

Size	L	D1	Z - UNC/UN	D2	□K	H	H1	ISO 5211
5"	2.24	8.50	8 - 3/4" - 11	7.32	17mm	4.61±0.08	3.54	F10
6"	2.24	9.51	8 - 3/4" - 11	8.50	17mm	4.61±0.08	3.54	F10
8"	2.52	11.75	8 - 3/4" - 10	10.63	22mm	4.61±0.08	3.54	F12
10"	2.79	14.25	12 - 7/8" - 9	12.76	22mm	4.61±0.08	3.54	F12
12"	3.19	17.00	12 - 7/8" - 9	15.00	27mm	5.00±0.08	3.94	F12/F14

Performance Specification

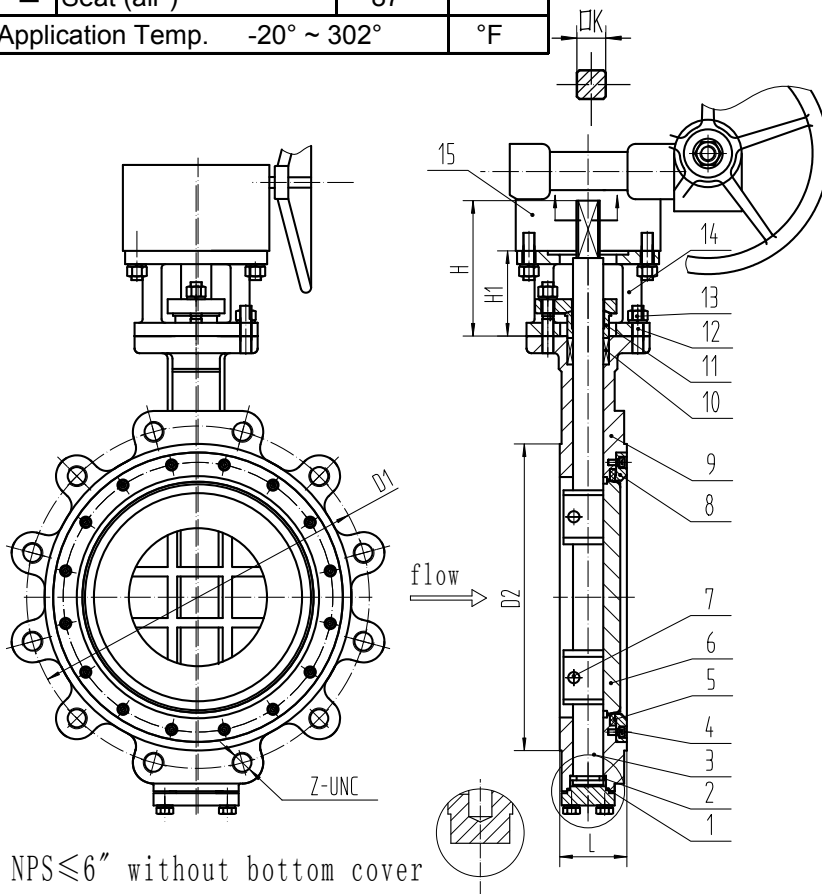
Test Pressure	ANSI Class	150 lbs	PSI
	Shell (Hydrostatic)	435	
	Seal (Hydrostatic)	319	
	Seat (air)	87	
Application Temp.		-20° ~ 302°	°F

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.

No.	PART	MATERIAL
1	Gasket	Graphite
2	Split Ring	A182 F316
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
15	Gear	



Pressure Rating:
ANSI 150

Customer/Project:

Cage Code:

Drawn By:
DAP

Approved by:
DAB

DIMENSIONAL DATA SHEET
Series 77X
High Performance Butterfly Valve
Lug Type
5" - 12"

Material Reference:

CF8M or WCB

Part No.: 77-***X-2511I2O/
77-***X-4511I2O

Drawing No.:

FL 77X-0150-ISO

Rev. #

A

Rev. Date

4/13/17

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