

CAST STEEL SWING CHECK VALVES

CLASS 150 BOLTED FLANGED CAP FLANGED and WELDING ENDS

PRESSURE/TEMPERATURE RATINGS
In accordance with ASME B16.34

MATERIALS

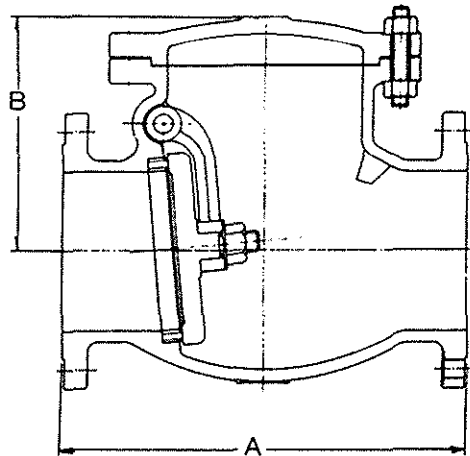


Fig. 1561
Flanged
Fig. 1561 WE-Welding
Sizes, 1" through 36"

DESCRIPTION	MATERIAL	ASTM Spec.
Body	Carbon Steel	A216 Gr. WCB
Cover	Carbon Steel	A216 Gr. WCB
Disc	Stainless Steel	A217 Gr. CA-15
Hinge	Carbon Steel	A216 Gr. WCB
Hinge Pin	Stainless Steel	A182 Gr. F6a
Seat Ring	Steel/Stellite Facing	A-519, Grade 1015/1025
Plug	Carbon Steel	A108 Gr. 1045
Cover Bolt	Carbon Steel	A193 Gr. B7
Cover Nut	Carbon Steel	A194 Gr. 2H
Disc Nut	Carbon Steel	A563 Gr. B
Washer	Stainless Steel	A276 Type 304
Eye Bolt	Carbon Steel	A307 Gr. B
Name Plate	Stainless Steel	A240 Gr. 304
Gasket	Soft Metal	Corrugated Type

SPECIFICATIONS

- Flanged and Welding End valves have dimensions in accordance with ASME B16.5, B16.10 and B16.25
- End flanges are furnished with 1/16" raised face; special end flange facings can be supplied on special order

FEATURES

- These valves can be used in horizontal or vertical position; however, when installed in vertical line flow must be upward with the pressure under the disc

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	1	1 1/2	2	2 1/2	3	4	6	8	10	12	14	16	18	20	24	30	36
A. FE	5	6 1/2	8	8 1/2	9 1/2	11 1/2	14	19 1/2	24 1/2	27 1/2	31	34	38 1/2	38 1/2	51	60	77
A. WE	5	6 1/2	8	8 1/2	9 1/2	11 1/2	14	19 1/2	24 1/2	27 1/2	31	34	38 1/2	38 1/2	51	60	77
B.	3 3/8	4 1/2	5 1/8	5 1/2	6 1/8	7 1/4	11 1/2	13 1/8	14 5/8	16 3/8	19 1/4	20 1/2	22	23 1/4	27 5/8	34 1/4	41 1/2
Wt. (Lbs) F.E	9.5	25	42	53	71	113	177	320	481	695	960	1250	1550	1950	3440	4965	