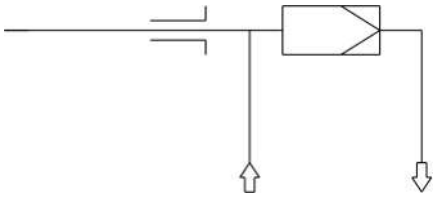
The filter element can easily be removed by turning the handle 90°

For dust loads up to 2 g/m³, non-condensable gases

The probe has no innate ignition source and is therefore suitable for use in Ex areas.

Bühler Technologies GmbH, Harkortstr. 29, D-40880 Ratingen
Tel. +49 (0) 21 02 / 49 89-0, Fax: +49 (0) 21 02 / 49 89-20
E-Mail: analyse@buehler-technologies.com
Internet: www.buehler-technologies.com

Flow diagram



Technical Data

Gas Probe Technical Data	
Operating temperature:	max. 200 °C
Max. operating pressure:	6 bar
Parts in contact with media:	Flange: 1.4571 Seals: Graphite/1.4404 and see filter

Ordering instructions

The item number is a code for the configuration of your unit. Please use the following model key:

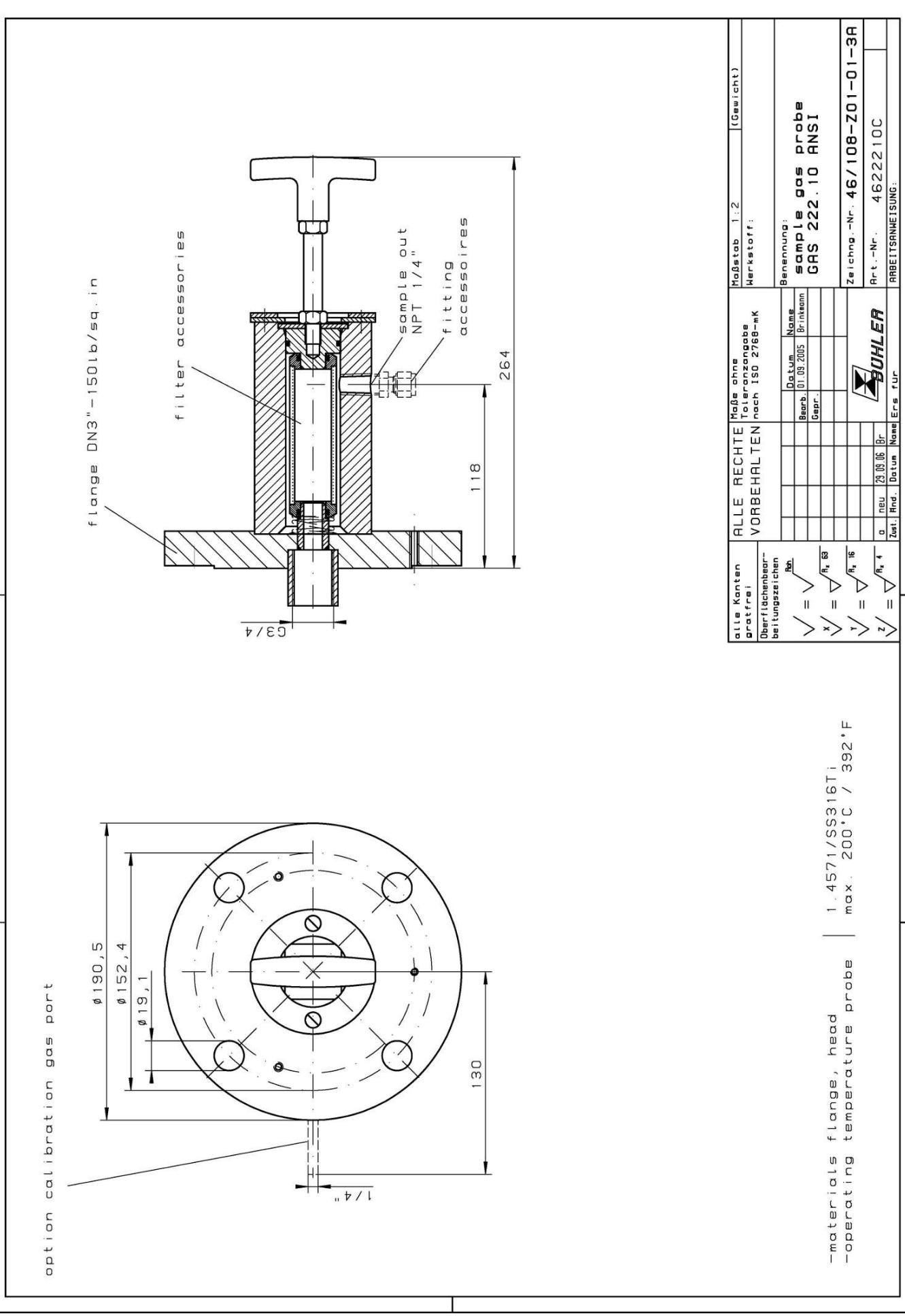
4622210	1	9	9	0	0	X	0	0	9	9	9	9	9	Product Characteristics
														Flange/approval
														ANSI 3"-150 lbs (ANSI CSA)
														Power supply sample probe
														none
														Calibrating gas connection
						0								No calibrating gas connection
						1								6 mm
						2								6 mm + check valve
						3								1/4"
						4								1/4" + check valve

Options

The base unit becomes functional by adding accessories suitable for the application. Please refer to accessory data sheet no. 461099 for information.

Please also refer to data sheet no. 461000 "GAS 222 Gas Probes" for a general description.

Dimensions


flange DN3"-150lb/sq.in
filter accessories
sample out
NPT 1/4"
fitting
accessoires
264
118
G3/4
ø190,5
ø152,4
ø19,1
130
1/4"
option calibration gas port
-materials flange, head
-operating temperature probe
1.4571/SS316Ti
max. 200°C / 392°F
alle Kanten gratfrei
Oberflächenbearbeitungszeichen
ALLE RECHTE VORBEHALTEN
Maße ohne Toleranzangabe nach ISO 2768-mK
Maßstab 1:2
(Gewicht)
Werkstoff:
Benennung:
sample gas probe
GAS 222.10 ANSI
Zeichng.-Nr. 46/108-Z01-01-3A
Art.-Nr. 46222100
ARBEITSANWEISUNG:
Ers. für
Name
Datum
Bearb. 01.09.2005 Brinkmann
Gepr.
a neu 29.09.06 Br
Zust. Änd. Datum Name
BÜHLER