



DESIGN FEATURES

- * The Gate Valve function is to isolate or sectionalize any piece of equipment or length of pipeline system.
- * It is normal practice, therefore, to use them on suction and delivery branches of pumps at regular intervals along a pipeline, at branches underneath air valves, on bypasses, on drains or washouts etc.
- * They have a low head loss coefficient, hence are ideal on pump installation to maximize system efficiency.

OPERATION

- * Valves are generally supplied with cap top or handwheel, Rising or Non-Rising stem.
- * Certain flow conditions may necessitate the use of bypass arrangements.
- * Gear or chainwheel operation, Electric or hydraulic actuators may also be fitted during manufacture or retro fitted at a later date.

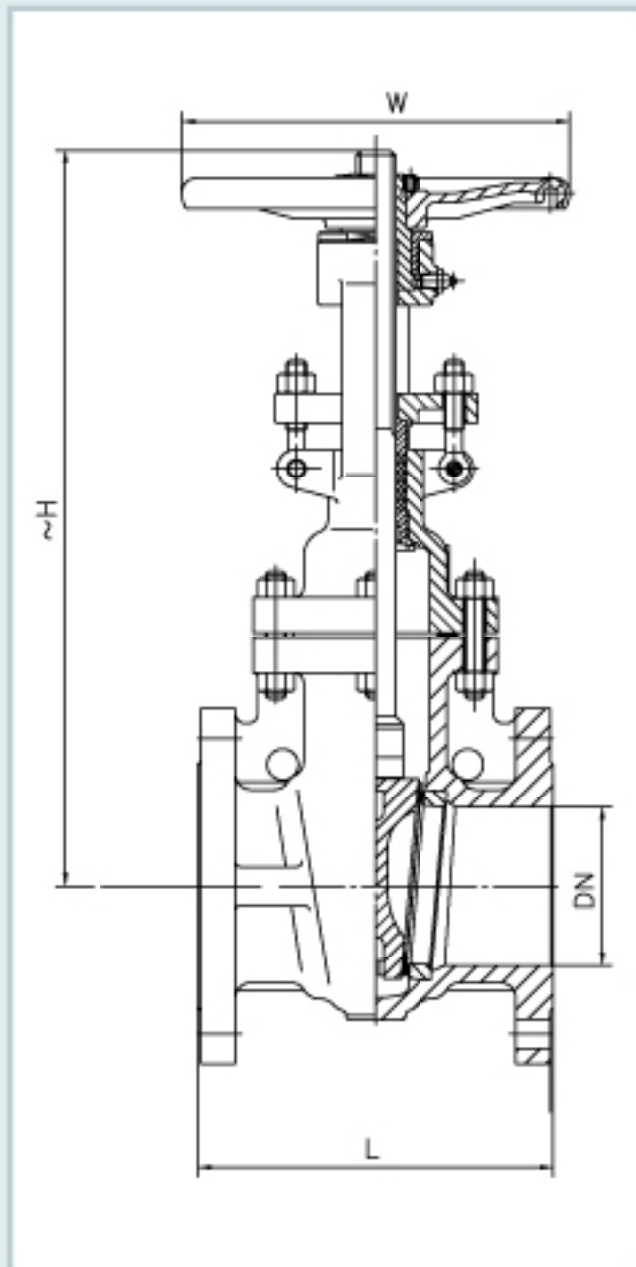
WATERFRONT FLUID CONTROLS WATERFRONT ENGINEERING SERVICES

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SPECIFICATIONS



APPLICATION

- * Designed specially for applications where a tight shut off is required and to cope with arduous operating conditions.
- * Valve suitable for above and below ground service with potable water, sea water, sewage, oils, alkalies and dilute acids, etc.

PRESSURE RATING

- * PN16, PN25, PN40, PN64, PN100 are available.

END FLANGE

- * BS EN1092-2, ANSI, DIN or other flange requirements on request.
- * The face-to-face dimensions shall be in accordance with EN558-1

VALVE FINISH

- * Protection inside and outside by Epoxy Coating complying with BS6920.
- * Other finishes available to suit various service mediums.

TESTING

- * Each valve shall be pressure tested prior to dispatch in accordance with EN12266-1

DIMENSIONS & WEIGHTS

DN mm	L mm	H mm	W mm
40	165	390	200
50	178	400	200
65	191	490	200
80	203	508	250
100	229	585	300
150	267	773	350
200	292	955	350
250	330	1160	400
300	356	1373	450
350	381	1569	500
400	406	1765	600
450	432	1978	600
500	457	2219	680
600	508	2611	720

MAJOR COMPONENT

Body / Bonnet / Disc	- Cast Steel to BS1504 - Stainless Steel to CF8+F316
Stem	- Stainless Steel to BS970-431S29 - Stainless Steel to BS970-316
Stem Nut	- Aluminum Bronze to BS EN1982-CC331G - Stainless Steel to BS970-316
Disc Ring and Seat Ring	- Aluminum Bronze to BS EN1982-CC331G - Stainless Steel to BS970-316

Other materials available on request