



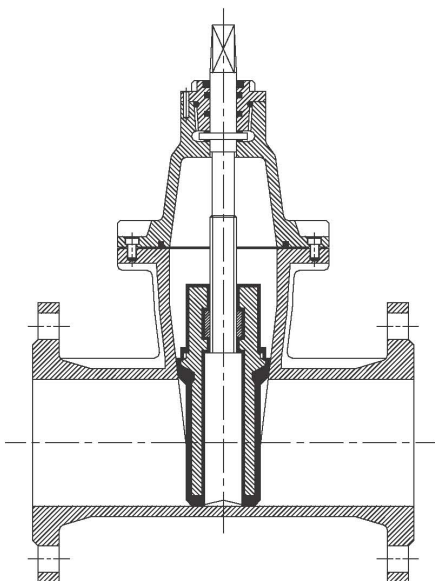
SAUDI PIPE SYSTEMS CO.

GATE VALVE GAF-102



Gate Valves, Resilient seated, full bore,
Inside screw bolted bonnet,
Fully removable part,
Free maintenance, 100% water tight
Non Rising Stem

Design According to BS-5163
BS 5150 / DIN 3230 Part - 4



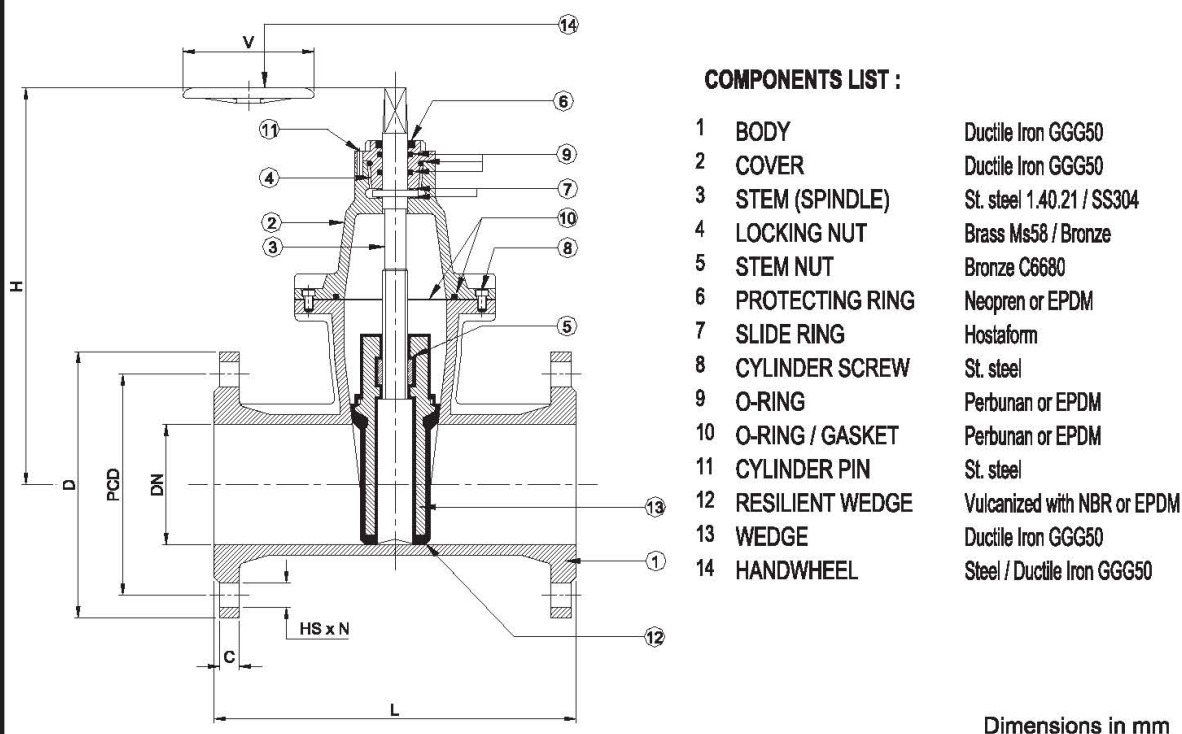
Application	For water and neutral liquids and sewage water
Working Pressure	10 / 16 / 25 Bars
Working Temperature	70° (up to + 110° on request)
Face to Face	According to BS 5163 / DIN : 3202
Flange	According to BS 4504 / DIN 2501 / ISO 2531
Operation	Handwheel, extension spindle, flange adaptor, stem cap
Closing	Clockwise Direction
Wedge	Auto-guided in body with guide ribs ,Wedge with draining hole to avoid retention of water and ice
Sealing Pressure	16 Bars, according to DIN 3230/3-CI, the rubber coating of the wedge works always on compression
Sealing on Stem	Double packing, replaceable with valve under pressure and in the fully open position-with dust seal above the stem
Coating	Epoxy powder inside and outside 200-300 microns,
Ductile Iron	Ductile Iron GGG 50 to DIN EN 1563

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



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PRESSURE TESTING: BODY – (1,5 x PN) SEAT – (1,1 x PN)

DN	50	65	80	100	125	150	200	250	300	
L	BS-5163	178	190	203	229	254	267	292	330	358
	DIN-3202-F4	150	170	180	190	200	210	230	250	270
	DIN-3202-F5	250	270	280	300	325	350	400	450	500
D	165	185	200	220	250	285	340	400	455	
V	200	250	250	300	300	300	350	500	500	
H	225	320	335	380	450	480	600	660	750	
HS PN 10	18	18	18	18	18	22	22	22	22	
HS PN 16	18	18	18	18	18	22	22	26	26	
N-HOLES PN 10	4	4	8	8	8	8	8	12	12	
N-HOLES PN 16	4	4	8	8	8	8	12	12	12	
PCD PN 10	125	145	160	180	210	240	295	350	400	
PCD PN 16	125	145	160	180	210	240	295	355	410	

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