

CAST STEEL GATE VALVES

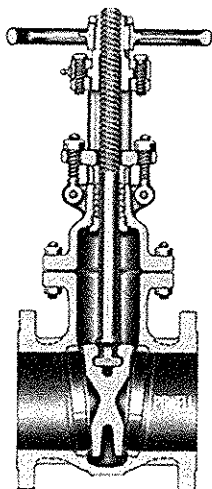


Fig. 1503

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	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

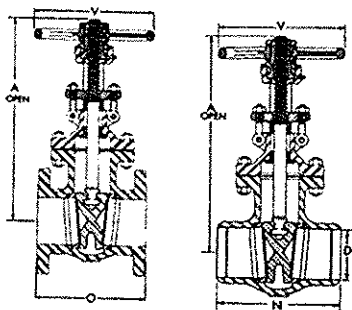
†Or Equal

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