



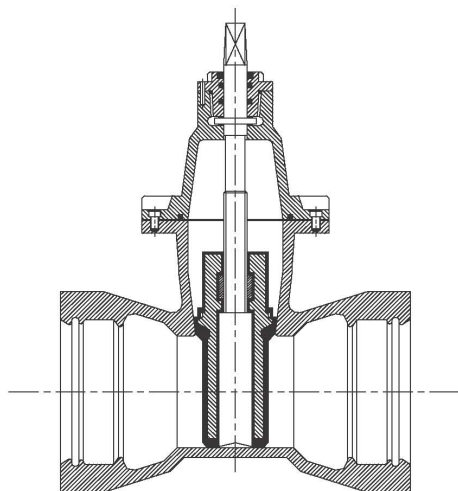
SAUDI PIPE SYSTEMS CO.

GATE VALVE GAS-107 D



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



Ductile Iron : GGG 50 to DIN EN 1563

Application	For water and neutral liquids to max 80° C
Working Pressure	80° C (up to + 110° on request)
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 to suite Ductile Iron pipes
Coating	Epoxy powder inside and outside, 200-300 microns for potable water

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

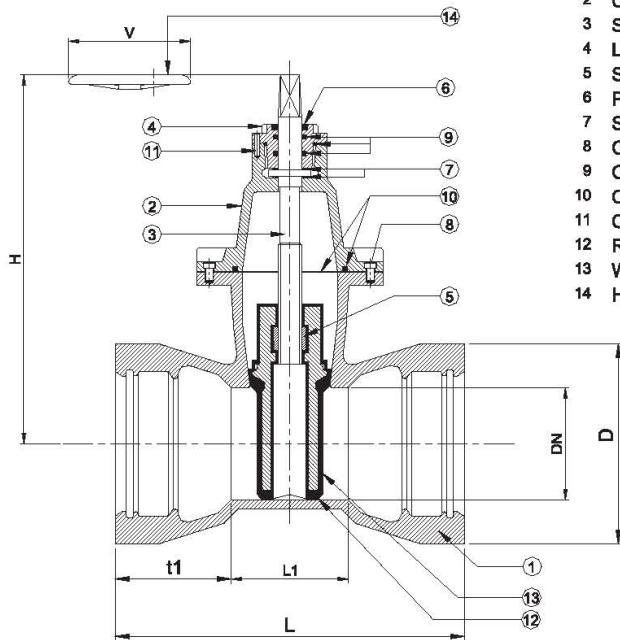
Main Office : Jeddah - Industrial Zone Phase - 4, P. O. Box : 34572 , Jeddah: 21478 - Saudi Arabia ,
Tel +966-2-6370999 / 6081100 Fax +966-2-6365925 / 6379439 E-Mail : spsvalve@sps.net.sa , Web site :www.saudivalve.com



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COMPONENTS LIST



- | | | |
|----|-----------------|-----------------------------------|
| 1 | BODY | Ductile Iron GGG50 |
| 2 | COVER | Ductile Iron GGG50 |
| 3 | STEM (SPINDLE) | St. steel 1.40.21 / SS 304 |
| 4 | LOCKING NUT | Ductile Iron or Brass Ms58/Bronze |
| 5 | STEM NUT | Bronze C6680 |
| 6 | PROTECTING RING | Neopren or EPDM |
| 7 | SLIDE RING | Hostaform |
| 8 | CYLINDER SCREW | St. steel |
| 9 | O-RING | Perbunan or EPDM |
| 10 | O-RING / GASKET | Perbunan or EPDM |
| 11 | CYLINDER PIN | St. steel |
| 12 | RESILIENT WEDGE | Vulcanized with NBR or EPDM |
| 13 | WEDGE | Ductile Iron GGG50 |
| 14 | HANDWHEEL | Steel / Ductile Iron GGG50 |

DN	D	L	L1	t1	H
80	141	282	114	84	280
100	161	303	127	88	320
125	188	322	140	91	375
150	215	328	140	94	425
200	271	352	152	100	540

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