

SIGRAFLEX® HOCHDRUCK FLAT GASKET WITH INNER EYELET AND PRE-COMPRESSED CENTERING RING

3885FD11

Basic design corresponds to Sigraflex Hochdruck flat gaskets with inner eyelet. The seal is, however, also pre-compressed in the outer area. Lower surface stress is required during installation of the flat gasket due to the reduced surface area.



Operating data

Temperatur	450 °C
Temperatur (min)	-269 °C
Temperatur (max)	550 °C
Pressure (max)	250 bar

Gasket characteristics DIN 2505 V

$K_0 \times K_d$ [N/mm]	$20 \times b_d$
k1 [mm]	$1,3 \times b_d$

Gasket characteristics DIN 28090

σ_{V0} [N/mm ²]	200
$\sigma_{VU 0,1}$ [N/mm ²]	20
m [DIN 28090]	1.3
$\sigma_{B0 150 °C}$ [N/mm ²]	180
$\sigma_{B0 300 °C}$ [N/mm ²]	130

Gasket characteristics ASME

m [ASME]	2.5
Y [PSI]	2200

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/61f7e499b9bdb2d357>

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

Last Changed 2025-01-29

Approvals and test reports

TA Luft 2002 [VDI 24A0/2200]

Fire Safe Test

Blow-out resistance

BAM oxygen

BAM oxygen [liquid]

Gas [DIN 3535-6]

EG 1935/2004

Flange shapes

Self-centering, Raised Face (form IBC)

With partition bars

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