

CORROSION RESISTANT VALVES & FITTINGS



## SERIES 21/60 WEDGE GATE VALVE PN25

**The Series 21/60 is a resilient seat, wedge gate valve, rated to PN25, suitable for use with water and neutral liquids, to a maximum temperature of 70°C.**

### Features:

- Ductile iron wedge, fully vulcanised with EPDM.
- O-ring stem seals replaceable under pressure.
- Fully corrosion resistant construction.
- Fusion bonded epoxy coating.
- Body bonnet bolts sealed with wax.
- Bosses for sampling or by-passing.



### Optional Extras

- ▶ Cap top as standard.
- ▶ Handwheel.
- ▶ Electric actuation.
- ▶ Bevel or spur gearboxes.
- ▶ ANSI drillings.



Aqua-Gas AVK Ltd.  
Part of the AVK Group providing Global Solutions.



# SPECIFICATIONS

## SERIES 21/60 WEDGE GATE VALVE PN25.

### SERVICE CONDITIONS

**Maximum Working Pressure:** 25 bar.  
**Temperature Range:** -10°C to +70°C. Insulation essential for temperatures of 0°C and below.

### TESTS

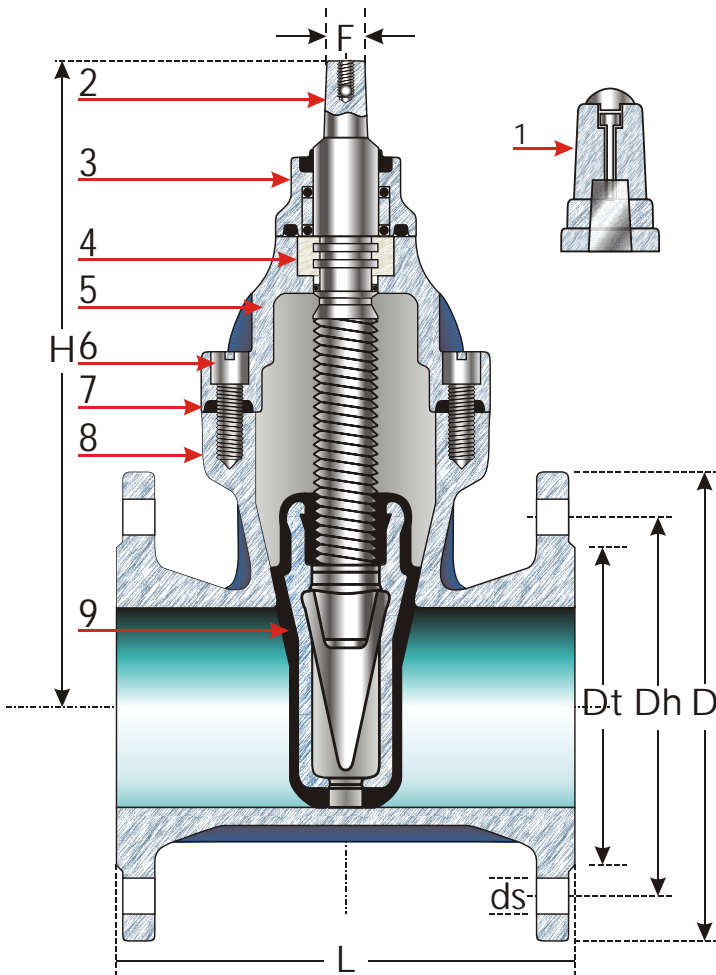
Hydraulic test to BS 5163:  
**Seat:** 1.1 x PN      **Body:** 1.5 x PN      Operating torque test

### MATERIALS OF CONSTRUCTION

No.	DESCRIPTION	MATERIAL
1	Stem Cap	Grey cast iron BS EN 1561GJL-HB-195 complete with Bolt BZP GR 8.8 to BS 4168: Part 1.
2	Stem	Stainless steel, BS 10088-1.No.1.4021.
3	Gland Flange Assembly	Ductile iron BS EN 1563 EN-GJS-500-7 complete with polyamid bushing containing 1 wiper ring + 3 O rings of NBR and 2 bolts cadmium plated Gr 8.8, BS 3692 : 1967.
4	Thrust Collar	DZR brass, BS EN 12164,CW602N.
5	Bonnet	Ductile iron BS EN 1563 EN-GJS-500-7
6	Bonnet Bolts	BZP Gr 8.8, BS 4168 : Part 1 sealed with hot wax.
7	Body, Bonnet O Ring Seal	EDJ-70 rubber, WBS listed.
8	Body	Ductile iron BS EN 1563 EN-GJS-500-7.
9	Wedge Assembly	Ductile iron BS EN 1563 EN-GJS-500-7 Fully encapsulated with EDJ-70 rubber , complete with wedge nut of DZR brass BS EN 12164,CW602N.
<b>Coating</b>		Internal and external, electrostatically applied blue epoxy to WIS 4-52-01 Class B.

### APPLICABLE STANDARDS

To BS 5163: 1986 type B. Stem sealing replaceable under pressure. Overall length to BS 5163 : 1986 (only PN16 Dimension). Flanges and drilling to BS EN 1092-2.



### DIMENSIONS & WEIGHTS

Ref Nos.	DN	L mm	H mm	Dt mm	D mm	Dh mm	ds mm	Holes no.	F mm	Weight kilos
21-050-60X7	50	178	279	98	165	125	19	4	19	16
21-080-60X7	80	203	294	133	200	160	19	8	19	22
21-100-60X7	100	229	324	159	235	190	23	8	19	30
21-150-60X7	150	267	429	214	300	250	28	8	24	52
21-200-60X7	200	292	531	274	360	310	28	12	27	80
21-250-60X7	250	330	614	331	425	370	31	12	27	132
21-300-60X7	300	356	690	389	485	430	31	16	27	180
21-350-60X7	350	381	867	446	555	490	34	16	32	295
21-400-60X7	400	406	867	503	620	550	37	16	32	300

X = 2 for clockwise to close ,3 for clockwise to open.

### UK and EXPORT SALES OFFICE:

Aqua-Gas AVK Limited,  
P.O. Box 143 • Rushmills  
Northampton NN4 7ZU

**Telephone:** 00 44 (0)1604•601188  
**UK Sales Fax:** 00 44 (0)1604•604818  
**Export Sales Fax:** 00 44 (0)1604•609129  
**E-Mail:** info@aquagasavk.co.uk



[www.aquagasavk.co.uk](http://www.aquagasavk.co.uk)

The designs, materials and specifications shown are subject to change without notice due to our continuing programme of product development.