



# TRANSPARENT LEVEL GAUGES

Type TA 120



## TA 120

PN 250

120 bar

323 °C

Saturated Steam

### Nominal pressure:

PN 250, 120 bar  
323 °C saturated steam  
with gauge valve DVK 2  
Construction to KLINGER  
material code FS/H

### Gauge glass:

Klinger Transparent glass TA 28  
Material Borosilicate  
Mica shield TA 28  
Illuminator IP 65

### Connection

**gauge body – gauge cock**

### Rotatable (360°)

Connecting piece with flanges. Seal between gauge and connecting piece: joint ring.

### Connection construction

**End connection** with DVK 2 gauge valves (see illustration). Safety ball in the upper and lower shut-off fitting.

**Vessel connection** by flanges or male threads available to all recognized standards.

**Weight:** Gauge valve set with DN 25 flanges approx 44 kg.

**Torque for body bolts 300 Nm, cold 270 Nm under working conditions.**

For gauge body and gauge valve part lists, dimensions of glasses and material specifications see pages 12 and 39.

### Suggested order specification

#### Transparent level gauge PN 250

KLINGER material code FS/H  
Gauge glass Borosilicate thermally prestressed  
Connection gauge body – shut-off fittings rotatable  
Shut-off fittings gauge valves with safety balls

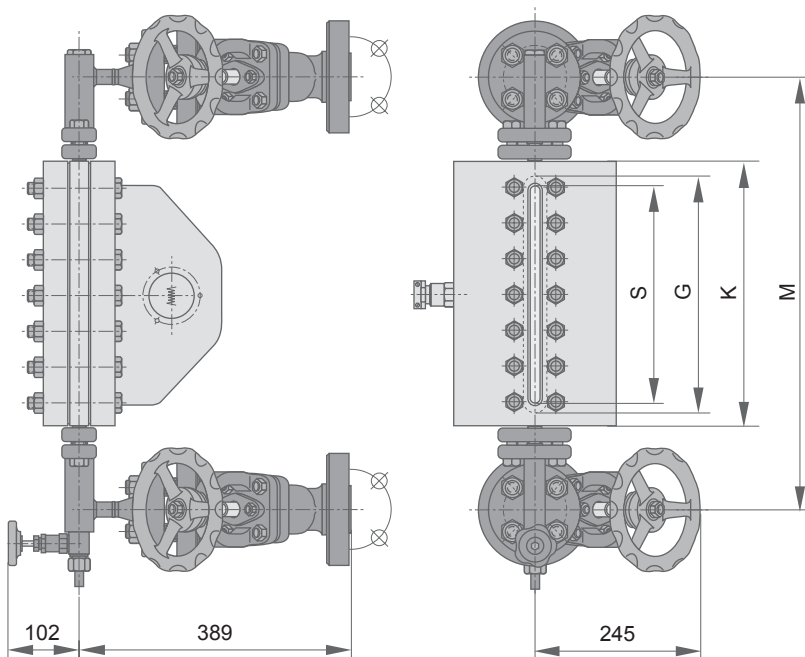
### Ordering example:

TA 120-DVK 2, VIII, FS/H

DN 25 / PN 250

M= 508 mm

TA 120-DVK 2



### Overall and connection dimensions (mm)

Gauge size	Centre-to-centre distance M min	Body length K	Sight length S	Glass length G	Approx. weight of gauge (kg)
III	353	220	145	163	30,00
IV	378	245	170	188	33,00
V	408	275	200	218	38,00
VI	438	305	230	248	44,00
VII	468	335	260	278	52,00
VIII	508	375	300	318	62,50
IX	528	395	320	338	69,50

The maximum centre-to-centre distance  $M_{max}=M_{min}+116$ , larger centre-to-centre distances can be achieved by the use of mounting plates.

