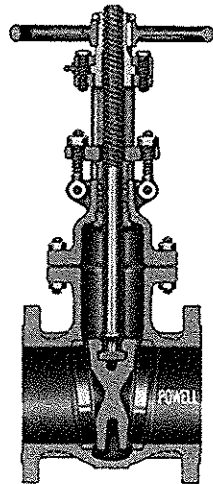


# CAST STEEL GATE VALVES



**Fig. 1503**

Flanged

Fig. 1503WE - Welding  
Sizes, 2" through 14"

For Sizes, 16" through 60" see page 36

## FEATURES

- Flexible Wedge insures pressure tightness and reduces operating torque needed to open the valve. Solid Wedges are furnished in valves sizes 2" and 2 1/2"
- Stellite faced Seat Rings are welded into the body. This provides a positive no-leak seal of the ring in the valve body and will resist corrosion, erosion and galling
- Bonnet permits easy installation of an actuator, adapto gearing, cylinder or motor
- Valves are furnished with a back seat bushing arrangement in the bonnet
- Valves, sizes 2" and 2 1/2" have square bonnets and nested gasket

## CLASS 150

### BOLTED FLANGED YOKE-BONNET OUTSIDE SCREW RISING STEM FLANGED and WELDING ENDS

#### PRESSURE/TEMPERATURE RATINGS

In accordance with ASME B16.34

#### MATERIALS

DESCRIPTION	MATERIAL	ASTM Spec.
Handwheel Nut	Malleable Iron	A-47, Grade 32510
Handwheel	Malleable Iron	A-47, Grade 32510
Handwheel Key	Steel	A-108, Grade 1015/1025
Stem Bushing Locknut (2"-4")	Malleable Iron	A-47, Grade 32510
Bonnet	Carbon Steel	A-216, Grade WCB
Lubricant Fitting	-	Commercial
Stem Bushing	Ductile Ni-Resist	A-439, Type D2
Stem	Stainless Steel	† A-182, Grade F6a
Eyebolt Nuts	Steel	A-563, Grade A or B
Gland Flange	Steel	AISI 1030
Gland	Steel	A-108, Grade 1015/1025
Groov-Pins	Steel	Commercial
Eyebolts	Steel	A-307, Grade B
Packing	Grafoil	Commercial
Body Nuts	Steel	A-194, Grade 2H
Body Seat Bushing	Stainless Steel	† A-276, Type 410
Body Studs	Steel	A-193, Grade B7
Gasket (Corrugated)	Stainless Steel/Graphite Coated	Commercial
Body	Carbon Steel	A-216, Grade WCB
Seat Rings	Steel/Stellite Facing	A-519, Grade 1015/1025
Wedge	Stainless Steel or Carbon Steel/13% Chrome Facing	A-217, Grade CA15 A-216, Grade WCB
Cap Screws (6"-14")	Steel	A-449
Bearing Cap (6"-14")	Malleable Iron	A-47, Grade 32510

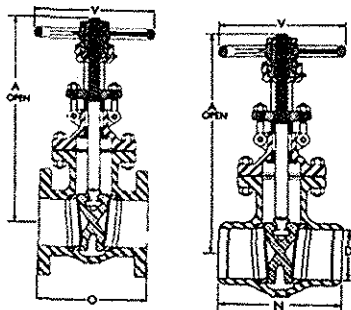
†Or Equal

## SPECIFICATIONS

- Flanged and Butt Welding End valves conform to ANSI B16.5, B16.10, B16.25, B16.34 and API 600
- Flanged End valves can be furnished with ring joint flanges

## ORDERING

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



## DIMENSIONS (Inches)

Size	2	2 1/2	3	4	6	8	10	12	14
O	7	7 1/2	8	9	10 1/2	11 1/2	13	14	15
N	8 1/2	9 1/2	11 1/8	12	15 7/8	16 1/2	18	19 3/4	22 1/2
A	14 5/8	15 7/8	18 1/8	22 1/8	31	39	47 1/4	55 1/2	65 1/2
V	8	8	9	10	12	14	16	20	22
D	2.067	2.469	3.068	4.026	6.065	7.981	10.02	12.00	13.25

## WEIGHTS (Pounds)

Fig.1503	35	50	80	110	190	310	490	700	990
Fig.1503WE	30	40	70	100	180	270	450	640	1015