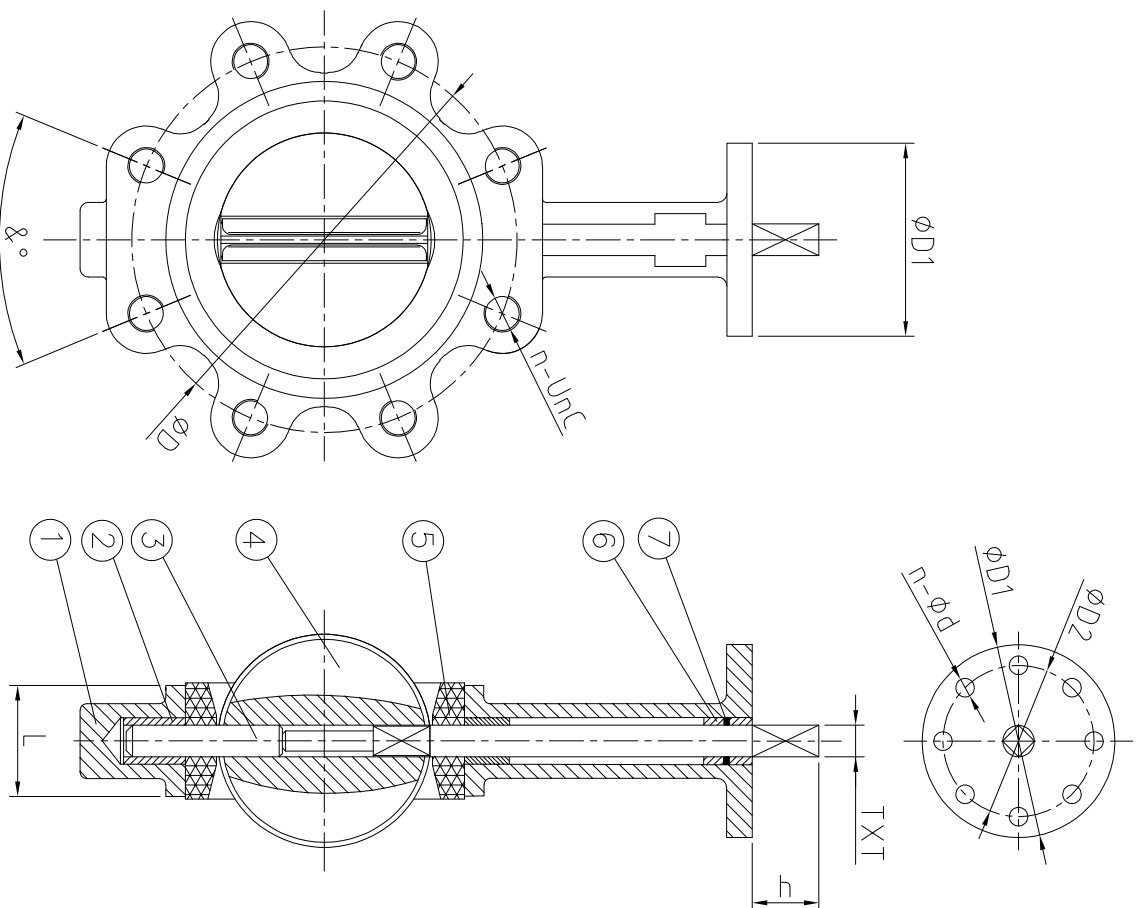


SIZE	DN	L	ØD	n-UNC	Ø°	ISO 5211 PAD NO.	ØD1	ØD2	n-Ød	TXt	h	Torque N*M	Weight
1 1/2"	40	4.2	Ø98.4	4-UNC 1/2"	90°	F05	Ø90	Ø50	4-Ø8	9X9	30	17	3.5 KG
2"	50	4.2	Ø120.7	4-UNC 5/8"	90°	F05	Ø90	Ø50	4-Ø8	9X9	30	17	3.5 KG
2 1/2"	65	4.4.7	Ø139.7	4-UNC 5/8"	90°	F05	Ø90	Ø50	4-Ø8	9X9	30	25	4 KG
3"	80	4.5.2	Ø152.4	4-UNC 5/8"	90°	F05	Ø90	Ø50	4-Ø8	9X9	30	38	4.5 KG
4"	100	5.2.1	Ø190.5	8-UNC 5/8"	45°	F07	Ø90	Ø70	4-Ø10	11X11	30	56	5.2 KG
5"	125	5.4.4	Ø215.9	8-UNC 3/4"	45°	F07	Ø90	Ø70	4-Ø10	14X14	30	90	7.5 KG
6"	150	5.5.8	Ø241.3	8-UNC 3/4"	45°	F07	Ø90	Ø70	4-Ø10	14X14	30	124	9 KG
8"	200	6.0.6	Ø298.5	8-UNC 3/4"	45°	F10	Ø125	Ø102	4-Ø12	17X17	40	233	14 KG
10"	250	6.5.6	Ø362.0	12-UNC 7/8"	30°	F10	Ø125	Ø102	4-Ø12	22X22	45	392	30 KG
12"	300	7.6.9	Ø431.8	12-UNC 7/8"	30°	F10	Ø125	Ø102	4-Ø12	22X22	45	560	50 KG
14"	350	7.6.2	Ø476.3	12-UNC 1"	30°	F10	Ø125	Ø102	4-Ø12	22X22	45	736	75 KG
16"	400	8.5.7	Ø539.8	16-UNC 1"	22.5°	F14	Ø175	Ø140	4-Ø14	27X27	45	1011	98 KG

* 1. The torque without Safety factor.

* 2. Safety factor of 1.3 is recommended.



7	O-Ring	BUNA	1
6	Short Bushing	PTFE	2
5	Seat	Viton	1
4	Disc	A351 CF8M	1
3	Stem	A276 SS416	1
2	Long Bushing	PTFE	2
1	Body	Ductile Iron A536 + Epoxy	1

NO.	NAME	MATERIAL	QTY
	CWP:16Bar	SHELL	SEAL
TEST PRESSURE	HYDROSTATIC	24 bar	17.6 bar
	AIR	6 bar	6 bar
STANDARD	DESIGN CODE	API 609	
	INSPECTION & TEST	API 598	
	END STANDARD	ASME B16.5 150LB	
	FACE TO FACE	API 609	
	WORKING TEMPERATURE	-29C° ~ +80C°	

TITLE : CONCENTRIC BUTTERFLY VALVE SQUARE BARE SHAFT
NPS 1 1/2"~16" - 150LB - LUG - DI/SS316/Viton

APPROVED		DWG NO.	REV
CHECKED			
DRAWN			
DESIGNED		SCALE	UNIT mm

1	Nondestructive Testing		Yes
1.1	Pressure Test	Mandatory	Yes
1.2	Chemical composition certification	Mandatory	Yes
1.3	Penetrant Test	All Body Surface	Yes
1.4	Magnetic particle testing	All Body Surface	Yes