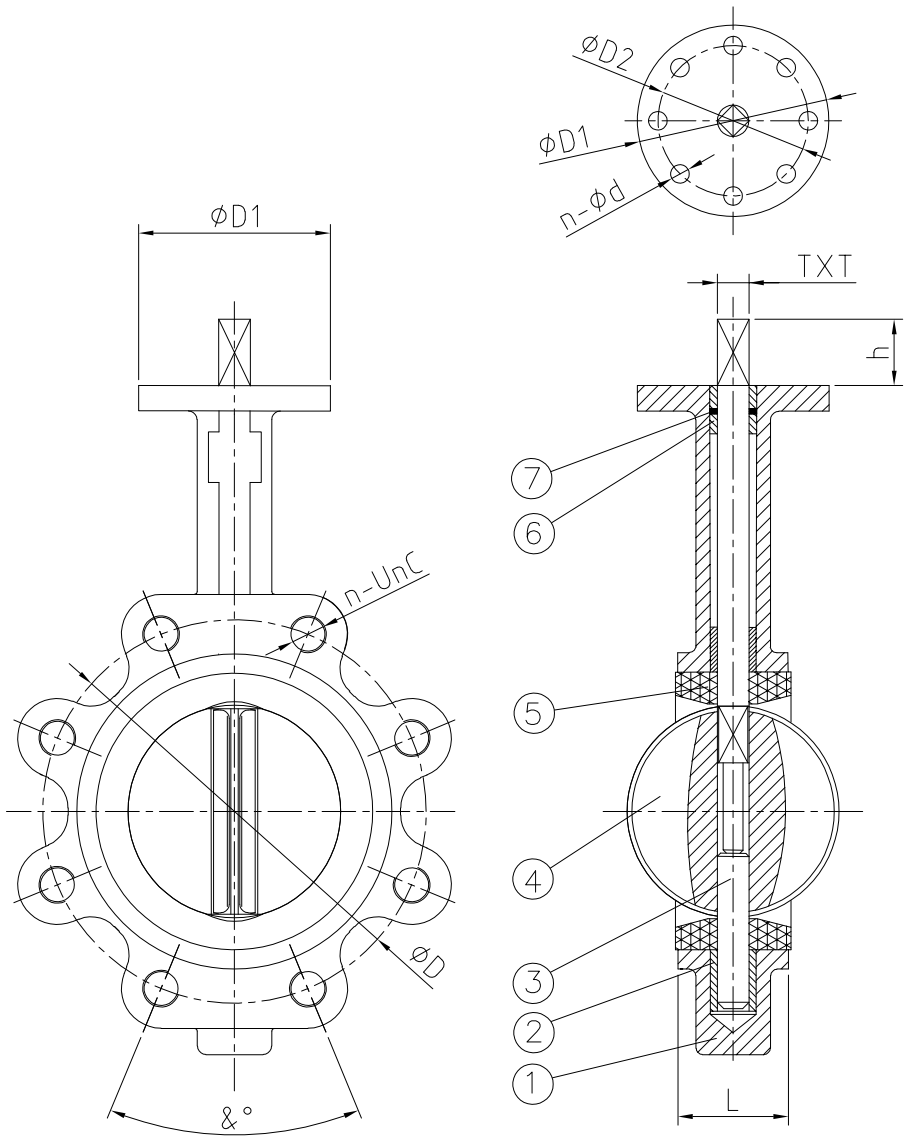

SIZE	DN	L	ØD	n-UnC	&°	ISO 5211 PAD NO.	ØD1	ØD2	n-Ød	TXT	h	Torque N*M	Weight
2"	50	42	Ø120.7	4- UnC 5/8"	90°	F05	Ø90	Ø50	4-Ø8	9X9	30	17	3.5 KG
2 1/2"	65	44.7	Ø139.7	4- UnC 5/8"	90°	F05	Ø90	Ø50	4-Ø8	9X9	30	25	4 KG
3"	80	45.2	Ø152.4	4- UnC 5/8"	90°	F05	Ø90	Ø50	4-Ø8	9X9	30	38	4.5 KG
4"	100	52.1	Ø190.5	8- UnC 5/8"	45°	F07	Ø90	Ø70	4-Ø10	11X11	30	56	5.2 KG
5"	125	54.4	Ø215.9	8- UnC 3/4"	45°	F07	Ø90	Ø70	4-Ø10	14X14	30	90	7.5 KG
6"	150	55.8	Ø241.3	8- UnC 3/4"	45°	F07	Ø90	Ø70	4-Ø10	14X14	30	124	9 KG
8"	200	60.6	Ø298.5	8- UnC 3/4"	45°	F10	Ø125	Ø102	4-Ø12	17X17	40	233	14 KG
10"	250	65.6	Ø362.0	12- UnC 7/8"	30°	F10	Ø125	Ø102	4-Ø12	22X22	45	392	30 KG
12"	300	76.9	Ø431.8	12- UnC 7/8"	30°	F10	Ø125	Ø102	4-Ø12	22X22	45	560	50 KG
14"	350	76.2	Ø476.3	12- UnC 1"	30°	F10	Ø125	Ø102	4-Ø12	22X22	45	736	75 KG
16"	400	85.7	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.

NO.	NAME	MATERIAL	QTY	
7	O-Ring	EPDM	1	
6	Short Bushing	PTFE	2	
5	Seat	EPDM	1	
4	Disc	A351 CF8M	1	
3	Stem	A276 SS416	1	
2	Long Bushing	PTFE	2	
1	Body	Ductile Iron A536 + Epoxy	1	

TEST PRESSURE	SHELL	SEAL
CWP:16Bar		
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 2"~16" - 150LB - LUG - DI/SS316/EPDM

APPROVED		DWG NO.	REV
CHECKED			
DRAWN			
DESIGNED		SCALE	UNIT mm

1	Nondestructive Testing		
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

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