

**SITTECH®**

## TECHNICAL DATA SHEETS



- Very high operating pressures
- Very low leakage rates for gases and liquids
- High operational safety due to broad range of app.

## KAMMPROFILE SERRATED GASKET

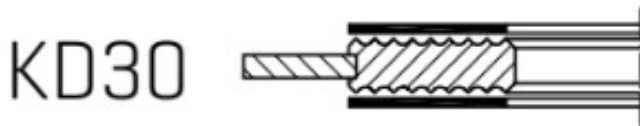
**CATEGORY:** FLANGE SEAL  
**MANUFACTURER:** IDT  
**PROFILE:** KD30  
**DIMENSION:** EN 1514-6 [EN12560-6]  
**MATERIAL:** Dependent on material

- Widely used in chemical and petro-chemical sector
- Device and container flanges, pumps and valves
- Power stations, steam gener. and in device constr.

### PRODUCT NAME

Kammprofile serrated gasket  
with floating centring ring

### PROFILE



### FEATURES

The convex stainless steel carrier is serrated on both sides. [Standard: WS 1.4571 / Kammprofile serrated profile partition 1.0mm] is covered with a non-metallic layer, mostly graphite or PTFE. **The gasket has a floating centring ring which ensures the centring on the flange bolts and prevents fatigue failures in the gasket area.**

Complies with TA Luft and VDI 2290<sup>1</sup>.

### OPERATIONAL DATA

	Grafit	PTFE
Pressure	Max. 400 bar	
Temperature	-200°C to 550°C <sup>3</sup>	-200°C to 250°C
Density [mDIN 2505]	1.1	1.1
$\sigma_{VU0.1}$	15 N/mm <sup>2</sup>	15 N/mm <sup>2</sup>
$\sigma_{VO}$	500 N/mm <sup>2</sup>	500 N/mm <sup>2</sup>
$\sigma_{BO300^\circ C}$ [200°C]	500 N/mm <sup>2</sup>	450 N/mm <sup>2</sup>

### APPROVALS

TA Luft 2002 [VDI 2440/2200]	X	X
BAM oxygen	X	
BAM ethylene/propylene		
DVGW [DIN 3535-6]	X	X
KTW-guideline		
Fire Safe Test	X	
FDA		
EG 1935/2004		
Blow-out resistance	X	
Germanischer Lloyd		

**Notes:** <sup>1</sup> complies with VDI 2290 only in combination with a leakage certificate as per EN 1591-1

<sup>3</sup> upward of 450°C please consult the manufacturer