



AVK RUBBER-METAL FLANGE GASKET

NBR rubber, drop-shaped "KGS-S" design

79
004

AVK flange gaskets with steel insert are suitable for flanges made of steel, stainless steel, glassfibre reinforced plastic, PP, PVC, PE and for coated flanges. We offer two different basic designs, the straight KGS design and the drop-shaped KGS-S design, which both are available in EPDM and NBR rubber.

Product description:

NBR flange gasket in drop-shaped KGS-S design for gas applications to max. 130° C

Standards:

- Designed according to DIN EN 1514-1

Tests/Approvals:

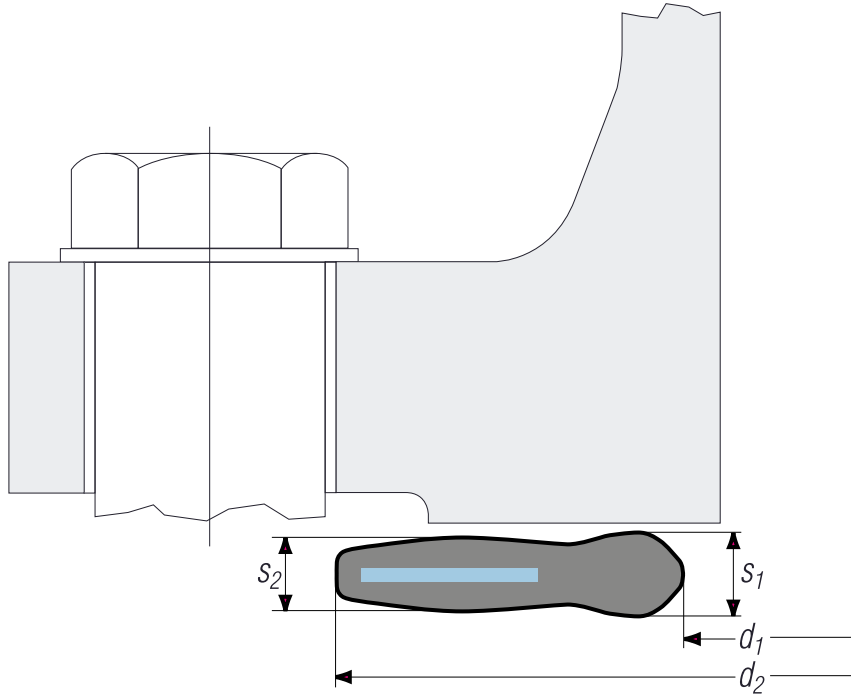
- Approved according to EN 682 and DVGW

Features:

- Vulcanised rubber gasket in NBR shore 70 with lenticular shape and rounded edges
- Moulded drop-shape at the inside of the gasket protects against corrosion and pressurized volumes at the sealing area, and offers optimal sealing properties in case of flange unevenness as well as at lowest tightening torques. The shape also makes the gasket suitable for flanges made of thermoplastic material.
- Inside a vulcanised steel ring offering a good absorption of surface pressure
- Outer diameter self-centering to the inner diameter of the screw holes
- Good chemical resistance to aliphatic hydrocarbons, mineral oils and greases, diesel fuel and petrol, diluted acids and alkalines at ambient temperature, water and many salt dilutions at ambient temperature, animal and vegetable oils and greases. Resistance to mentioned media should be confirmed by AVK before installation. The gaskets are not resistant to aromatic and chlorinated hydrocarbons, highly oxidising acids or polar solvents. The gaskets are not resistant against aliphatic, aromatic and chlorinated hydrocarbons or highly oxidising acids.



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Component list

1. Gasket	NBR rubber	2. Ring	Steel
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Components may be substituted with equivalent or higher class materials without prior notification.

Reference nos. and dimensions

AVK ref. nos.	DN	PN	S1 mm	S2 mm	d1 mm	d2 mm	Bolt torque*)	Weight kg
79-050-2-43	50	10-40	4	5	61	107	80	0.03
79-065-2-43	65	10-40	4	5	77	127	50	0.04
79-080-2-43	80	10-40	4	5	89	142	65	0.07
79-100-2-23	100	10-16	5	6	115	162	70	0.08
79-125-2-23	125	10-16	5	6	141	192	90	0.11
79-150-2-23	150	10-16	6	7	169	218	120	0.12
79-200-2-23	200	10-16	6	7	220	273	110	0.18
79-250-2-13	250	10	6	7	273	328	160	0.26
79-300-2-13	300	10	6	7	324	378	220	0.30
79-350-2-13	350	10	7	9	356	438	280	0.48
79-400-2-13	400	10	7	9	407	489	370	0.74
79-450-2-13	450	10	7	9	458	539	370	0.95
79-500-2-13	500	10	7	9	508	594	500	1.00
79-600-2-13	600	10	7	9	610	695	750	1.06
79-700-2-13	700	10	8	10	712	810	500	1.50
79-800-2-13	800	10	8	10	813	820	650	2.16

*) Torques are for lubricated bolts - if not lubricated, the recommended torques are 30% higher. Bolt torques are based on PN 16 pressure rating. Bolts are grade 5.6 or higher.