



Manufacturer of shut-off and control valves

TECHNICAL DATA SHEET

Wedge gate valve ELEPHANT GVWN1414E-2W-F DN40-300 10/16 bar cast iron, flanged, with ISO-flange and round stem under electric actuator



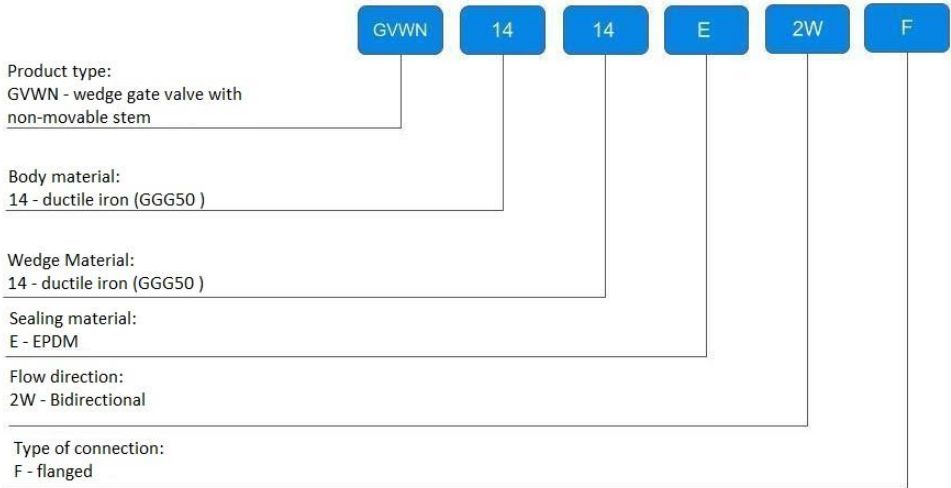
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1. GENERAL INFORMATION ABOUT THE PRODUCT

- 1.1. Product Name: Wedge gate valve ELEPHANT GVWN1414E-2W-F DN40-300 10/16 bar cast iron, flanged, with ISO-flange and round stem under electric actuator.
- 1.2. Purpose: The gate valve is designed for installation on the pipeline as a shut-off device in water supply systems, heat supply systems, heating installations, ventilation and stationary air conditioning. Vertical and horizontal position of the gate valve is allowed.



1.3. Deciphering the designation:



BASIC TECHNICAL DATA AND CHARACTERISTICS

Nominal diameter DN, mm	40 – 300
Nominal pressure, bar	DN40÷150 - 16 DN200÷300 - 10
Flow direction	double-sided
Ambient temperature t, °C	-10 to +120
Tightness in the gate	A
Operating medium	Water and neutral media
Pipeline connection	flanged
Body material	cast iron GGG50
Wedge material	cast iron GGG50+ EPDM
Type of control	under electric actuator
Colors of versions	blue, red

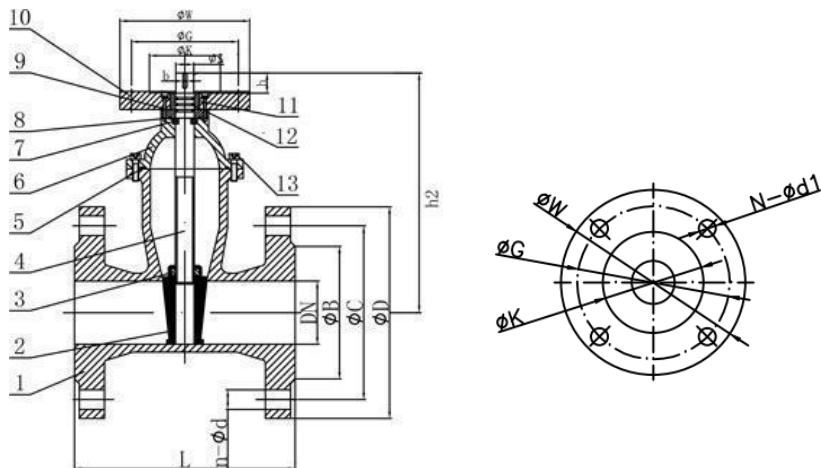


MATERIAL INFORMATION FOR MAJOR PARTS

№	Product Name	Material	№	Product Name	Material
1	Body	Cast iron GGG50	7	Ring	Bronze
2	Wedge	Cast iron GGG50 + EPDM	8	Ring	EPDM
3	Stem nut	Bronze	9, 13	Bolts	Carbon steel
4	Stem	Stainless steel	10	ISO-flange	High-strength cast iron
5	Gasket	EPDM	11	Gland	High-strength cast iron
6	Cover	Cast iron GGG40	12	Ring	EPDM



BASIC DIMENSIONS OF GATE VALVES DN40-100



DN		40	50	65	80	100
L, mm		140	150	170	180	190
D, mm	10 bar	150	165	185	200	220
	16 bar					
C, mm	10 bar	110	125	145	160	180
	16 bar					
B, mm	10 bar	84	99	119	133	154
	16 bar					
n-d	10 bar	4-19	4-19	4-19	4-19	8-19
	16 bar				8-19	
W, mm		125	125	125	125	125
G, mm		102	102	102	102	102
K, mm		70	70	70	70	70
N-d1		4-12	4-12	4-12	4-12	4-12
S, mm		18	18	20	20	20
b, mm		6	6	6	6	6
h, mm		30	30	30	30	30
h2, mm		190	200	215	250	280
weight (kg)		8.8	9	13.4	16.8	20.3



BASIC DIMENSIONS OF GATE VALVES DN125-300

DN		125	150	200	250	300
L, mm		200	210	230	250	270
D, mm	10 bar	250	285	340	405	460
	16 bar					
C, mm	10 bar	210	240	295	350	400
	16 bar				355	
B, mm	10 bar	184	210	265	319	370
	16 bar					
n-d	10 bar	8-19	8-23	8-23	12-23	12-23
	16 bar			12-23	12-28	12-28
W, mm		125	125	175	175	175
G, mm		102	102	140	140	140
K, mm		70	70	100	100	100
N-d1		4-12	4-12	4-18	4-18	4-18
S, mm		20	20	30	30	30
b, mm		6	6	8	8	8
h, mm		30	30	30	30	30
h2, mm		345	385	460	580	640
weight (kg)		27	35.5	59	82	129



FLANGE CONNECTION DIMENSIONS

DN, mm	Stem size, mm	Key size, mm	flange ISO
40	18	6	F10
50	18	6	F10
65*	18 (20)	6	F10
80	18	6	F10
100*	18 (20)	6	F10
125	18	6	F10
150*	18 (20)	6	F10
200*	25 (26) (30.2)	8	F14
250	25	8	F14
300*	25 (30.2)	8	F14

*- possible stem size in parentheses



WARRANTY PERIOD

Warranty period - 12 months from the date of commissioning, but not more than 18 months from the date of sale.

The warranty does not apply:

- parts and materials of the product subject to wear and tear
- for cases of damage caused by:
 - violations of the product storage, installation, testing, operation and maintenance specifications;
 - improper transportation and handling operations;
 - the presence of traces of exposure to substances aggressive to the product materials;
 - presence of damage caused by fire, elements, force majeure circumstances;
 - damage caused by incorrect actions of the consumer;
 - traces of tampering with the design of the product.

SALES MARK

No	Product Name	Packs

Date of sale: _____

L.S.

