



AVK RUBBER-METAL FLANGE GASKET

79/B-001

EPDM rubber, straight "KGS" design

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. The flange gaskets are available in EPDM for water and wastewater applications and in NBR rubber for gas applications.

Product description:

Flange gasket in straight KGS design - EPDM rubber for water and wastewater applications to max. 100° C (short term up to 130° C)

Standards:

- Designed according to DIN EN 1514-1

Test/Approvals:

- Approved according to D1/D2, EN 681-1, DVGW/ W270, ACS, WRC/WRAS and Ö-Norm

Features:

- Vulcanised rubber gasket in EPDM shore 70 with lenticular shape and rounded edges
- Inside a vulcanised steel ring offering a good absorption of surface pressure
- Outer diameter self-centering to the inner diameter of the screw holes
- Suitable for applications requiring good ozone-, ageing- and weatering resistance
- The gaskets are resistant to water and dilutions of salts, diluted acids and alkalines, polar media such as alcohol and ketone, washing agents, hydraulic media based on water-glycol and hydraulic media based on phosphoric esters. Resistance to mentioned media should be confirmed by AVK before installation. The gaskets are not resistant against aliphatic, aromatic and chlorinated hydrocarbons or highly oxidising acids.

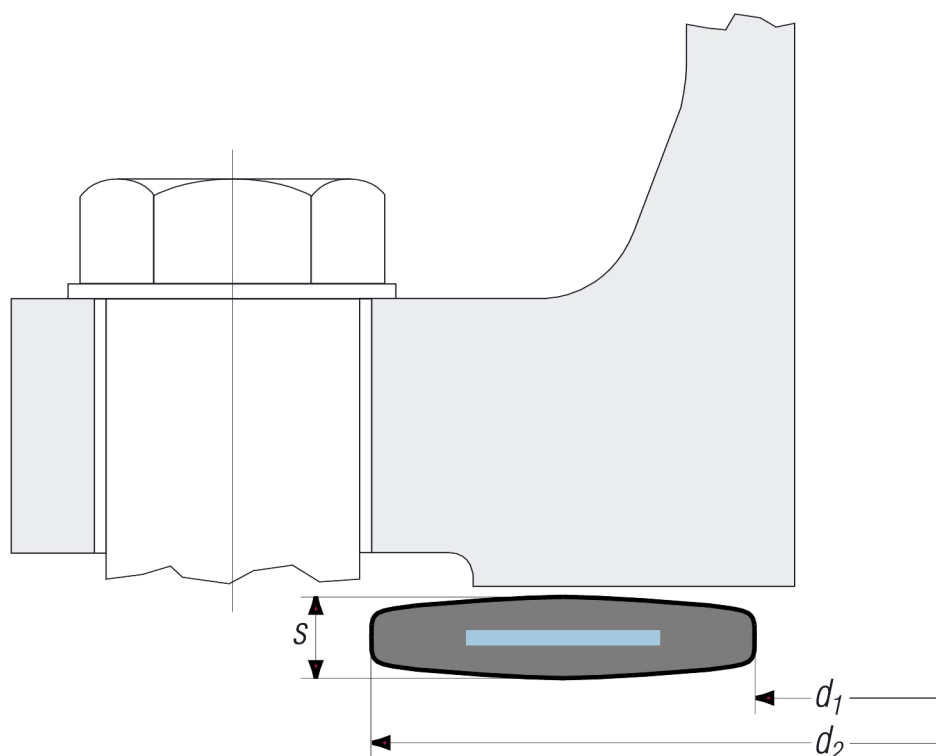


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Reference nos. and dimensions:

AVK ref. no.	DN mm	Product PN Class	S mm	D1 mm	D2 mm	Torque Nm	Theoretical weight / kg
79-050-4-42	50	PN 10/40	4	61	107	80	0.0
79-065-4-42	65	PN 10/40	4	77	127	50	0.0
79-080-4-42	80	PN 10/40	4	89	142	65	0.1
79-100-4-22	100	PN 10/16	5	115	162	70	0.1
79-125-4-22	125	PN 10/16	5	141	192	90	0.1
79-150-4-22	150	PN 10/16	5	169	218	120	0.1
79-200-4-22	200	PN 10/16	6	220	273	110	0.2
79-250-4-12	250	PN10	6	273	328	140	0.3
79-250-4-22	250	PN16	6	273	329	160	0.3
79-300-4-12	300	PN10	6	324	378	160	0.3
79-300-4-22	300	PN16	6	324	384	220	0.3
79-350-4-12	350	PN10	7	356	438	220	0.5
79-350-4-22	350	PN16	7	356	444	280	0.5
79-400-4-12	400	PN10	7	407	489	300	0.7
79-400-4-22	400	PN16	7	407	495	370	0.5
79-450-4-12	450	PN10	7	458	539	275	1.0
79-450-4-22	450	PN16	7	458	539	370	1.0
79-500-4-12	500	PN10	7	508	594	300	1.0
79-500-4-22	500	PN16	7	508	617	500	1.0
79-600-4-12	600	PN10	7	610	695	400	1.1
79-600-4-22	600	PN16	7	610	734	750	1.1
79-700-4-12	700	PN10	8	712	810	450	1.5
79-700-4-22	700	PN16	8	712	810	500	1.5
79-800-4-12	800	PN10	8	813	917	600	2.2
79-800-4-22	800	PN16	8	813	911	650	2.2

Comments:

*) 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.

The designs, materials and specifications shown are subject to change without notice due to the continuous development of our product range.