



D 2.3 Carbon - D 2.3 Carbon

Universal carbon fiber based gasket with NBR binder for higher pressure and temperature

Characteristics

- Good chemical resistance in general and to alkaline products
- Graphite Nonstick coating on both sides assures quick and scaling free disassembling
- Do not use any surface treatment!



Operating range

$p_{\max}$ [bar]	100
t °C	-50 ... +300

Temperature: short term up to 400 °C

Main application

- Tube and pipe flanges
- Vessels
- Boilers
- Cylinders
- Joints
- Casings
- Lids

Suitable for

- All Industries

Approvals

- DVGW
- KTW
- BAM

Form of delivery

Sheets 1500 x 1500 mm in thickness of 0.3/ 0.5/ 0.8/ 1.0/ 1.5/ 2.0/ 3.0/ 4.0 mm or cut gaskets according to drawing or EN and international Standards

Special dimensions and further gasket material styles from recognised manufacturers on request.



All technical information and advice is based on our experience and will be given most conscientiously but without any liability.

Indication and figures are for guidance only and need to be examined by the user. All sizes are subject to manufacturing tolerances. We reserve the right to modify specifications at any time.

Please note that the technical values cannot be used all at the same time in their maximum values.

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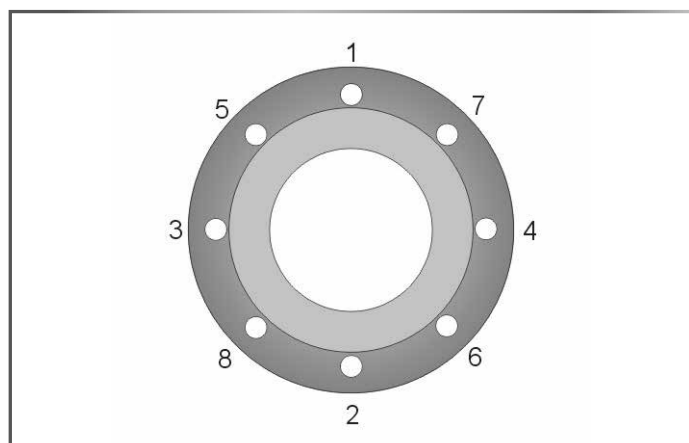
Rudolf-Diesel-Ring 28 . 82054 Sauerlach

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TECHNOLOGY MADE IN GERMANY



Installation

Clean sealing surface completely. Remove any dirt, corrosion, grease or remainders from old sealing materials.

- Position gasket centric on the sealing surface. Take extra care on vertical assemblies. First tighten bolts finger-tight.

Then continue at least with 4 progressive torque sequences with a torque wrench, always torque crosswise as shown in the sketch (see fig. 1). Apply 25%, 50%, 75% and 100% of the recommended gasket stress.

- Always follow the state-of-the-art guidelines for gasket assembly as well as the recommended torque for your sealing system.

- Notes of the flange manufacturer and recommended torques for the sealing system (flange, bolt, gasket) need to be followed.

Gasket sheets technical data

	Compressibility ASTM F36 %	Recovery ASTM F36 %	PQR EN13555	Pressure* max* bar	Temp (Material)* max* °C	Material	Q _{min} EN13555 (MPa)	Q _{Smin} EN13555 (MPa)	Q _{Smax} EN13555 (MPa)
D 2.3 Carbon	9	60	--	100	300 (280 in steam)	Carbonfiber, NBR, Filler	--	--	--

*The max values of pressure and temperature cannot be used at the same time

The provided Pressure and Temperature data is based on optimal installation condition and steady control of the flange connection

-- = not available

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