

CAST STEEL GATE VALVES

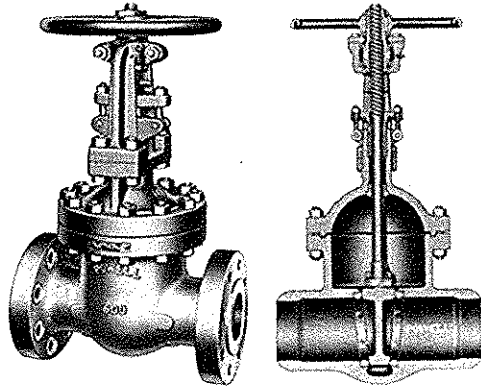


Fig. 6003
Flanged

Fig. 6003WE-Welding
Sizes, 2" through 30"
Above 20" Data on Request

FEATURES

- Solid Wedge is accurately guided to the seating surfaces.
- Stellite faced Seat Rings are welded into the body. This provides a positive no-leak seal of the ring in the valve body.
- Lubricant fitting is provided to permit stem bushing lubrication for ease of operation.
- Valves are furnished with a back seat bushing arrangement in the bonnet.

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 end

CLASS 600 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
Lubricant Fitting	-	Commercial
Stem Bushing	Ductile Ni-Resist	A-439, Type D2
Yokearm Ear Bolts (2" & 4")	Steel	A-307, Grade B
Yokearm Ear Nuts (2" & 4")	Steel	A-563, Grade A or B
Eyebolts	Steel	A-307, Grade B
Eyebolts Nuts	Steel	A-563, Grade A or B
Packing	Grafoil	Commercial
Yokearm	Carbon Steel	A-216, Grade WCB
Gland Flange	Carbon Steel	A-216, Grade WCB
Gland	Steel	A-108, Gr. 1015/1025
Groov-Pins	Steel	Commercial
Bonnet Nuts	Steel	A-194, Grade 2H
Bonnet Studs	Steel	A-193, Grade B7
Packing Washer	Steel	A-108, Gr. 1015/1025
Back Seat Bushing	Stainless Steel	† A-276, Type 410
Bonnet	Carbon Steel	A-216, Grade WCB
Gasket (Spiral Wound)	Stainless Steel/Graphite	Commercial
Body Nuts	Steel	A-194, Grade 2H
Body Studs	Steel	A-193, Grade B7
Stem	Stainless Steel	† A-182, Grade F6a
Solid Wedge (2"-6")	Stainless Steel	A-217, Grade CA15
(8"- 20")	Carbon Steel/13% Chrome Facing	A-216, Grade WCB
Cap Screws (6"-20")	Steel	A-449
Bearing Cap (6"-20")	Steel	A-36
Oil Seals (6"- 20")	-	Commercial
Thrust Bearings (6"-20")	-	Commercial
Seat Ring	Steel/Stellite Facing	A-519, Gr. 1015/1025
Body	Carbon Steel	A-216, Grade WCB

†Or Equal

SPECIFICATIONS

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

DIMENSIONS (Inches)

Size	2	2 1/2	3	4	6	8	10	12	14	16	18	20	24 thru 30
O	11 1/2	13	14	17	22	26	31	33	35	39	43	47	Data
N	11 1/2	13	14	17	22	26	31	33	35	39	43	47	On
A	19 1/2	22 1/2	25 3/4	30 3/4	42 1/2	52	61	71	74 1/2	90 3/4	94	99 1/4	Request
V	9	10	12	14	20	22	26	30	30	36	36	36	
D	To Be Specified												

WEIGHTS (Pounds)

Fig. 6003	110	150	200	320	720	1070	1780	2260	3050	4350	5550		
Fig.6003WE	85	130	160	270	590	970	1520	1880	2560	3720	5000		

