

FIVC Gate Valve

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



FGA series

Technical data

Main features and materials

- Body: Ductile Iron
- Bonnet: Ductile Iron
- Wedge: EPDM
- Stem: Stainless Steel
- Coating: Epoxy RAL 5002
- Handwheel: Ductile Iron
- USP: High tightness
Leakproofness class A acc. to EN 12266-1
Prepared for actuator mounting
Hygienic certificate PZH
- Dimensions: Face-to-Face acc. to DIN 3202 (series F4)

Field of applications

- Max. temperature: 70 °C
- Max. working pressure: 16 bar
- Petrochemical industry
- Irrigation systems
- Mining and infrastructure industries
- Shipyard industry
- Compressed air
- Textile industry
- Mechanical industry
- Steam applications
- 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 Potable Water, Wastewater, and Neutral Liquids respectively.

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.

Product Information

Product code	Size (DN)	H *	L *	OD*	PCD*	D2*	b*	nxd*	W*	C*	□A*	□B*	Ød*	I1*	I2*	Kg
FGA065N16NB60	65	250	170	185	145	118	19	4x19	160	5.0	12.8	13.8	17	20	28	11.8
FGA080N16NB60	80	312	180	200	160	132	19	8x19	200	5.0	14.5	15.6	18	22	27	14.2
FGA100N16NB60	100	335	190	220	180	156	19	8x19	250	6.0	17.0	19.5	24	25	32	18.6
FGA125N16NB60	125	385	200	250	210	184	19	8x19	250	6.0	17.2	19.7	24	25	32	26.6
FGA150N16NB60	150	438	210	285	240	221	19	8x23	320	7.0	18.7	21.7	24	30	40	36.2
FGA200N16NB60	200	543	230	340	295	266	20	12x23	320	7.5	20.0	22.0	26	30	40	58.4
FGA250N16NB60	250	645	250	405	355	319	19	12x28	320	9.0	20.0	22.0	26	30	40	85.4
FGA300N16NB60	300	728	270	460	410	370	19	12x28	360	10.0	20.0	22.0	28	30	40	132
FGA350N16NB39	350	812	290	520	470	429	19	16x28	600	14	30.0	-	38	45	66	182.6
FGA400N16NB39	400	923	310	580	525	480	19	16x31	600	16	30.0	-	38	45	60	262.4
FGA450N16NB39	450	974	330	640	585	548	19	20x31	600	17	35.0	-	42	45	130	320.0
FGA500N16NB39	500	1073	350	715	650	609	20	20x34	730	18	35.0	-	45	45	60	400.0
FGA600N16NB39	600	1254	390	840	770	720	19	20x37	730	18	35.0	-	45	45	60	630.0

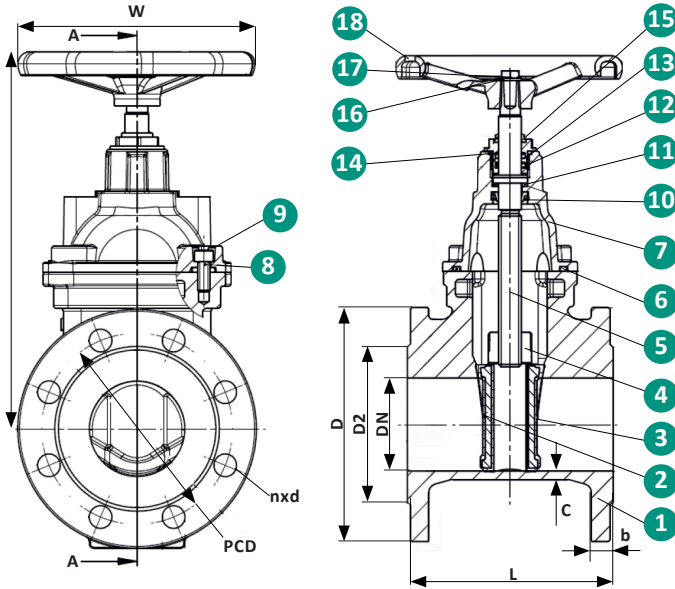
*Dimensions are in millimeters

FIVC Gate Valve

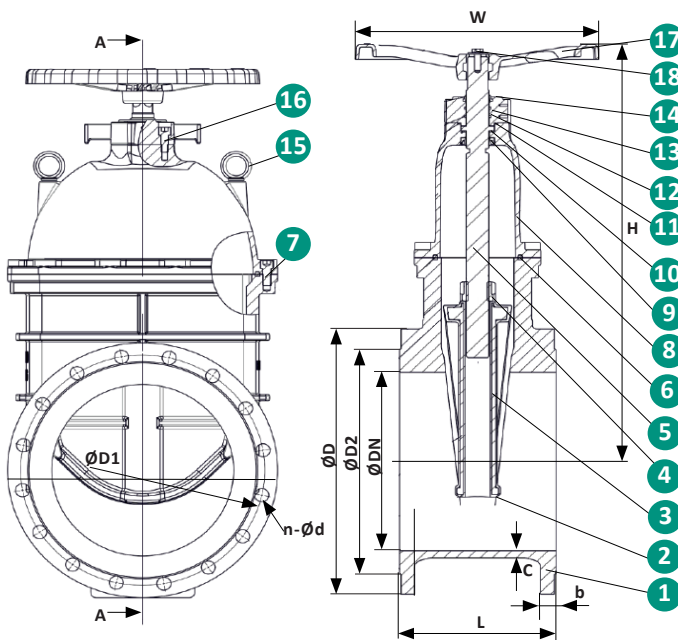
Ductile Iron – PN 16 – Non Rising Stem – EN 1092-2

Product Specification - Dimensions

DN 65-300



DN 350-600



N°	Name	Material
1	Body	Ductile Iron EN-GJS-500-7 JS 1050
2	Wedge casting	Ductile Iron EN-GJS-500-7 JS 1050
3	Cover of wedge	EPDM
4	Threaded bush	DZR Brass CuZn36Pb2As
5	Stem	Stainless Steel X20Cr13
6	Seal Bonnet	EPDM
7	Bonnet	Ductile Iron EN-GJS-500-7 JS 1050 8.8
8	Bolt	C15, C15R, C15E
9	Screw cover cap	Plastic
10	Seal	EPDM
11	Washer	Nylon
12	O-Ring	EPDM
13	Thrust bearing	DZR Brass CuZn36Pb2As
14	O-Ring	EPDM
15	Seal	NBR/EPDM
16	Washer	C15, C15R, C15E
17	Nut	C15, C15R, C15E
18	Handwheel	Ductile Iron EN-GJS-500-7 JS 1050 8.8