

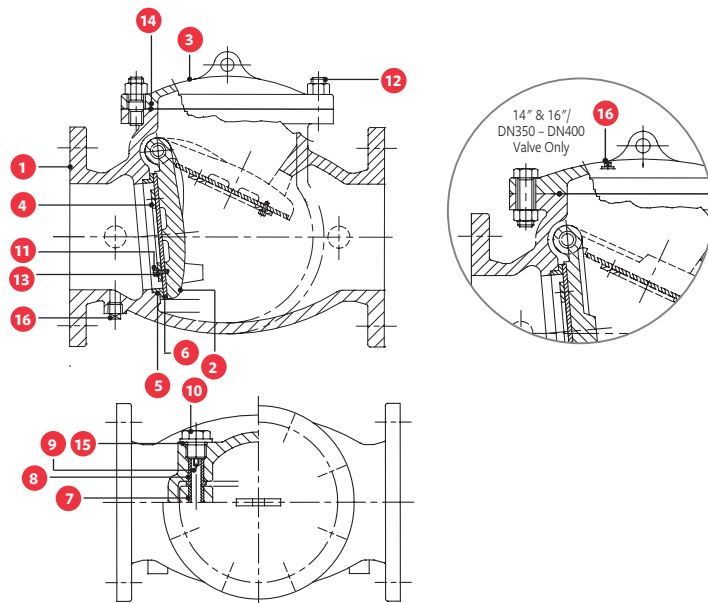


VALVE &
HYDRANT

SWING CHECK VALVES

PARTS LIST

ID	PART NAME	MATERIAL
1	Body	Ductile Iron/ASTM A536 Gr. 65-45-12
2	Disc	Ductile Iron/ASTM A536 Gr. 65-45-12
3	Cover	Ductile Iron/ASTM A536 Gr. 65-45-12
4	Seat Holder	Ductile Iron/ASTM A536 Gr. 65-45-12
5	Body Seat Ring	Bronze/B62
6	Disc Seat Ring	Rubber Buna-N or EPDM/D2000
7	Disc Bushing	Bronze/B62
8	Body Bushing	Bronze/B62
9	Hinge Pin	304 Stainless Steel/A276
10	Plug (A)	304 Stainless Steel/A276
11	Disc Seat Bolt	304 Stainless Steel/A276
12	Cover Stud & Nut	Zinc Coated Steel/F3125 Grade A325
13	Spring Washer	304 Stainless Steel/A276
14	Cover Gasket	Rubber Buna-N or EPDM/D2000
15	O-Ring	Rubber Buna-N or EPDM/D2000
16	Plug (B)	304 Stainless Steel/A276



