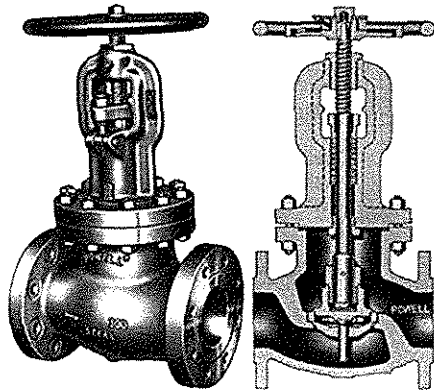


# CAST STEEL GLOBE and ANGLE VALVES



**Fig. 3031**

Flanged

Fig. 3031 WE-Welding  
Globe Valve

Sizes, 2" through 24"  
Above 12" Data on Request

**Fig. 3033**

Flanged

Fig. 3033 WE-Welding  
Angle Valve

Sizes, 2" through 8"

## FEATURES

- Discs are retained to the stem by a disc locknut and are fully guided. The spindle on the under side of the disc is guided through a bridge cast integral with the seat, assuring better alignment and uniform seating at all times
- Valves are furnished with a back seat arrangement in the bonnet

# CLASS 300 BOLTED FLANGED BONNET FLANGED and WELDING ENDS

PRESSURE/TEMPERATURE RATINGS  
In accordance with ASME B16.34

## MATERIALS

DESCRIPTION	MATERIAL	ASTM Spec.
Handwheel Nut	Steel	A-563, Grade A or B
Handwheel	Malleable Iron	A-47, Grade 32510
Upper Bushing	Ductile Ni-Resist	A-439, Type D2C
Bushing Set Screw	Steel	Commercial
Eyebolts & Nuts	Steel	A-307, Grade B
Gland	Steel	A-108, Gr. 1015/1025
Gland Flange	Steel	Commercial
Packing Washer	Steel	A-108, Grade 1015/1025
Bonnet	Carbon Steel	A-216, Grade WCB
Packing	Grafoil	Commercial
Body Nuts	Steel	A-194, Grade 2H
Body Studs	Steel	A-193, Grade B7
Gasket (Double Jacketed)	Soft Iron/Steel*	Commercial
Back Seat Bushing	Stainless Steel	† A-276, Type 410
Stem	Stainless Steel	† A-276, Type 410
Disc Nut	Stainless Steel	† A-217, Grade CA15
Disc (2"-6")	Stainless Steel	A-217, Grade CA15
Disc (8"-12")	Carbon Steel/13% Chrome Facing	A-216, Grade WCB
Seat Ring	Stainless Steel/ Stellite Facing	A-217, Grade CA15
Body	Carbon Steel	A-216, Grade WCB
Thrust Washer	Nitalloy	AMS 6470E

\*Non-Asbestos Insert

†Or Equal

## SPECIFICATIONS

- Flanged and Butt Welding End Globe and Angle valves have dimensions in accordance with ASME B16.5, B16.10, B16.25 and B16.34

## ORDERING

- When ordering other than standard Butt Welding End valves, specify schedule of pipe and give complete data concerning style, figure number and contour of weld ends

## DIMENSIONS (Inches)

Size	2	2 1/2	3	4	6	8	10	12	14 thru 24
O	10 1/2	11 1/2	12 1/2	14	17 1/2	22	24 1/2	28	Data On Request
R (F.E.)	5 1/4	5 3/4	6 1/4	7	8 3/4	11	—	—	—
N	10 1/2	11 1/2	12 1/2	14	17 1/2	22	24 1/2	28	—
R.(W.E.)	5 1/4	5 3/4	6 1/4	7	8 3/4	11	—	—	—
V	8	9	10	13	18	22	26*	30*	—
A	18	19 1/2	20 3/4	24 1/2	31 1/4	37 3/4	44 1/2	47 3/8	—
D	2.07	2.47	3.07	4.03	6.07	7.98	10.02	12.00	—

## WEIGHTS (Pounds)

Fig. 3031.....	60	93	113	173	325	481	686	837	—
Fig. 3031WE..	47	74	85	132	267	411	605	680	—

