

# RUBBER-STEEL GASKET G-ST-P/S (NBR)

## 0184GS10

The lens-shaped base body is also equipped with an O-ring as static sealing element. The rubber jacketing is vulcanised firmly to the steel insert which creates a sturdy compound which can withstand even high stresses. The steel insert increases the blow-out resistance and stability of the sealing system.



### Operating data

Temperatur [min]	-25 °C
Temperatur [max]	70 °C
Pressure [max]	25 bar

### Gasket characteristics DIN 2505 V

k1 [mm]	1,6 × b <sub>d</sub>
---------	----------------------

### Gasket characteristics DIN 28090

$\sigma_{V0}$ [N/mm <sup>2</sup> ]	15
$\sigma_{VU 0,1}$ [N/mm <sup>2</sup> ]	2
m [DIN 28090]	1

### Gasket characteristics ASME

m [ASME]	2
Y [PSI]	300

### Approvals and test reports

TA Luft 2002 [VDI 24A0/2200]

W270

FDA [Food]

### Flange shapes

Plastic flange

### Notes

Proof of the required leakage rate according to TA Luft 2021 [VDI 2290] can be provided by a calculation according to DIN EN 1591-1.