

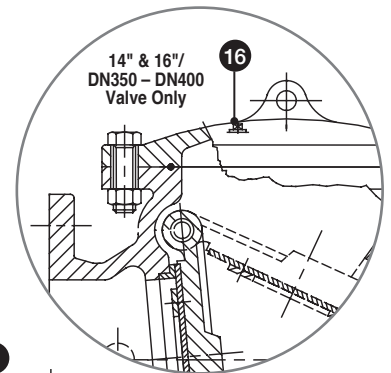
Swing Check Valves

Mueller Co.


8"/DN200 shown

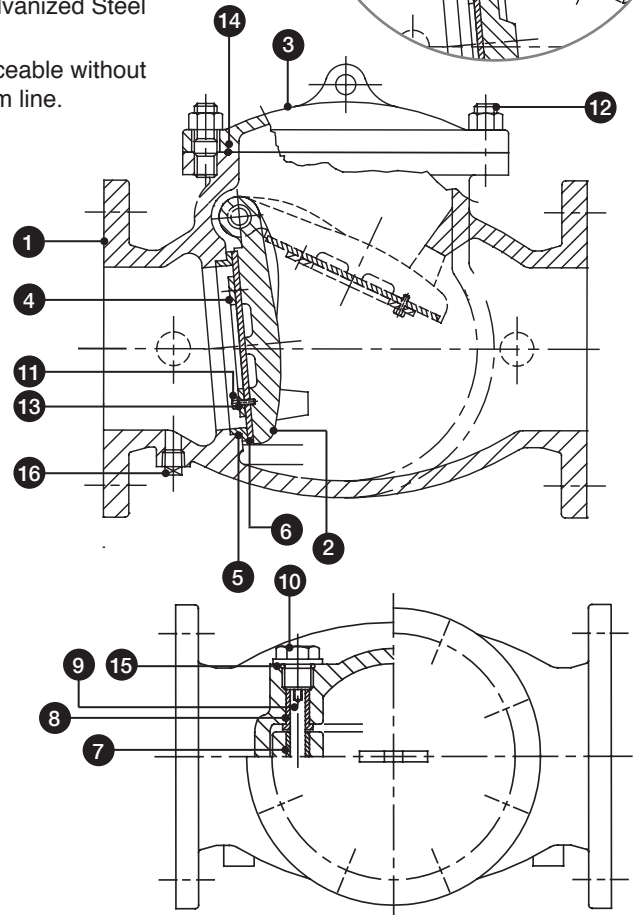
PRODUCT FEATURES

- Gravity operated.
- Sizes: 2" – 16"/DN50 – DN400.
- UL Listed and FM Approved.
- 2" – 12"/DN50 – DN300:
350 psig / 24 barg C.W.P.,
14" & 16"/DN350 & DN400:
250 psig / 17 barg C.W.P.
- Designs available:
A2122-B13 – 2"/DN50 – 12"/DN300;
A2122-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.



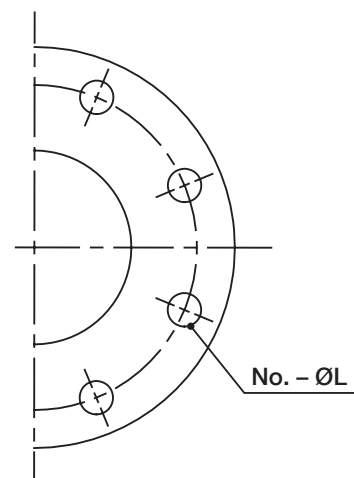
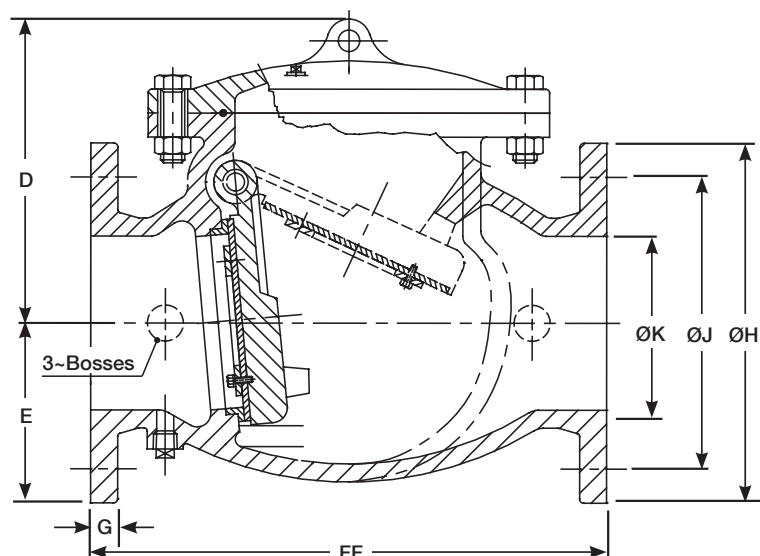
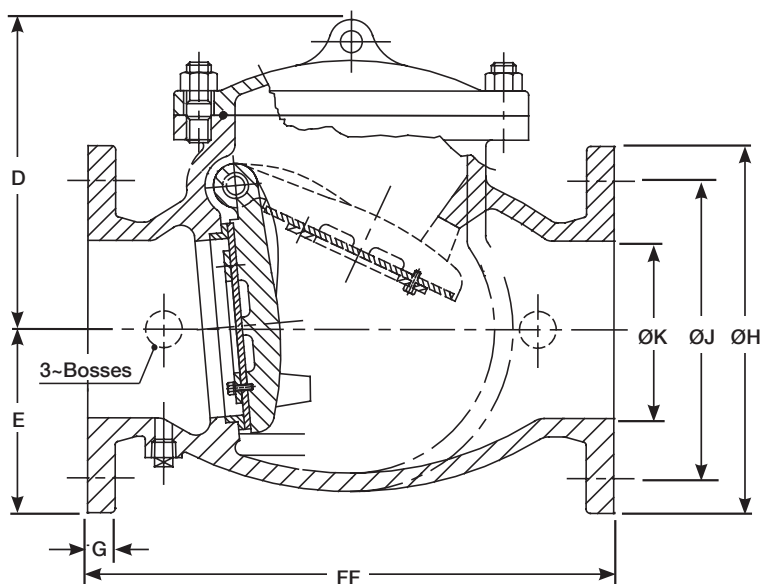
PARTS LIST

