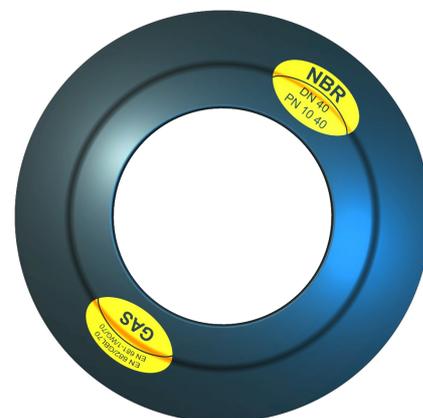


RUBBER-STEEL-GASKETS VERSION KGS GII MADE OF NBR

0181GS12

The Gasket consists of a spear-shaped rubber body and an integrated steel ring. The rubber coating is firmly vulcanized to the steel insert, creating a stable bond that can withstand high loads. The steel insert increases the blow-out resistance and stability of the sealing system. The geometry enables a secure seal to be created even with the lowest surface pressures.



Operating data

Temperatur [min]	-15 °C
Temperatur [max]	100 °C
Pressure [max]	40 bar

Gasket characteristics DIN 28090

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

Gasket characteristics ASME

m [ASME]	2
Y [PSI]	300

Approvals and test reports

TA Luft 2002 [VDI 24A0/2200]	
Blow-out resistance	
Gas [DIN 3535-6]	

Flange shapes

Self-centering, Raised Face [form IBC]

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.

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/m6644b3c0d730906c>

General information: All information given in this Technical Information sheet represents our current level of knowledge and serves as information on our products and their respective scopes. It is not meant to ensure any particular properties of any product or the suitability of any product for any specific application, neither does it create any liability on our part. © Copyright by IDT

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Further sealing systems and technical information can be found [idt-gaskets.com](https://www.idt-gaskets.com)

Last Changed 2024-05-15