



AVK RESILIENT SEAT GATE VALVE PN10/16

21/58-001

For Harsh Environments

The 21/58 is a resilient seat, wedge gate valve for isolation purposes. This version has been developed for application in harsh environments or salt laden atmosphere and ground conditions. 300µm coating.

Product description:

Flanged resilient seat gate valve for water and waste water. Temperature range: -10° C to +70° C. Max 10% solid matter. Insulation essential for temperatures of 0° C and below. Maximum Working Pressure: 16 bar (1.6 MPa).

Standards:

- Designed according to BS5163 Type B, Designed according to EN 1074 part 1 and 2
- Face to face according to EN 558 Table 2 Basic Series 3
- BS EN 1092-2:PN16
- WIMES 8.09 Compliant

Test/Approvals:

- Hydraulic test according to EN 1074-1 and 2 / EN 12266
- Approved according to WRAS
- Drinking Water Inspectorate Regulation 31 compliant

Features:

- Cap top as standard.
- The ductile iron wedge, fully vulcanized with EPDM rubber.
- O-ring stem seals replaceable under pressure.
- Fully corrosion resistant construction.
- Blue fusion bonded epoxy coating, in accordance with WIS 4-52-01. Class A 300µm.
- Body, bonnet and gland bolts sealed with hot melt.
- Clock wise to close or clock wise to open version
- WRAS approved.
- Lifting bars.
- For an ISO flange gland version for gearbox and actuator mounting see 21/78.

Safety Note:

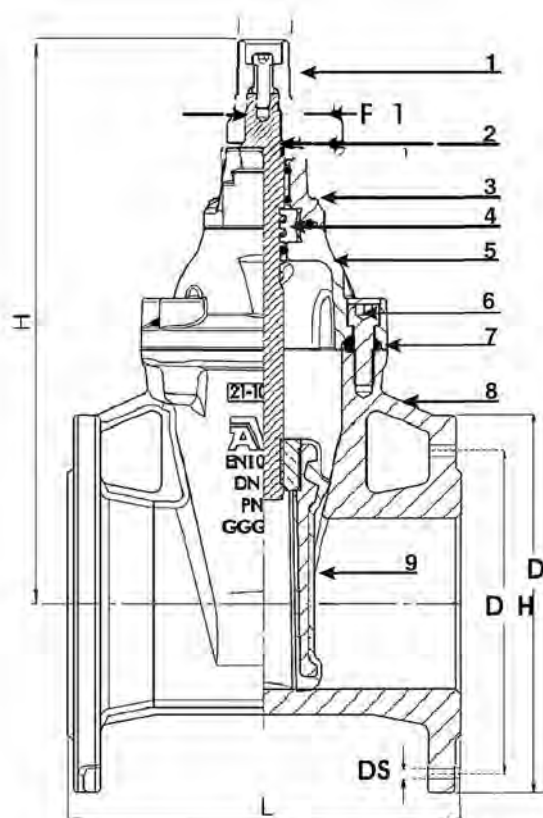
The valves now accommodate lifting bars for the safe handling of valves. These lifting bars are rated to the weight of the bare valve and stem cap (where fitted) only and should not be utilised if the valve is fitted with pipe, mechanical pipe joints, gearboxes, actuators or any other external fitment. AVK will not accept any responsibility for loss or damage if the lifting bars are not used in strict accordance with this guidance.

Accessories:

- Handwheels, tee-keys, extension spindles, full range of flange adaptors and dismantling joints.



Expect... **AVK**


Component list:

1. Stem cap	Grey iron	6. Bonnet bolt	Stainless steel A4
2. Stem	Stainless steel 1.4404	7. Seal	EPDM rubber
3. Gland flange assembly	Ductile iron GJS-500-7 (GGG-50), With stainless steel seat	8. Body	Ductile iron GJS-500-7 (GGG-50)
4. Thrust collar	Brass, DZR	9. Wedge	Ductile iron, EPDM encapsulated
5. Bonnet	Ductile iron GJS-500-7 (GGG-50)		

Components may be substituted with equivalent or higher class materials without prior notification.

Reference nos. and dimensions:

AVK ref. no.	DN	L	H	D	Dh	Closing Direction	Flange drilling	Ds	Bolt No.	F1	Theoretical weight / kg	Turns to open
21-050-58-2141358	50	178	326	165	125	CTC	PN10/16	18	4	19	14	5
21-050-58-3141358	50	178	326	165	125	CTO	PN10/16	18	4	19	14	5
21-080-58-2141358	80	203	339	200	160	CTC	PN10/16	18	8	19	17	7
21-080-58-3141358	80	203	339	200	160	CTO	PN10/16	18	8	19	17	7
21-100-58-2141358	100	229	371	220	180	CTC	PN10/16	18	8	19	24	9
21-100-58-3141358	100	229	371	220	180	CTO	PN10/16	18	8	19	24	9
21-150-58-2141358	150	267	503	285	240	CTC	PN10/16	22	8	24	42	13
21-150-58-3141358	150	267	503	285	240	CTO	PN10/16	22	8	24	42	13
21-200-58-2141358	200	292	592	340	295	CTC	PN16	22	12	27	59	17
21-200-58-3141358	200	292	592	340	295	CTO	PN16	22	12	27	59	17
21-250-58-2141358	250	330	680	405	355	CTC	PN16	26	12	27	85	22
21-250-58-3141358	250	330	680	405	355	CTO	PN16	26	12	27	85	22
21-300-58-2141358	300	356	758	460	410	CTC	PN16	26	12	27	123	26
21-300-58-3141358	300	356	758	460	410	CTO	PN16	26	12	27	123	26