ID	PART NAME	MATERIAL / ASTM
1	Body	Ductile Iron / A536 Gr. 65-45-12
2	Disc	Ductile Iron / A536 Gr. 65-45-12
3	Cover	Ductile Iron / A536 Gr. 65-45-12
4	Seat Holder	Ductile Iron / 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 ASTM A276



Swing Check Valve

Mueller Co.



DIMENSIONS - inches (mm)

Valve Size	D	E	FF	G	ØH	ØJ	ØK	No. - ØL	WT. - lb. (kg)
2"/DN50	5 ¹⁵ / ₁₆ (150)	3 (76)	8* (203)	⁵ / ₈ (15)	6 (152)	4 ³ / ₄ (120)	2 (50)	4 - ³ / ₄ (19)	28 (12.7)
2 ¹ / ₂ "/DN65	6 ⁵ / ₁₆ (160)	3 ¹ / ₂ (89)	8 ¹ / ₂ * (216)	¹¹ / ₁₆ (17)	7 (177)	5 ¹ / ₂ (139)	2 ¹ / ₂ (65)	4 - ³ / ₄ (19)	39 (17.7)
3"/DN80	7 ³ / ₈ (187)	3 ³ / ₄ (95)	9 ¹ / ₂ * (242)	³ / ₄ (19)	7 ¹ / ₂ (190)	6 (152)	3 (80)	4 - ³ / ₄ (19)	50 (22.7)
4"/DN100	8 ¹ / ₁₆ (203)	4 ¹ / ₂ (114)	11 ¹ / ₂ * (292)	¹⁵ / ₁₆ (23)	9 (228)	7 ¹ / ₂ (190)	4 (100)	8 - ³ / ₄ (19)	75 (34.0)
6"/DN150	10 ⁵ / ₈ (269)	5 ¹ / ₂ (139)	14* (355)	1 (25)	11 (279)	9 ¹ / ₂ (241)	6 (150)	8 - ⁷ / ₈ (22)	191 (86.6)
8"/DN200	12 ³ / ₈ (314)	6 ³ / ₄ (171)	19 ¹ / ₂ * (495)	1 ¹ / ₈ (28)	13 ¹ / ₂ (342)	11 ³ / ₄ (298)	8 (200)	8 - ⁷ / ₈ (22)	272 (123.4)
10"/DN250	14 ¹¹ / ₁₆ (373)	8 (203)	24 ¹ / ₂ * (622)	¹³ / ₁₆ (30)	16 (406)	14 ¹ / ₄ (361)	10 (250)	12 - 1 (25)	436 (197.8)
12"/DN300	17 ⁷ / ₁₆ (442)	9 ¹ / ₂ (241)	27 ¹ / ₂ ** (701)	1 ¹ / ₄ (31)	19 (482)	17 (431)	12 (300)	12 - 1 (25)	656 (297.6)
14"/DN350	20 ¹⁵ / ₁₆ (531)	10 ¹ / ₂ (266)	31** (790)	1 ³ / ₈ (34)	21 (533)	18 ³ / ₄ (476)	14 (350)	12 - 1 ¹ / ₈ (28)	962 (436.4)
16"/DN400	23 ¹ / ₄ (590)	11 ³ / ₄ (298)	36** (917)	1 ⁷ / ₁₆ (36)	23 ¹ / ₂ (596)	21 ¹ / ₄ (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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Reliable Connections

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