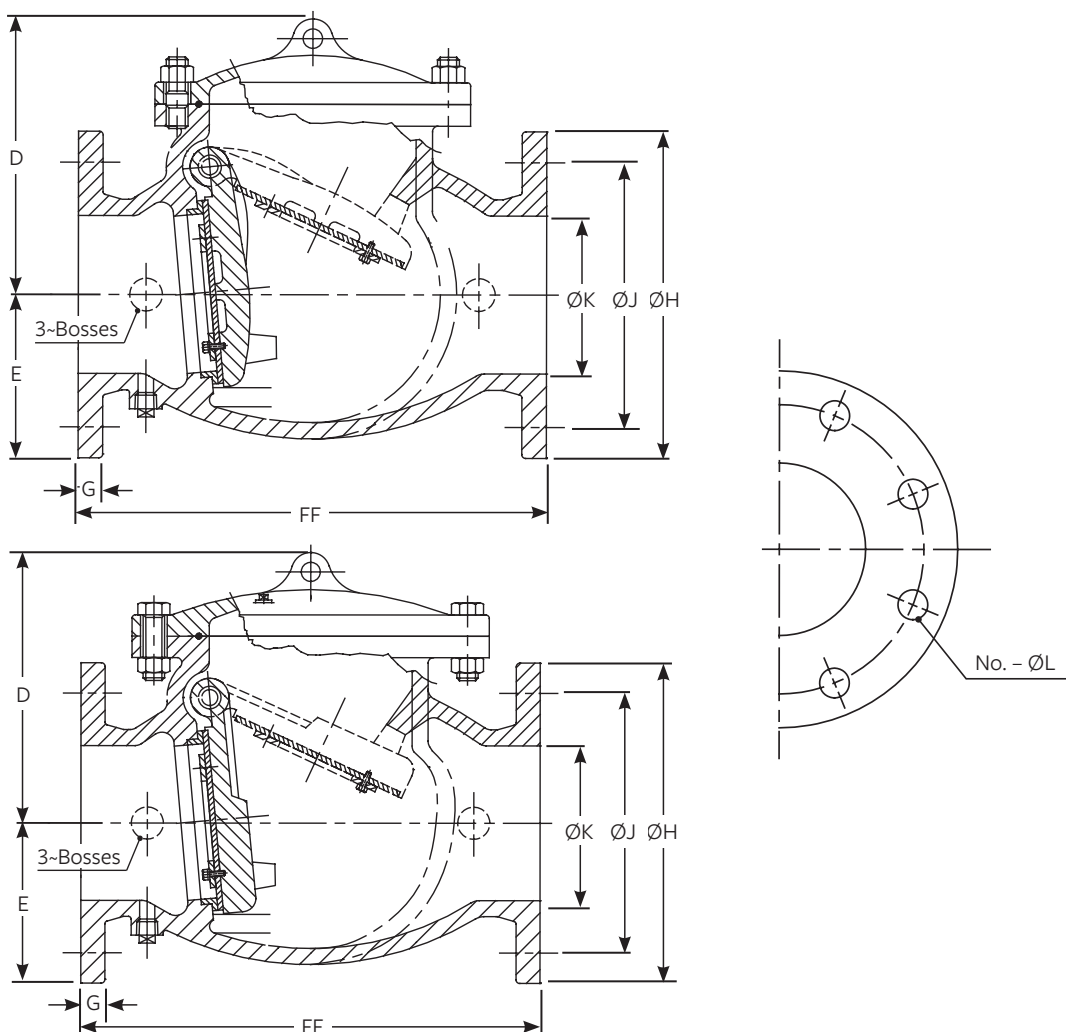
PRODUCT FEATURES

- Gravity operated.
- Sizes: 2" – 16"/DN50 – DN400.
- UL Listed and FM Approved.
- 2" – 12"/DN50 – DN300: 350psig/24barg C.W.P., 14" & 16"/DN350 & DN400: 250psig/17barg C.W.P.
- Designs available: U2122-B13 – 2"/DN50 – 12"/DN300; U2122-B1 – 14"/DN350 & 16"/DN400, Rubber Disc Facing and Bronze Seat Ring.
- Ductile Iron Valve Body.
- Two-part liquid epoxy coating for superior corrosion resistance.
- Ductile Iron Cover has lifting lug.
- Operating parts of Bronze and Stainless Steel, Cover Nuts and Bolts are electrogalvanized Steel to resist corrosion.
- Internal parts serviceable without removing valve from line.
- Tapping bosses both sides of body for connecting by-pass.
- Drain plug under inlet end for connecting drain valve.
- Flange End drilling meets: ANSI B16.1, Class 125 and ANSI B16.42, Class 150 Flat Face. Optional PN10, PN16 drilling.



8"/DN200 shown

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DIMENSIONS – INCHES (MM)

VALVE SIZE	D	E	FF	G	ØH	ØJ	ØK	NO. - ØL	WT. - LB (KG)
2"/DN50	5 ⁵ / ₁₆ (150)	3 (76)	8* (203)	⁵ / ₈ (15)	6 (152)	4 ³ / ₄ (120)	2 (50)	4 - ³ / ₄ (19)	28 (12.7)
2½"/DN65	6 ⁵ / ₁₆ (160)	3½ (89)	8½* (216)	1 ¹ / ₁₆ (17)	7 (177)	5½ (139)	2½ (65)	4 - ³ / ₄ (19)	39 (17.7)
3"/DN80	7 ³ / ₈ (187)	3¾ (95)	9½* (242)	³ / ₄ (19)	7½ (190)	6 (152)	3 (80)	4 - ³ / ₄ (19)	50 (22.7)
4"/DN100	8 ¹ / ₁₆ (203)	4½ (114)	11½* (292)	1 ⁵ / ₁₆ (23)	9 (228)	7½ (190)	4 (100)	8 - ³ / ₄ (19)	75 (34.0)
6"/DN150	10 ³ / ₈ (269)	5½ (139)	14* (355)	1 (25)	11 (279)	9½ (241)	6 (150)	8 - ⁷ / ₈ (22)	191 (86.6)
8"/DN200	12 ³ / ₈ (314)	6¾ (171)	19½* (495)	1 ¹ / ₈ (28)	13½ (342)	11¾ (298)	8 (200)	8 - ⁷ / ₈ (22)	272 (123.4)
10"/DN250	14 ¹ / ₁₆ (373)	8 (203)	24½* (622)	1 ³ / ₁₆ (30)	16 (406)	14¼ (361)	10 (250)	12 - 1 (25)	436 (197.8)
12"/DN300	17 ⁷ / ₁₆ (442)	9½ (241)	27½** (701)	1¼ (31)	19 (482)	17 (431)	12 (300)	12 - 1 (25)	656 (297.6)
14"/DN350	20 ¹ / ₁₆ (531)	10½ (266)	31** (790)	1 ³ / ₈ (34)	21 (533)	18¾ (476)	14 (350)	12 - 1 ¹ / ₈ (28)	962 (436.4)
16"/DN400	23¼ (590)	11¾ (298)	36 ** (917)	1 ⁷ / ₁₆ (36)	23½ (596)	21¼ (539)	16 (400)	16 - 1 ¹ / ₈ (28)	1294 (586.9)

* ± ¹/₁₆ (1.5 mm) ** ± ¹/₈ (3 mm)

Note:

No. - ØL column is for the ANSI flange only.

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