

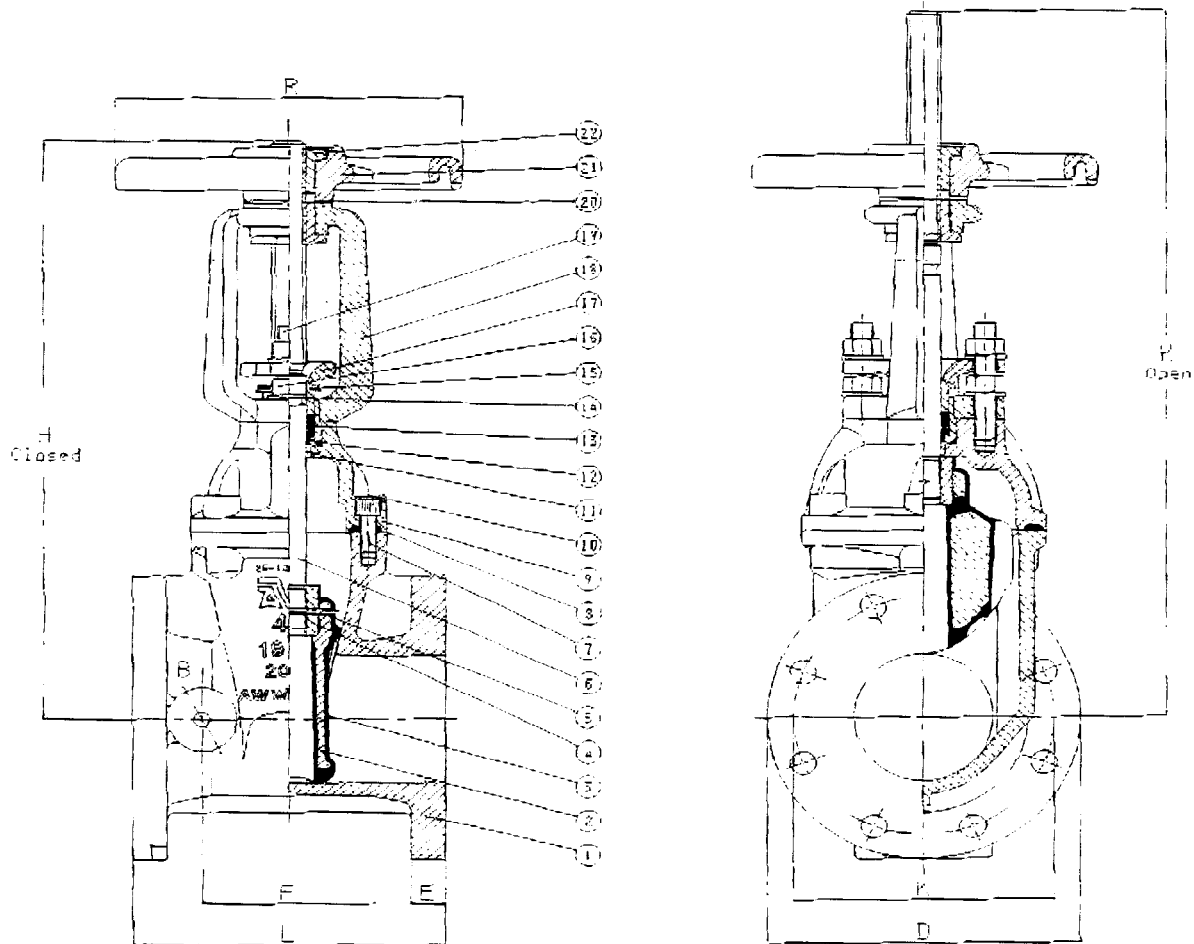
AVK GATE VALVE OS&Y PN 16

25/46

To AWWA C509 (OS&Y) with rising stem
Face to face dimension to ANSI B16.10-1973 class 125
Flanges and drilling to ANSI B16.10-1975 class 125 (See below)

Component list

- | | | |
|------------------|-----------------------|--------------------|
| 1. Valve body | 9. Valve bonnet | 17. Gland follower |
| 2. Wedge body | 10. Bonnet bolt seals | 18. Yoke |
| 3. Wedge | 11. Gland bushing | 19. Stud bolt |
| 4. Stem nut | 12. O-ring | 20. Washer |
| 5. Pin | 13. O-ring | 21. Handwheel |
| 6. Stem | 14. Washer | 22. Stem nut |
| 7. Bonnet screw | 15. Gland | |
| 8. Bonnet gasket | 16. Hexagon nut | |



Ref. nos	DN	H open mm	H closed mm	R mm	L mm	O mm	E mm	Holes	F mm	B mm	Turns to open	Weight kN
25-065-46	65	398	332	229	190	178	18	4	100	51	17	23
25-080-46	80	429	350	229	203	191	20	4	110	51	20	25
25-100-46	100	524	420	279	229	229	25	8	126	51	21	39
25-150-46	150	736	581	330	267	279	27	8	158	64	26	63
25-200-46	200	942	736	356	292	343	29	8	181	64	35	97
25-250-46	250	1138	892	457	330	406	31	12	203	64	37	157
25-300-46	300	1317	1009	457	356	483	33	12	216	76	44	238



SEP

Sale Engineering Products

9 Aston Court, Kingsland Grange, Woolston, Warrington, WA1 4SG

Tel: 01925 810889 Fax: 01925 850332 email: info@saleengineering.co.uk www.firesprinkler.co.uk

To AWWA C509 (OS&Y) with rising stem
Face to face dimension to ANSI B16.10-1973 class 125
Flanges and drilling to ANSI B16.10-1975 class 125 (See below)

Use:

For water, sewage and neutral liquids
to max. 70°C

Tests:

Hydraulic test to AWWA C509:

Seat: 1 x PN
Body: 2 x PN

Operating torque test

Optional extras:

Drilling to ISO 7005-2
(BS EN 1092-2: 1997, DIN 2501)

Approvals:

UL - listed
FM - approved



Materials:

Body and bonnet **DN 65 to 200:** Grey cast iron, GG-25, to DIN 1691 (BS 1452 grade 220/250)

DN 250 and 300: Ductile iron, GGG-50, to DIN 1693 (BS 2789 grade 500-7)

Yoke and gland follower Ductile iron, GGG-50, to DIN 1693 (BS 2789 grade 500 - 7)

Handwheel Grey cast iron, GG-25, to DIN 1691 (BS 1452 grade 220/250)

Coating Electrostatically applied epoxy resin to DIN 30677 - Internally and externally

Stem **DN 65 to 200:** dezincification resistant brass, CZ 132 to BS 2874
DN 250 and 300: Alu-Bronze CA 104

Stem sealing rings Teflon, asbestos free and NBR O-rings

Nut, wedge nut, stem nut, washer Dezincification resistant brass, CZ 132 to BS 2874

Gland bushing, gland nut Polyamide 6.6

Wedge Ductile iron, GGG-50, core fully encapsulated with EPDM rubber with integral wedge nut of dezincification resistant brass, CZ 132 to BS 2874

Pin Stainless steel A2

Gland bolts Zinc coated steel 8.8

Bonnet bolts **DN 65 to 200:** Zinc coated steel 8.8
DN 250 and 300: Carbon steel 12.9

Bonnet gasket EPDM rubber

