



JV060010

Aquavault

**Ductile Iron
ISO 5210 Interface
PN16 Rated
Metal 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
A	203	229	254	267	292	330	356
B	200	220	250	285	340	400	460
C	280	310	371	400	506	580	670
D	230	260	321	350	446	520	610
Flange PCD	160	180	210	240	295	355	410
Flange Bolts	8 x M16	8 x M16	8 x M16	8 x M20	12 x M20	12 x M24	12 x M24
ISO Mounting	F10	F10	F10	F10	F14	F14	F14
No. of Turns	8	9	11	13	17	21	25
Weight Kg	22	26	43	50	65	95	135

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

MATERIALS

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

OPTIONS

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