



SAUDI PIPES SYSTEMS CO.

GATE VALVE GAS-107 (PVC)



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 DIN 3202 part 1 series
F16 and ISO 5752-1993 basic or BS 3952
for PVC pipe according to
SAS 14 - 15 /1396 H DIN 8062

Application	For water and neutral liquids to max 80° C
Working Pressure	16 Bars
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 to used for PVC Pipes
Coating	Epoxy powder inside and outside, 200-300 microns for potable water

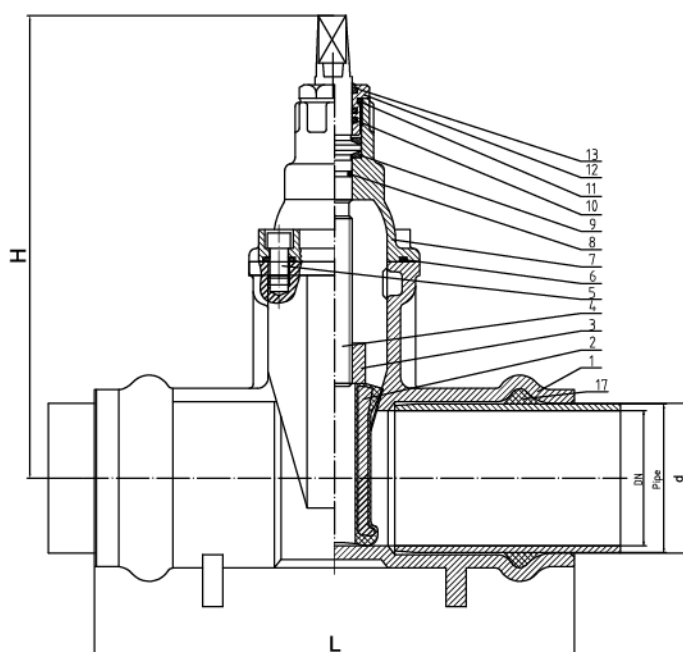
Ductile Iron : GGG 50/40 to DIN EN 1563

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



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COMPONENTS LIST :

1	BODY	Ductile Iron GGG40/50
2	WEDGE	Ductile Iron+ Epdm
3	STEM NUT	Bronze
4	STEM	Stainless Steel 304/ 316 L
5	SCREW	Stainless Steel 304/ 316 L
6	BONNET GASKET	EPDM
7	BONNET	Ductile Iron GGG40/50
8	O-RING	EPDM
9	WASHER	Nylon 1010
10	O-RING	EPDM
11	O-RING	EPDM
12	GLAND BUS	Brass
13	RING WIPER	EPDM

Dimension in mm

DN	Pipe-Ø	L	D	H
50	63	335	63.6	269
65	75	335	75.6	300
80	90	335	90.7	336
100	110	335	110.8	359
150	160	405	161	441
200	200	450	201.2	546
225	225	450	227.5	546
250	250	510	251.5	637
300	315	510	318	719

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