

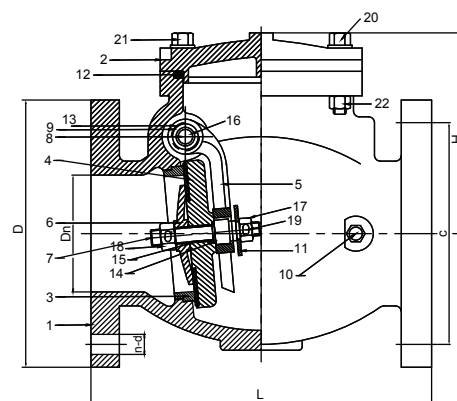
FLANGED END SWING CHECK VALVE

KVS - 1151



SPECIFICATION

- Design Standard: AWWA C508
- Certificate: UL, FM Approved
- Dimensions: 2" - 12" (DN50 - DN300)
- Nominal Pressure: 300 psi (20,6 Bar)
- Working Temperature: -10...120°C
- Electrostatic spraing both inside and outside of the body
- Flange Standard: ANSI B16.1 Class 125
ANSI B16.42 Class 150 or BS EN1092-2



MATERIALS SPECIFICATIONS

No.	PART NAME	MATERIAL	REMARK
1	Body	DI	ASTM A536 65-45-12
2	Bonnet	DI	ASTM A536 65-45-12
3	Seat Ring	Bronze	ASTM A148 C95400
4	Disc	DI	ASTM A536 65-45-12
5	Rocker Arm	DI	ASTM A536 65-45-12
6	Baffle Plate	Bronze	ASTM A148 C95400
7	Middle Stem	Stainless Steel	ASTM A276 SS304
8	Pinned Stem	Stainless Steel	ASTM A276 SS304
9	Bracket Screw	Stainless Steel	ASTM A351 SS304
10	Plug	Steel	ASTM A148 C95400
11	Gasket	Stainless Steel	ASTM A276 SS304
12	O-Ring (Large)	EPDM	ASTM D2000 EPDM
13	O-Ring (For Bracket Screw)	EPDM	ASTM D2000 EPDM
14	O-Ring (For Mid Stem)	EPDM	ASTM D2000 EPDM
15	O-Ring (For Mid Stem Small)	EPDM	ASTM D2000 EPDM
16	Bronze Bushing	Bronze	Power Metallurgy
17	SS304 Outer Hexagon Nut M12	Steel	ASTM A276 SS304
18	SS304 Outer Hexagon Nut M12	Steel	ASTM A276 SS304
19	SS304 Cotter Pin 4x55	Stainless Steel	ASTM A276 SS304
20	M12x60 Zinc Outer Hexagon Bolt (Half Thread)	Steel	STEEL
21	M12x40 Zinc Outer Hexagon Bolt (Full Thread)	Steel	STEEL
22	M12 Zinc Outer Hexagon Nut	Steel	STEEL

DIMENSIONS (mm)

Inches	mm	DN	L	D	c	n-d	H
2"	50	51	203	152	120.5	4-Ø19	142
2½"	65	64	216	178	139.5	4-Ø19	148
3"	80	80	241	191	152.5	4-Ø19	163.5
4"	100	100	292	229	190.5	8-Ø19	172
5"	125	126	330	254	216	8-Ø22	237
6"	150	152	356	279	241.5	8-Ø22	233
8"	200	204	495	343	298.5	8-Ø22	301
10"	250	254	622	406	362	12-Ø25	348
12"	300	302	698	483	432	12-Ø25	419

*All dimensions are nominal. Actual dimensions may vary.