



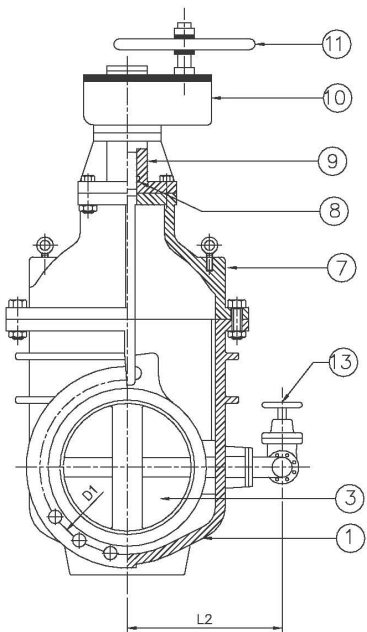
SAUDI PIPE SYSTEMS CO.

GATE VALVE GAF-104 M



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

Design According to DIN 3352,
AWWA C-500 & BS 5163



| | |
|----------------------------|---|
| Application | For water, sewage and waste water plant |
| Working Pressure | 10 / 16 / 25 Bars |
| Working Temperature | 120° C |
| Face to Face | BS 5163 / DIN 3202 F5 / DIN 3202 F4 |
| Flanges | According to DIN 2501= ISO 2531, drilled PN10, PN16 BS 4504 PN10, PN16 |
| Operation | By Handwheel / Electric Motor / Pneumatic Actuator. |
| Closing | Clockwise closing (counter-clockwise on request) |
| Sealing Pressure | 10 / 16 Bar, according to DIN 3230 / EN 12266-1 |
| Sealing on Stem | Gland packing, replaceable with valve under pressure |
| Coating | Epoxy Coating inside and outside, 200 - 300 microns |

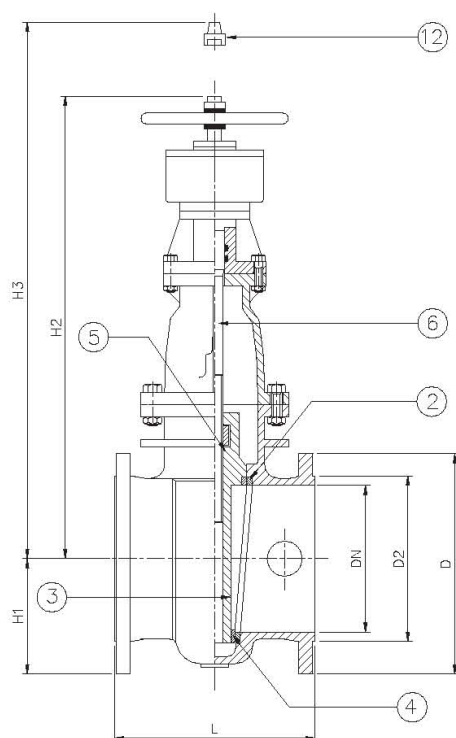
Ductile Iron : To DIN EN 1563

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



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Components List

| | |
|------------------|------------------------|
| 1. Body | DCI GGG50 / GGG40 |
| 2. Body seat | SS304 / Bronze / SS316 |
| 3. Wedge | DCI GGG50 / GGG40 |
| 4. Wedge seat | SS304 / Bronze / SS316 |
| 5. Stem nut | Bronze |
| 6. Stem | SS304 / SS410 / SS316 |
| 7. Bonnet | DCI GGG50 / GGG40 |
| 8. O ring | NBR/EPDM |
| 9. Suffing box | DCI GGG50 |
| 10. Gear box | CI GG25 / GGG50 |
| 11. Handwheel | DCI GGG50 |
| 12. Cap | DCI GGG50 |
| 13. Bypass valve | DCI GGG50 |

Option :

1. Gear Box
2. By Pass Valve

| DN | L | | H1 | H3 | D | D1 | D2 | n-d |
|------|------|--------|-----|------|------|------|------|-------|
| | DIN | BS5163 | | | | | | |
| 350 | 550 | 381 | 285 | 980 | 520 | 470 | 429 | 16-23 |
| 400 | 600 | 406 | 320 | 1229 | 580 | 525 | 480 | 16-31 |
| 450 | 650 | 432 | 350 | 1310 | 640 | 585 | 548 | 20-31 |
| 500 | 700 | 457 | 390 | 1410 | 705 | 650 | 609 | 20-34 |
| 600 | 800 | 508 | 470 | 1573 | 840 | 770 | 720 | 20-37 |
| 700 | 900 | 610 | 495 | 1796 | 910 | 840 | 794 | 24-37 |
| 800 | 1000 | 660 | 540 | 1916 | 1020 | 950 | 901 | 24-40 |
| 900 | 1100 | 711 | 645 | 2378 | 1120 | 1050 | 1001 | 28-40 |
| 1000 | 1200 | 811 | 680 | 2680 | 1255 | 1170 | 1112 | 28-43 |
| 1200 | | 960 | 790 | 2860 | 1485 | 1390 | 1328 | 32-49 |
| 1400 | | 1060 | 850 | 3700 | 1685 | 1590 | 1530 | 36-45 |
| 1600 | | 1100 | 920 | 4060 | 1930 | 1820 | 1750 | 40-52 |

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