CORRUGATED METALLIC GASKET WITH TWO-SIDED PARTIAL GRAPHITE LAYER

8711WD12

The gasket comprises a corrugated stainless steel core (1.4571) partial graphite layer on either side. The partial facing reduces the sealing face 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 flange.

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 × b_d
k1 [mm]	1,1 × b_d

Gasket characteristics DIN 28090

$б_{V0}$ [N/mm²]	230
$б_{VU}$ 0,1 [N/mm²]	12
m (DIN 28090)	1.1
$б_{B0}$ 300 °C [N/mm²]	200

Gasket characteristics ASME

m (ASME)	2.5
Y [PSI]	2000

Approvals and test reports

TA Luft 2002 (VDI 24A0/2200)

DIN EN13555 (TA Luft 2021)

Fire Safe Test

Blow-out resistance

Gas (DIN 3535-6)

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Further sealing systems and technical information can be found **idt-gaskets.com**