



JV060011
Ductile Iron
ISO 5210 Interface
PN16 Rated
Metal Seated
Gate Valve
Flanged PN16
DN350 - DN1200



The JV060011 gate valve is a metal seated full bore gate valve suitable for water, wastewater and sewage duties.

The low maintenance design features stem seals that can be replaced under pressure.

This valve is supplied bare shaft, a reduction spur gearbox is supplied fitted to valves DN700 and above.

Approvals, Features & Benefits

- WRAS listed non-metallic materials
- BS5163, EN1074 & EN1171 standards
- Face to face to EN558-1, Table 3
- Clockwise closing spindle as standard
- Thrust taking integral ISO5210 pad
- Low maintenance design
- Lifting points & flange feet

Pressure & Temperature

Pressure range:-
16 bar

Temperature range:-
-10°C to 70°C

SIZE	DN350	DN400	DN450	DN500	DN600	DN700	DN800	DN900	DN1000	DN1200
A	381	406	432	457	508	610	660	711	811	838
B	265	300	330	365	425	460	520	575	635	750
C	720	790	870	970	1120	1270	1480	1620	1820	2175
D	60	60	60	60	75	75	90	90	90	120
E	490	560	630	700	820	915	1050	1170	1350	1520
Flange PCD	470	525	585	650	770	840	950	1050	1170	1390
Flange Bolts	16 x M24	16 x M27	20 x M27	20 x M30	20 x M33	24 x M33	24 x M36	28 x M36	28 x M39	32 x M45
Weight Kg	235	300	385	495	725	995	1340	1960	2950	4200
No. of Turns	32	36	40	45	53	62	71	79	88	105
ISO Mounting	F16	F16	F16	F16	F25	F25	F30F	F30	F30	F40
Spindle Diameter	40	40	40	40	50	50	60	60	60	80
Spindle Key	12 x 8	12 x 8	12 x 8	12 x 8	14 x 9	14 x 9	18 x 11	18 x 11	18 x 11	22 x 14

MATERIALS	
Body, Bonnet & Wedge	Ductile Iron (EN1503)
Seat, Spindle Nut, Thrust Collars, Air Release & Drain Plugs	Bronze (EN1982 CC491K)
Spindle	Stainless Steel (EN10088 1.4021)
Fasteners	Stainless Steel (EN10088 1.4301)
Seals	EPDM (WRAS listed)
Coating	Fusion Body Epoxy (> 300µ WRAS listed)

OPTIONS	
Handwheel or Stem Cap Operator	Bevel or Spur Gearbox
By-Pass Assembly	T Key
Position Indicator with Optional Switches	Slippers & Guides
Anti-Clockwise Spindles	25 Bar Version
Electric Actuation	Alternative Flange Drillings
Jacking Screws	Rising Spindle