

Size	L	D1	Z - UNC/UN	D2	□K	H	H1	ISO 5211
2"	1.69	4.75	4 - 5/8" - 11	3.62	0.43	3.58±0.08	2.76	F07
2½"	1.81	5.50	4 - 5/8" - 11	4.13	0.55	3.58±0.08	2.76	F07
3"	1.89	6.00	4 - 5/8" - 11	5.00	0.55	3.58±0.08	2.76	F07
4"	2.13	7.50	8 - 5/8" - 11	6.18	0.55	3.58±0.08	2.76	F07

**Performance Specification**

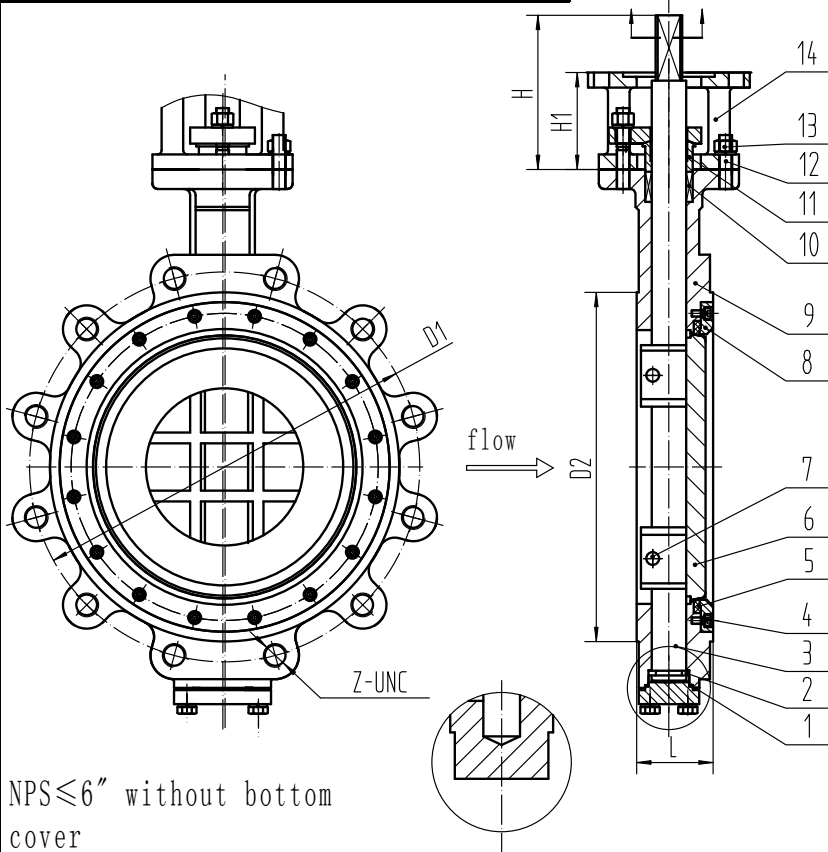
Test Pressure	ANSI Class	150 lbs	PSI
	Shell (Hydrostatic)	435	
	Seal (Hydrostatic)	319	
	Seat (air)	87	
Application Temp.		-20° ~ 302°	°F

DESIGN STANDARD	API 609
FLANGE CONNECTION	ASTM B16.5
FACE TO FACE	API 609
TEST PROCEDURE	API 598

**NOTES**

- 1) Cap screws and stud lengths are determined by customer due to flange and gasket sizes.
- 2) 2", 2.5", and 3" valves are full wafer/lug style conforming to API 609.

No.	PART	MATERIAL
1	Gasket	Not applicable
2	Split Ring	Not applicable
3	Stem	17-4PH
4	Screw	A193 B7
5	Seat	RPTFE
6	Disc	A351 CF8M
7	Pin	17-4PH
8	Seals Plate	A105
9	Body	A216 WCB or 316SS
10	Packing	Graphite
11	Stuffing cover	A182 F316
12	Double-end Bolt	A193 B7
13	Hex Nut	A194 2H
14	Yoke	A216 WCB



NPS ≤ 6" without bottom cover

Pressure Rating: ANSI 150	<b>DIMENSIONAL DATA SHEET</b> <b>Series 77X</b> <b>High Performance Butterfly Valve</b> <b>Lug Type</b> <b>2" - 4"</b>	Material Reference: CF8M or WCB
Customer/Project:		Part No.: 77-***X-2511I20/ 77-***X-4511I20
Cage Code:		Drawing No.: FL 76X-0150-ISO
Drawn By:  DAP		Approved by:  DAB