



**Metal seated gate valves, designed according to EN 1074 part 1 & 2
Face to face according to EN 558 table 2 basic series 3
Standard flange drilling to EN 1092-2 (ISO 7005-2)**

Use:

For water, to max. 70°C

Test:

Hydraulic test to ISO 5208

Seat: 1.1 x PN

Body: 1.5 x PN

Optional extras:

Hand wheel, worm gear .

Marking:

DN, PN, casting no. and body material.

Materials

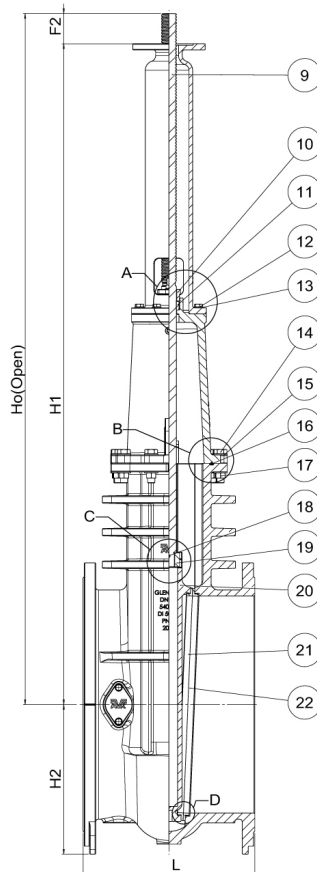
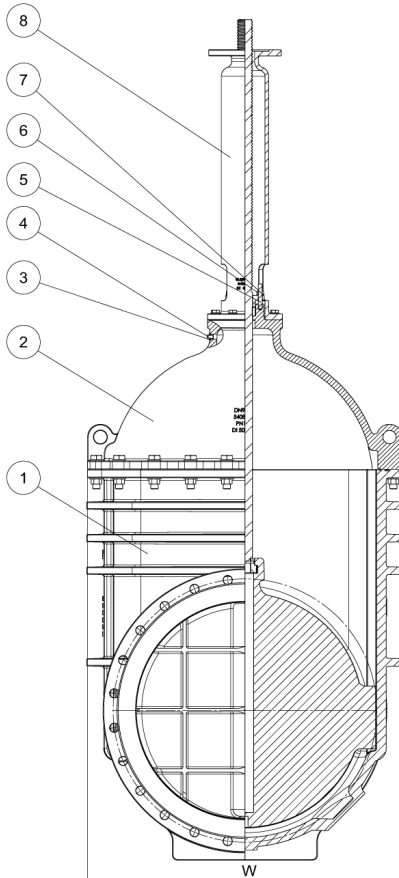
Body	Ductile iron
Bonnet	Ductile iron
Wedge	Ductile iron
Seat/Face ring	Aluminium bronze
Stem	Stainless steel
Pulg	Brass
O-ring	EPDM
Fasteners	Zinc plated mild steel



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Component list

- | | | | |
|--------------|-------------|-----------------|--------------------|
| 1. Body | 8. Stool | 15. Washer | 22. Seat ring |
| 2. Bonnet | 9. Stem | 16. O-cord | 23. O-ring |
| 3. Gasket | 10. Gland | 17. Nut | 24. Blanking plate |
| 4. Plug | 11. Packing | 18. Tension pin | 25. Bolt |
| 5. Stud bolt | 12. Bolt | 19. Wedge | |
| 6. Nut | 13. Washer | 20. Wedge nut | |
| 7. Washer | 14. Bolt | 21. Face ring | |

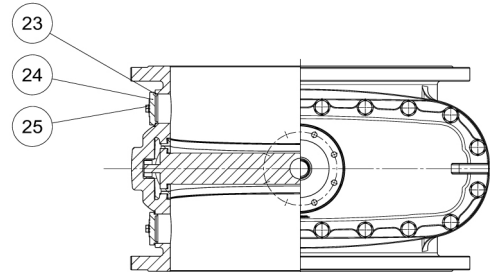


A. Stem sealing
 Seal is by conventional stuffing box with ample depth to ensure long life to the PTFE packing.

B. Body/bonnet connection
 The assembly of the valve body and bonnet ensures a durable tightness:
 A round rubber bonnet O-cord fits into a recess in the bonnet preventing it from being blown out by pressure surges.

C. Wedge nut
 The wedge nut is made of bronze with lubricating abilities providing optimum compatibility with the stainless steel stem.

D. Wedge
 The wedge is made from ductile iron with bronze face rings which are machined to a fine surface finish to ensure optimum contact seal with body seat rings.
 The wedge face rings are accurately machined and firmly secured to the wedge. The guides in the wedge ensure uniform closure regardless of high pressures.
 The wedge has a large through bore housing the stem that ensures no stagnant water or impurities can collect.



Ref.no.	DN	L	H1	H2	Ho	W	F2	ISO	Weight
		mm	mm	mm	mm	mm	mm		Kgs
54-0700-31-X106100	700	610	2173	455	2913	1050	105	14	1500
54-0800-31-X106100	800	660	2483	535	3383	1160	125	14	2000
54-0900-31-X106100	900	711	2763	596	3723	1310	125	16	2700

X=0 PN10
 X=1 PN16

