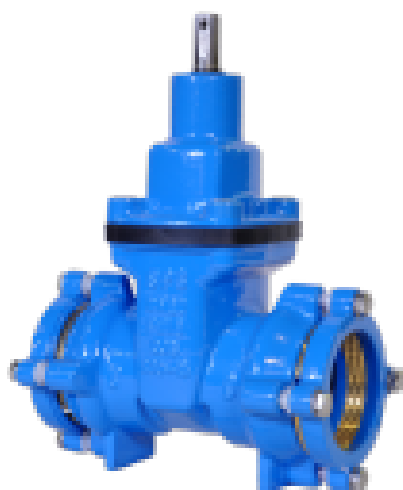




SAUDI PIPE SYSTEMS CO.

GATE VALVE GAS-107 (HDPE)



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

Design according EN 1074 and EN 1171

Application	For water and neutral liquids to max 80° C
Working Pressure	16 BAR
Working Temperature	80° C (up to + 110° 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 and metallic grip used for PE Pipes
Coating	Epoxy powder inside and outside, 200-300 microns for potable water

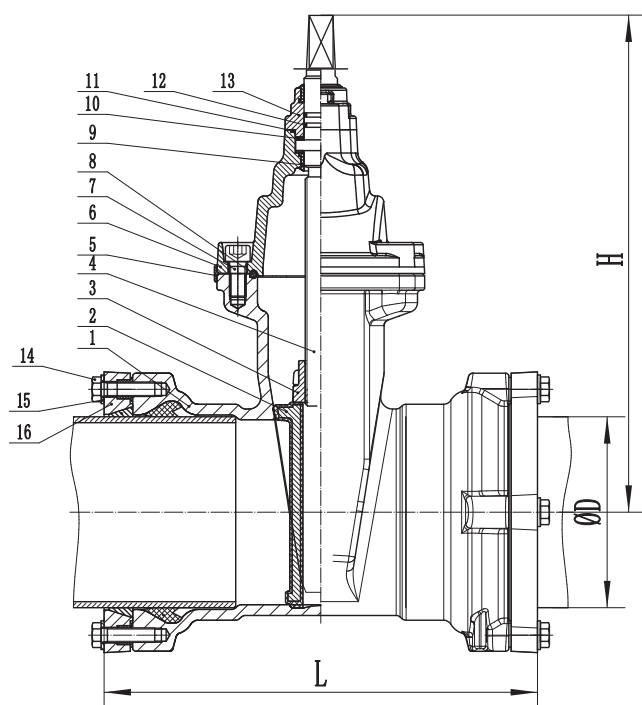
Ductile Iron : GGG 50/40 to DIN EN 1563

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



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COMPONENTS LIST :

1	Body	Ductile Iron GGG 40/50
2	Wedge	Ductile Iron + GGG 40/50 EPDM
3	Stem nut	Bronze
4	Stem	St. steel
5	Protect	EPDM
6	Bonnet	Ductile Iron GGG 40/50
7	Screw	St. steel
8	Sealing ring	EPDM
9	Slide disc	Bronze
10	O-ring	EPDM
11	O-ring	EPDM
12	Upper cover	Ductile Iron GGG 40/50
13	Bonnet gasket	EPDM
14	Grip busher	Bronze
15	Spacer busher	Nylon 1010
16	Lip swal	EPDM

DN	Pipe Ø fM	VALVE					
		DI	t	H	HI	L	B
50	63	124	83	260	322	226	143
65	75	138	85	328	397	240	180
80	90	152	88	336	412	242	180
100	110	174	88	373	460	252	213
	125	195	88	373	470	260	213
125	125	195	90	450	547	280	285
	140	212	96	450	556	278	285
150	160	236	108	162	580	316	285
	180	258	118	162	591	242	285
200	200	284	128	563	705	366	357
	225	314	130	563	720	366	357
250	250	347	147	670	844	400	432
	280	376	150	670	858	420	432
300	315	422	176	753	964	472	518

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