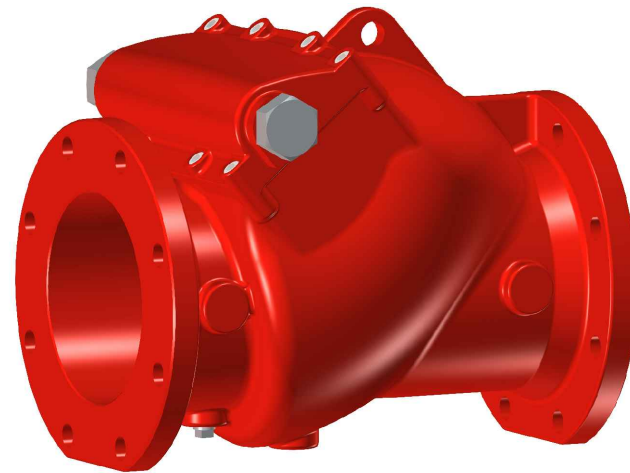
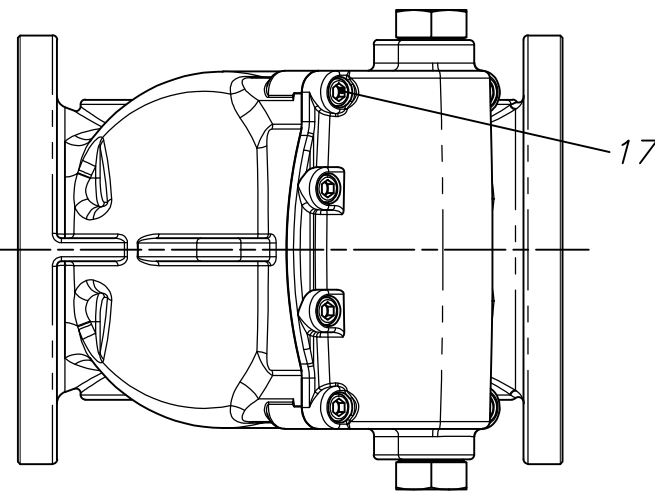
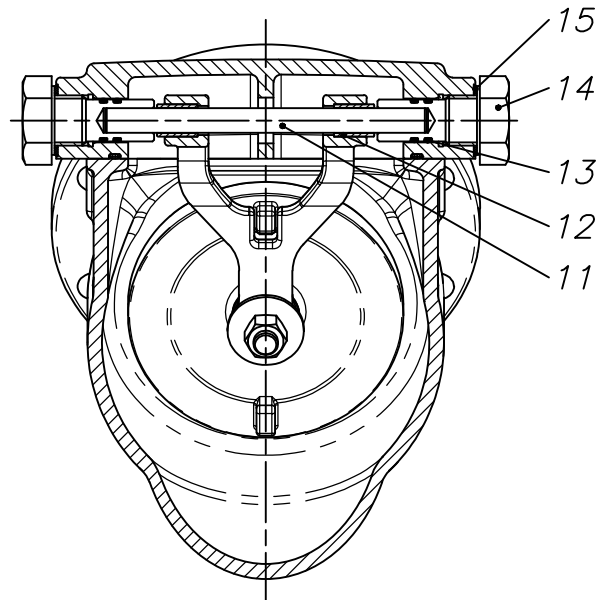
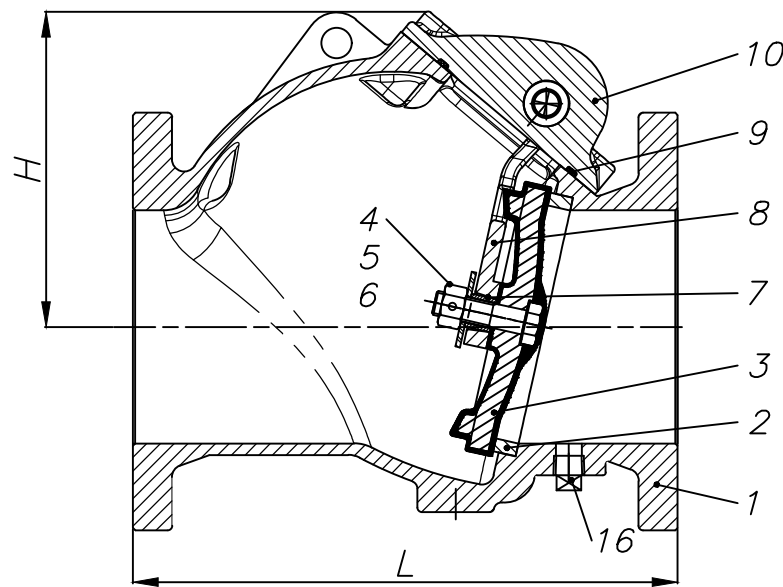


1 2 3 4 5 6 7 8

Dimensions (mm/inch)

Size	2"	2.5"	3"	4"		6"	8"	10"	12"	14"	16"
L	203/8.0	216/8.5	241/9.5	292/11.5		356/14.0	495/19.5	622/24.5	699/27.5	787/31.0	914/36.0
H	104/4.1	112/4.4	124/4.9	157/6.2		207/8.1	264/10.4	304/12.0	355/14.0	405/15.9	447/17.6
Plug	3/8"	1/2"	1/2"	1/2"		3/4"	3/4"	1"	1"	1"	1"



Item	Part Name	Material	ASTM Specification
1	Body	Ductile Iron	A536 Grade 65-45-12
2	Body Seat	Bronze	B62 C83600
3	Disc	Ductile Iron with EPDM Full Encapsulated	
4	Connecting Stem	Stainless Steel	A276 Type 316
5	Locking Nut	Stainless Steel	A276 Type 304
6	Washer	Stainless Steel	A276 Type 304
7	Bushing	Stainless Steel	A276 Type 304
8	Hinge	2"-6"	Stainless Steel
		8"-16"	Ductile Iron
9	Gasket	Rubber	D2000 EPDM
10	Bonnet	Ductile Iron	A536 Grade 65-45-12
11	Hinge Pin	Stainless Steel	A276 Type 304
12	Shaft Bushing	Bronze	B62 C95200
13	O-Ring	Rubber	D2000 NBR
14	Locating Sleeve	Stainless Steel	A276 Type 304
15	Washer	Red Copper	
16	Plug	Stainless Steel	A276 Type 304
17	Screw	Carbon Steel	A307 Class B



	NAME	DATE
ENGINEER/DRAFTSMAN	THX	03/02/2022
1st CHECK	HXF	03/02/2022
2nd CHECK	HXN	03/02/2022
3rd CHECK	HTX	03/02/2022
4th CHECK	TJF	03/02/2022
APPROVED	ZHT	03/02/2022

Notes:

- Design meet or exceed the requirements of AWWA C508 standard.
- Maximum Working Pressure: 350 psi.
- Flanged to ANSI/ASME B16.1 Class 125 or ASME B16.42 Class 150 FF
- Fusion Bonded Coated Interior and Exterior.
- UL/ULC Listed and FM Approved.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM		TITLE:		DWG. NO.		REVISION
MATERIAL		GA Drawings of Swing Check Valve		Series 825		D
WEIGHT		REV	DESCRIPTION	DATE	BY	
FINISH		A	INITIAL ISSUE	03/02/22	THX	
		B	Changed part name	08/29/22	SJX	
		C	Add 14" and 16"	04/17/23	THX	
		D	Add View	07/07/23	ROY	
DO NOT SCALE DRAWING		SCALE: NONE - UNLESS NOTED				SHEET 1 OF 1

1 2 3 4 5 6 7 8