

# FIVC Gate Valve

Ductile Iron – PN 16 – Rising Stem – EN 1092-2



FGA series

## Technical data

### Main features and materials

- Body: Ductile Iron
- Bonnet: Ductile Iron
- Wedge: Ductile Iron+EPDM
- Stem: Stainless Steel
- Handwheel: Ductile Iron
- USP: Ensures durability. Cost efficient
- Design: DIN 3352
- Test standard: EN 12266-1
- Dimensions: Face-to-Face DIN 3202-F4
- Painting: Epoxy resin coating RAL5015  
Thickness 250 Micron
- Flange drilling: EN 1092-2 PN16
- Testing: Shell pressure: 2.4 MPa  
Seal pressure: 1.76 MPa

### Field of applications

- Temperature range: -10 to 120°C
- Max. working pressure: 16 bar

- Water
- HVAC
- Plumbing
- Neutral fluids
- Other various industries

## Description

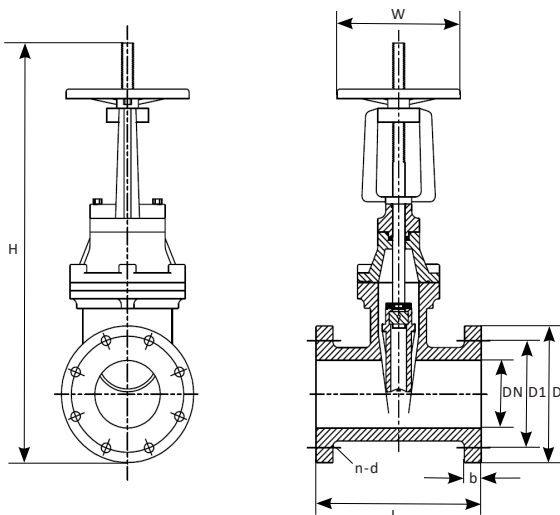
FIVC Gate Valve is designed to be installed in pipelines only for isolating purposes.

Benefits of using gate valves include the feature of good closing along with the minimum pressure loss. Furthermore, the functionality of the valve prevents the water hammer phenomenon and is used for all types of applications - suitable for both above ground and underground installation. The valve can be used for Water.

## Declaration

The product has been inspected and tested in accordance with the European PED Directive N° 2014/68/EU, dated 15/05/2014 and is CE marked.

## Dimensions



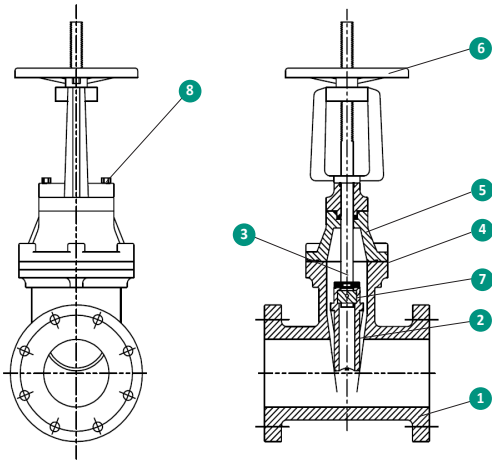
Product code	Size	L	D	D1	W	b	n	d	H	Kg
FGA050N16RB241	50	150	165	125	160	18	4	18	355	9.8
FGA065N16RB241	65	170	185	145	160	18	4	18	388	14
FGA080N16RB241	80	180	200	160	200	18	8	18	452	17
FGA100N16RB241	100	190	220	180	200	19	8	18	479	21
FGA125N16RB241	125	200	250	210	240	19	8	18	613	30
FGA150N16RB241	150	210	285	240	240	19	8	22	643	39
FGA200N16RB241	200	230	340	295	300	22	12	22	806	57
FGA250N16RB241	250	250	405	355	350	22	12	26	1030	95
FGA300N16RB241	300	270	460	410	350	26	12	26	1270	122
FGA350N16RB241	350	290	520	470	460	28	16	26	1500	168
FGA400N16RB241	400	310	580	525	550	30	16	30	1760	215
FGA450N16RB241	450	330	640	585	550	30	20	30	2070	320
FGA500N16RB241	500	350	715	650	550	32	20	33	2180	370
FGA600N16RB241	600	390	840	770	550	36	20	36	2330	560

Dimensions are in millimeters

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## Product Specification



N°	Name	Material
1	Body	Ductile Iron GGG40
2	Disc	Ductile Iron GGG40 + EPDM
3	Stem	Stainless Steel 420
4	Bonnet gasket	EPDM
5	Bonnet	Ductile Iron
6	Hand wheel	Ductile Iron
7	Wedge nut	Brass
8	Bolts and nuts	Stainless Steel