

To AWWA C509 (OS&Y)
Flanged Ends to ANSI B 16.1, class 125
Valve Sizes 2 1/2" through 12"

Utilization:

For water and neutral liquids
 to max. 160° F

Tests:

Hydraulic test to AWWA C509
 Shell test: 400 PSI
 Seat test: 200 PSI
 Operating torque test

Options:

Flanged end/s can be tapped and
 plugged

Approvals:

UL - listed
 FM - approved
 ULC - listed


Materials:

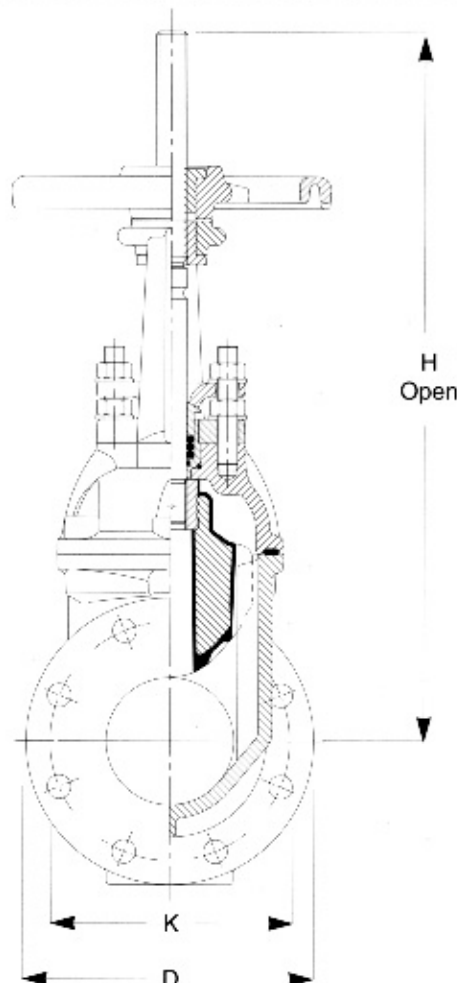
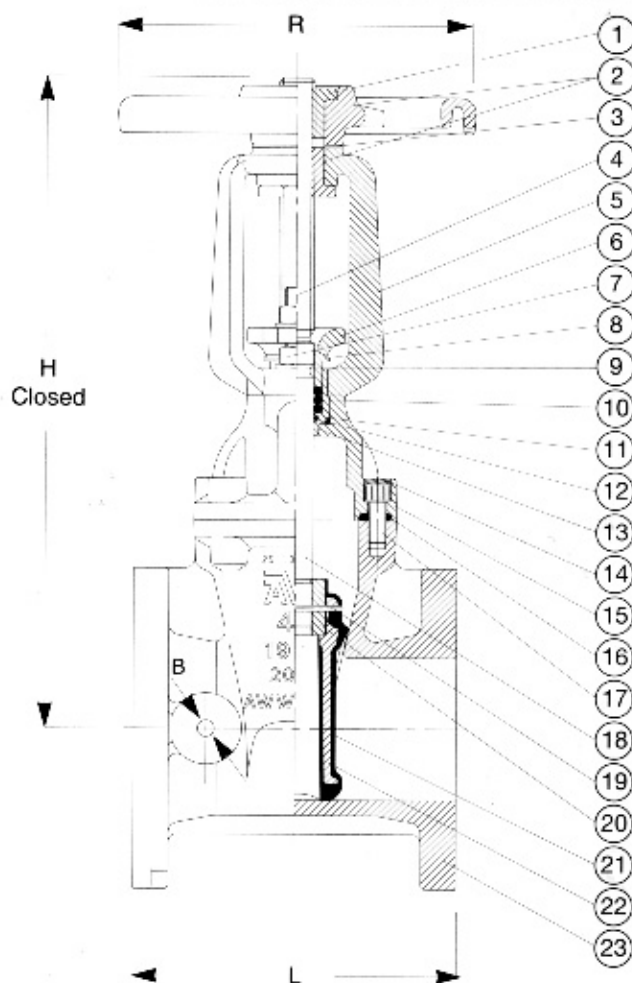
Body	2 1/2" to 10" : Cast iron 12" : Ductile iron
Bonnet, Handwheel	Cast iron
Yoke, Gland follower	Ductile iron
Coating	Fusion bonded epoxy inside and out. Meets or exceeds AWWA C550.
Stem	Bronze, Low zinc bronze available
Handwheel washer, Wedge nut 2-piece stem nut	Bronze
Wedge	Ductile iron core vulcanized inside and out with SBR
Bonnet bolts	2 1/2" - 8": Stainless steel, sealed with hot melt 10" and 12": Black coated steel, sealed with hot melt
Stud bolts, washers, Nuts	Zinc coated steel
Bonnet gasket O-Rings, Stem seal O-Rings	Buna "N"
Stem seal gland, Gland bushing	Akulon



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Component list

- | | | |
|--------------------------|----------------------------------|-----------------------|
| 1. Stem nut (two pieces) | 9. Washers | 17. Bonnet bolts |
| 2. Handwheel | 10. Stem seal o-rings | 18. Stem |
| 3. Handwheel washer | 11. Internal bushing o-ring seal | 19. Wedge pin |
| 4. Stud bolts | 12. Bushing | 20. Wedge nut |
| 5. Yoke | 13. External bushing o-ring seal | 21. Wedge, vulcanized |
| 6. Gland follower | 14. Bonnet bolt seals | 22. Wedge body |
| 7. Nuts | 15. Valve bonnet | 23. Valve body |
| 8. Gland | 16. Bonnet gasket | |



Ref. nos.	Size	B	D	H (open)	H (closed)	K	L	R	Flange Holes	Turns to open	Weight Lbs.
25-065-46	2 1/2"	2"	7"	15 3/8"	13 1/8"	5 1/2"	7 1/2"	9"	4	17	50
25-080-46	3"	2"	7 1/2"	16 7/8"	13 3/4"	6"	8"	9"	4	20	55
25-100-46	4"	2"	9"	20 5/8"	16 1/2"	7 1/2"	9"	11"	8	21	85
25-150-46	6"	2 1/2"	11"	29"	22 7/8"	9 1/2"	10 1/2"	13"	8	26	139
25-200-46	8"	2 1/2"	13 1/2"	37 1/8"	29"	11 3/4"	11 1/2"	14"	8	35	214
25-250-46	10"	2 1/2"	16"	44 7/8"	34 3/4"	14 1/4"	13"	18"	12	37	346
25-300-46	12"	3"	19"	51 7/8"	39 3/4"	17"	14"	18"	12	44	525