

GROOVED GASKET [CONVEX-SHAPED PROFILE] WITH INTEGRAL CENTERING RING, PRE- DETERMINED BREAKING POINT AND BOTH-SIDED PTFE LAYERS

6713KD24

The convex-shaped grooved stainless steel core [1.4571, pitch 1,0 mm] is covered on both sides with soft material layers made from PTFE [unsintered]. The integral centering ring [machined] is additionally provided with a pre-determined breaking point, which prevents vibration breaks in the sealing area.



Grooved gaskets require low minimum sealing surface pressure, but can also resist very high loads.

Grooved gaskets impress by a high pressure application limit, low leakage rate and are therefore suitable for extreme operation conditions.

Other core materials available on request.

Operating data

Temperatur [min]	-269 °C
Temperatur [max]	260 °C
Pressure [max]	400 bar

Gasket characteristics DIN 2505 V

$K_0 \times K_d$ [N/mm]	$15 \times b_d$
k_1 [mm]	$1,1 \times b_d$

Gasket characteristics DIN 28090

σ_{V0} [N/mm ²]	500
$\sigma_{VU 0,1}$ [N/mm ²]	15
m [DIN 28090]	1.1
$\sigma_{B0 200 °C}$ [N/mm ²]	450

Gasket characteristics ASME

m [ASME]	2.5
Y [PSI]	2200

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/61f7e4a590c350f09>

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Approvals and test reports

Drinking Water [KTW; WRAS]

WRAS

W270

Flange shapes

Self-centering, Raised Face [form IBC]

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

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