



**JV060010**  
Aquavault  
Ductile Iron  
ISO 5210 Interface  
PN16 Rated  
Resilient Seated  
Gate Valve  
Flanged PN16  
DN80 - DN300



This gate valve is a lightweight, resilient seated full bore gate valve suitable for water works applications, potable water duties and buried service.

The low maintenance design features stem seals that can be replaced under pressure, Integral captive wedge nut for optimal lifespan and wax filled fasteners for corrosion resistance.

This valve is supplied bare shaft with an ISO 5210 mounting plate for interfacing with a variety of actuators and gearbox options.

**Approvals, Features & Benefits**

- WRAS listed materials
- EN1074-1&2 : 2000, BS 5163 Pt 1&2 : 2004
- Face to face to EN558-1, 1986 Table 3
- Clockwise closing spindle as standard
- Low maintenance design
- Suitable for buried service

**Pressure & Temperature**

Pressure range:-  
16 bar

Temperature range:-  
-10°C to 70°C

SIZE	DN80	DN100	DN125	DN150	DN200	DN250	DN300
<b>A</b>	203	229	254	267	292	330	356
<b>B</b>	200	220	250	285	340	400	460
<b>C</b>	280	310	371	400	506	580	670
<b>D</b>	230	260	321	350	446	520	610
<b>Flange PCD</b>	160	180	210	240	295	355	410
<b>Flange Bolts</b>	8 x M16	8 x M16	8 x M16	8 x M20	12 x M20	12 x M24	12 x M24
<b>ISO Mounting</b>	F10	F10	F10	F10	F14	F14	F14
<b>No. of Turns</b>	8	9	11	13	17	21	25
<b>Weight Kg</b>	22	26	43	50	65	95	135

MOUNTINGS	ØD	ØD1	ØD2	ØD3	ØD4	F	H	L	Y	b	d	n
<b>F10</b>	20	130	102	75	12	10	50	40	4	6	6	4
<b>F14</b>	30	175	140	105	19	10	60	50	5.5	8	7	4

**MATERIALS**

<b>Body, Bonnet &amp; Seat Housing</b>	Ductile Iron (EN1563 Gr-500/7)
<b>Spindle</b>	Stainless Steel (EN10088 1.4021)
<b>Wedge</b>	Ductile Iron (EN1563 Gr-500/7) EPDM (WRAS listed) Acetal (WARS listed)
<b>Stem Nut &amp; Thrust Collar</b>	Copper Alloy (EN12164 CW602N)
<b>Bearing</b>	Copper Alloy (EN1982 CC491K)
<b>Fasteners</b>	Stainless Steel (EN10088 1.4301)
<b>Seals</b>	EPDM (WRAS listed)
<b>Coating</b>	Fusion Body Epoxy (> 300µ WRAS listed)

**OPTIONS**

<b>Electric Actuation</b>	<b>Alternative Flange Drillings</b>
<b>Bevel or Spur Gearbox</b>	<b>Anti-clockwise Closing Spindle</b>
<b>By-pass Assembly</b>	