



SAUDI PIPES SYSTEMS CO.

GATE VALVE GAS-107 (DI)



Socket End, Resilient wedge Gate Valve,
Full bore ,Inside screw bolted,bonnet,
Fully removable parts,
Free maintenance 100% water tight
Non Rising Stem

Design according to EN-558-1 series 13,
DIN 3202-1 series F16 / ISO 5752-1993
BASIC 13 / BS 3952 for Ductile Iron

Application	For water and neutral liquids to max 80° C
Working Pressure	16 BAR
Working Temperature	80° C (up to + 110° C on request)
Sealing Pressure	16 Bars, according to DIN 3352 part 4, the rubber coating of wedge works always on compression
Sealing on Stem	double packing, replaceable with the valve under pressure and in the fully open position, NBR wiper ring for dust protection above the stem
Operation	By Handwheel, extension spindle, stem cap.
Closing	Clockwise closing (counter clockwise on request)
Wedge	Auto-guided in body, with guide ribs in the wedge with draining hole to avoid retention of water
Socket	Fitted with SBR rubber sealing rings used for Ductile Iron pipes
Coating	Epoxy powder inside and outside, 200-300 microns for potable water

Ductile Iron : GGG 50/40 to DIN EN 1563

Design Mechanical Data, Dimension , Materials and weight are subject to change without notice

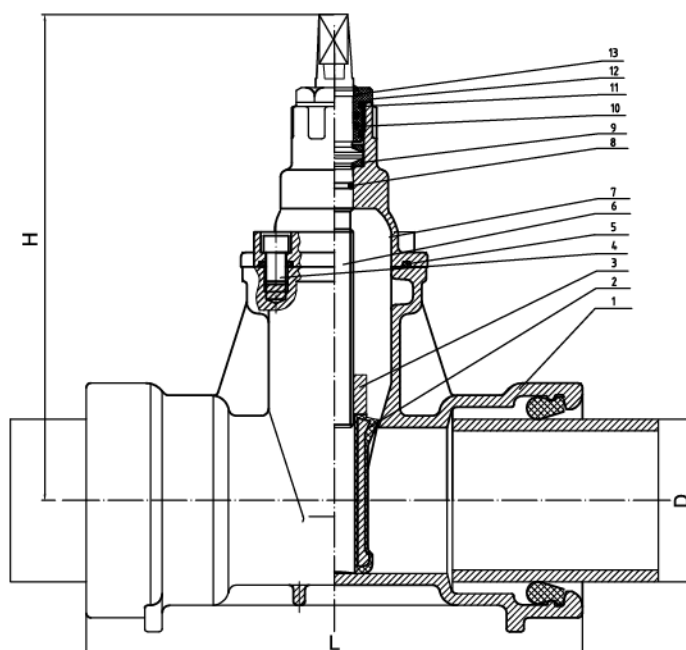


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COMPONENTS LIST :

1	Body	Ductile iron GGG50/40
2	Wedge	Ductile iron GGG50/40 + EPDM
3	Stem Nut	Bronze
4	Screw	ST.Steel 304 / 316 L
5	Bonnet Gasket	EPDM
6	Stem	ST.Steel 304 / 316 L
7	Bonnet	Ductile iron GGG50/40
8	O-Ring	EPDM
9	Washer	Nylon 1010
10	O-Ring	EPDM
11	O-Ring	EPDM
12	Gland Bushing	Brass
13	Ring Wiper	EPDM



DN	L (mm)	D (mm)	H (mm)
100	340	118	359
150	410	118	441
200	352	271	540

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