

FIVC Gate Valve

Ductile Iron – PN 16 – Non Rising Stem – WRAS – EN 1092



FGA series



Technical data

Main features and materials

- Body: Ductile Iron
- Bonnet: Ductile Iron
- Wedge: Ductile Iron + WRAS EPDM
- Stem: Stainless Steel
- Handwheel: Ductile Iron
- Testing: BS EN 12266-1
- Dimensions: Shell pressure: 2.4 MPa
Sealing pressure: 1.76 MPa
Face-to-Face acc. to BS 5163
- Drilling: BS EN 1092-2 PN 16
- USP: Drinking water approval
Excellent tightness
Minimum pressure loss
Long lifetime

Field of applications

- Temperature range: -10 to 85 °C
- Non-WRAS: -10 to 100 °C
- Max. working pressure: 16 bar
- Drinking water
- Other various industries

Description

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

The gate valve is approved for drinking water and offers excellent closing characteristics as well as minimal pressure loss.

Furthermore, the functionality of the valve prevents the water hammer phenomenon due to its slow opening and closing, requires less space, and is an economical valve.

The valve can be used for Drinking Water.

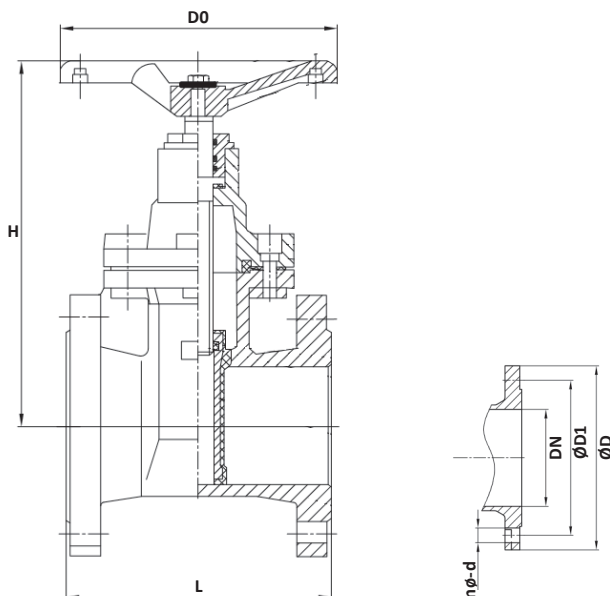
Declaration

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



Dimensions

DN 40-600



Product code	Size	L	H	D1	D	D0	n-φd	Kg
FGA040N16NB231	40	178	230	110	150	160	4-φ19	7.0
FGA050N16NB231	50	178	230	125	165	160	4-φ19	9.0
FGA065N16NB231	65	190	235	145	185	160	4-φ19	11.0
FGA080N16NB231	80	203	275	160	200	180	8-φ19	13.0
FGA100N16NB231	100	229	315	180	220	200	8-φ19	18.0
FGA125N16NB231	125	254	370	210	250	250	8-φ19	29.0
FGA150N16NB231	150	267	410	240	285	250	8-φ23	34.5
FGA200N16NB231	200	292	510	295	340	300	12-φ23	58.0
FGA250N16NB231	250	330	590	355	405	350	12-φ28	86.0
FGA300N16NB231	300	356	665	410	460	400	12-φ28	116
FGA350N16NB231	350	381	785	470	520	500	16-φ28	156
FGA400N16NB231	400	406	895	525	580	500	16-φ31	213
FGA450N16NB231	450	432	970	585	640	500	20-φ31	250
FGA500N16NB231	500	457	1090	650	715	600	20-φ34	340
FGA600N16NB231	600	508	1240	770	840	600	20-φ37	510

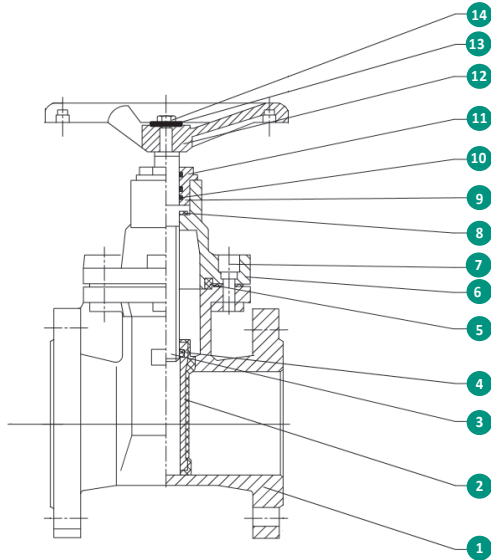
Dimensions are in millimeters

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Product Specification

DN 40-600



N°	Component	Material
1	Body	Ductile Iron GGG 40
2	Wedge	Ductile Iron GGG 40 + WRAS EPDM
3	Stem	Stainless Steel 2Cr13
4	Stem nut	Brass HMn58-2
5	Sealing ring	WRAS EPDM
6	Bonnet	Ductile Iron GGG 40
7	Screw	Gr.8.8
8	Gasket	Brass C83600
9	Gland	Brass HMn58-2
10	O-Ring	WRAS EPDM
11	Dust ring	WRAS EPDM
12	Handwheel	Ductile Iron GGG 40
13	Washer	Stainless Steel SS304
14	Bolt	Stainless Steel SS304