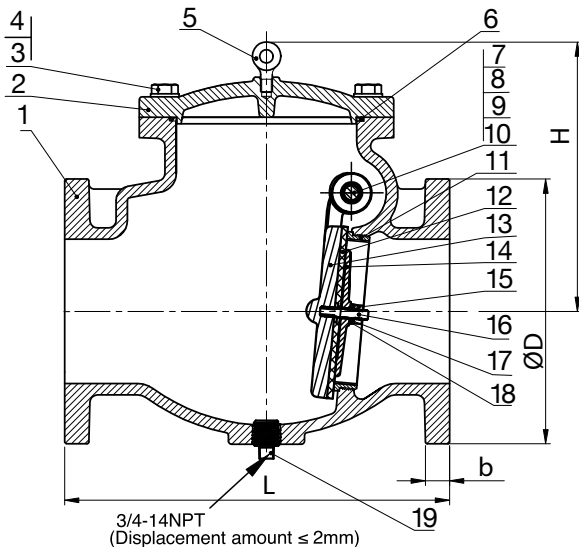
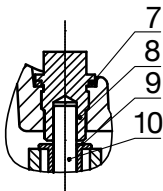
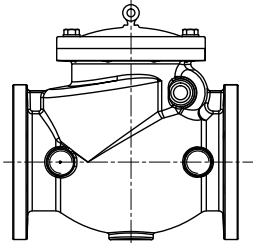




Note:

1. Design meet or exceed the requirements of AWWA C508 standard
2. Flanged to ANSI B16.10 Class 125 or ASME B16.42 Class 150 FF

DESCRIPTION:

The Lansdale Flanged Check Valve (LVCFF-2) is a UL Listed and FM Approved check valve designed specifically for the fire protection industry. It allows flow in one direction and prevents any back flow within the piping, this valve must be installed in the direction of flow as indicated on the body of the valve. This valve has a removable cover plate which will allow the inspection and maintenance of the valve and the removal any debris that may interfere with the valves function without having to remove the valve from service.

- Size: 2" - 16"
- Max working pressure: 363 PSI, 5", 14" AND 16" 350 PSI
- NSF/ANSI/CAN 61 certified as lead-free for use in drinking water systems
- Temperature range: 33° F to 170° F
- UL/ULC Listed and FM Approved; NFS 61 Certified
- Removable inspection cover; maintenance free
- Fusion Bonded epoxy coating complies with ANSI/AWWA C550

INSTALLATION:

The Lansdale Flanged Check Valve (LVCFF-2) should be installed using standard industry practice. Inspect the valve to make sure that any packing material is removed and there is no debris in the valve. Make sure the valve is placed between the mating flanges and that all of the flange surfaces are free of any damage. The valve must be installed in the correct direction of flow, as indicated on the body of the valve. When the valve is in place, exercise care as to prevent any damage to the flange faces or gasket. Once the valve is in position hand tighten all of the bolts/studs and then tighten them in a cross pattern sequence, assuring uniform compression of the gasket.

No.	PART NAME	MATERIAL
1	Valve Body	Ductile Iron 65-45-12
2	Bonnet	Ductile Iron 65-45-12
3	Bolt	Stainless Steel 304
4	Washer	Stainless Steel 304
5	Eye Bolt	Zinc Plated Carbon Steel
6	O Ring	NBR
7	Washer	PTFE
8	Plug	Stainless Steel 304
9	Hinge Bushing	Brass B16 C36000
10	Hinge Pin	Stainless Steel 420
11	Seat Ring	Bronze B62 C83600
12	Seal	EPDM
13	Disc	Ductile Iron 65-45-12
14	Plate	2"-4": Stainless Steel 410
		6"-16": Ductile Iron 65-45-12
15	Nut	Stainless Steel 316
16	Bolt	Stainless Steel 304
17	Spring Washer	Stainless Steel 304
18	Flat Washer	6"-12": Stainless Steel 304
19	Plug	Malleable Iron A197 M3210

DIMENSIONS (in.)												
Size	2	2.5	3	4	5	6	8	10	12	14	16	
L	8.0	8.5	9.5	11.5	13.0	14.0	19.5	24.5	27.5	31.0	36.0	
H	5.28	6.08	6.42	9.45	7.7	11.81	14.06	16.54	18.11	15.9	17.6	
b	0.63	0.69	0.75	0.94	—	1.00	1.12	1.20	1.26	—	—	
ØD	5.98	7.01	7.52	9.02	—	10.98	13.50	15.98	19.02	—	—	
Plug	3/4	3/4	3/4	3/4	1/2	3/4	3/4	3/4	3/4	1	1	

PROJECT												APPROVAL STAMP											
PROJECT:												☐ APPROVED											
ADDRESS:												☐ APPROVED AS NOTED											
ENGINEER:												☐ NOT APPROVED											
SUBMITTAL DATA:												REMARKS:											
NOTES 1:																							
NOTES 2:																							