

FIG. 113



GATE VALVE Class 800 zGAT



Body material	Nominal pressure	Nominal diameter	Max. temperature
G Forged steel	8 Class 800 136 bar	DN 15-50	425°C



according to Pressure Directive 2014/68/EU
CE marking for DN≥32

FEATURES

- high tightness (leakproofness class A according to EN - 12266 - 1)
- compact settlement
- environment friendly
- tests according to API 598
- length of installation according to MFG standard
- end for welding according to ASME B16.11

APPLICATION*

* not all of the applications are suitable for all material finishes

The website atwww.zetkama.com.pl contains a Chemical Resistance List, which specifies the operational characteristics for a certain medium.

industries



INDUSTRY



SHIPBUILDING
INDUSTRY



HEATING



PETROCHEMICAL
INDUSTRY



POWER
ENGINEERING



CHEMICAL
INDUSTRY

media



GLYCOL



INDUSTRIAL
WATER



DIATHERMIC
OIL



STEAM



COMPRESSED
AIR



NEUTRAL
MEDIA



NATURAL GAS

Subject to design changes.

Edition 01/2023

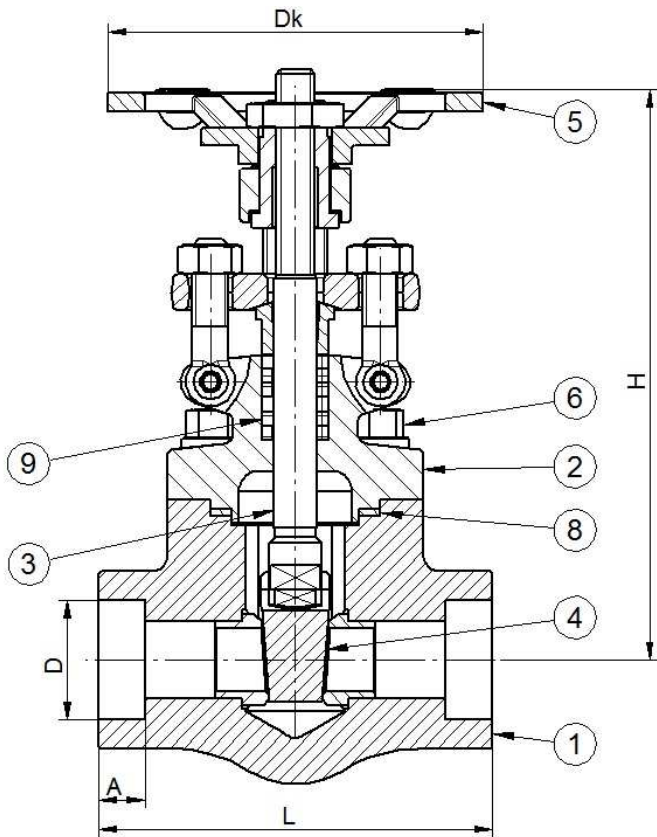
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FIG. 113

MATERIALS, DIMENSIONS



	Body material	G
	Type	01
1	Body	A105N
2	Bonnet	A105N
3	Stem	A182 F6a
4	Wedge	A182 F6a
5	Hand-wheel	A197
6	Screw	A193 B7
8	Cover gasket	spiral wound gasket (steel + graphite)
9	Gland packing	Graphite
Max. temperature		425°C

DN	15	20	25	32	40	50
L (mm)	79	92	111	120	120	140
Dk (mm)	96	96	115	145	145	165
H	165	169	207	230	249	283
E	21.8	27.2	339	42.7	488	61.2
A	10	13	13	13	13	16
Weight (kg)	2	2.2	3.8	5.4	7.2	11.1

FIG. 113

PRESSURE-TEMPERATURE RATINGS

		Temperature [° C]						
Material	Class	-29 < up to <38	93.5	150	204	315	371	425
A105N	800	136.2 bar	124.1 bar	120.7 bar	116.5 bar	100.7 bar	97.9 bar	75.8 bar

Options:
Various configurations are possible upon a customer's request.

TYPE

Figure	Body material	Nominal diameter	Nominal pressure	Type
113	G Forged steel A105N	15-50 mm	8 class 800	01 stem and poppet connection detachable; stem, poppet - stainless steel

FIG. 113

ORDERING

Figure	Body material	Nominal diameter	Nominal pressure	Type
113	G Forged steel A105N	15-50 mm	8 class 800	01 stem and poppet connection detachable; stem, poppet - stainless steel

Order example acc. index

113 G 050 8 01

Gate valve, ends welded, form straight

Forged steel A105N

Nominal diameter (mm)

Nominal pressure Class 800

Gate valve; stem, poppet - stainless steel

113
G
050
8
01

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