

CORRUGATED METALLIC GASKET WITH PARTIAL GRAPHITE LAYER AND INNER EYELET

8711WD24

The gasket comprises a corrugated stainless steel core [1.4571] with partial graphite layer on either side and stainless steel inner eyelet. The partial facing reduces the surface area of the gasket for greater unit load. The sealing system can be used in applications where low stress allowed. The non-faced metallic ring serves for centering the gasket in the flanges. The inner eyelet prevents the graphite layer from impacting the flow medium.



Operating data

Temperatur	450 °C
Temperatur [min]	-269 °C
Temperatur [max]	550 °C
Pressure [max]	160 bar

Gasket characteristics DIN 2505 V

$K_0 \times K_d$ [N/mm]	$12 \times b_d$
k_1 [mm]	$1,1 \times b_d$

Gasket characteristics DIN 28090

σ_{V0} [N/mm ²]	230
$\sigma_{VU 0,1}$ [N/mm ²]	12
m [DIN 28090]	1.1
$\sigma_{B0 300 \text{ °C}}$ [N/mm ²]	200

Gasket characteristics ASME

m [ASME]	2.5
Y [PSI]	2000

Approvals and test reports

TA Luft 2002 [VDI 24A0/2200]
Gas [DIN 3535-6]
WRAS

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/61f7e49d03e589aaf>

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