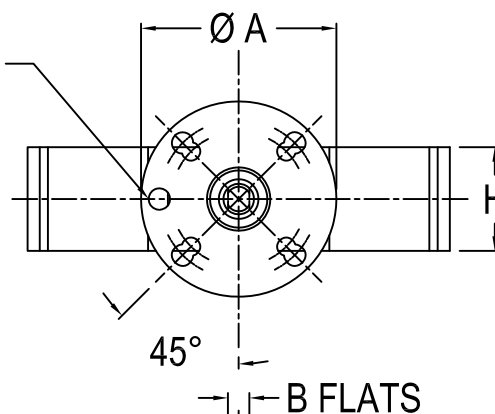


ATTENTION PLEASE CHECK THE ULTRAFLO WEBSITE AT www.ultraflovalve.com TO ENSURE YOU HAVE THE MOST RECENT COPY OF THIS DOCUMENT

NOTES:

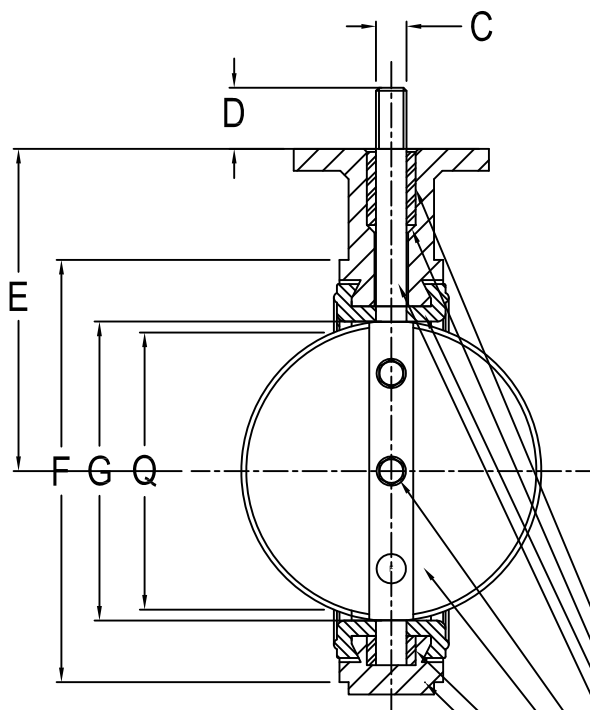
1. ALL DIMENSIONS IN INCHES
2. VALVE WITH FULLCUT DISC CARRIES A PRESSURE RATING OF 150 P.S.I.
3. VALVE O.D. AND FLANGE BOLT CIRCLE MUST SHARE COMMON CENTER LINE. VALVE DESIGN TO BE PLACED BETWEEN ANSI 125 OR 150 LB FLANGES (NOT FOR USE WITH ASA 250 OR 300 LB FLANGES).
4. Q DIMENSION: IS THE MINIMUM FLANGE OR PIPE I.D. TOLERABLE FOR PROTECTION OF DISC SEALING EDGE WHILE OPERATING BETWEEN FLANGES.

2"-6" HAVE AN ADDITIONAL 5TH HOLE DRILLED IN TOP PLATE THAT WILL ENABLE VALVE TO BE LOCKED IN THE CLOSED POSITION WHEN USING A LOCKING HANDLE



GROOVES ON BODY O.D. ACCOMMODATE LIGHTWEIGHT FLANGES. GROOVES ARE NOT NEEDED ON 8" OR 12" HOUSINGS.

TTMA DRILLING OPTIONAL



COMPONENT	NUMBER	MATERIAL
STEM BUSHING TOP	1	
STEM SEAL	1	
SEAT	1	
STEM	1	
SCREW AND O-RING	2(3 F/12")	
DISC	1	
STEM BUSHING BOTTOM	1	
BODY	1	

VALVE DIMENSIONS

VALVE DIMENSIONS												TOP PLATE DRILLING						TTMA DRILLING		
												ISO DRILLING			STD DRILLING					
SIZE	A	B	C	D	E	F	G	H	Q	KEY WAY	WT. LBS	B. CIRCLE	HOLES	HOLE DIA.	B. CIRCLE	HOLES	HOLE DIA.	B. CIRCLE	HOLES	THRU HOLE
2	4.000	.375	.563	1.250	4.063	4.125	2.125	1.625	1.531	N/A	3.000	2.760	4	.375	3.250	4	.438	N/A	N/A	N/A
3	4.000	.375	.563	1.250	5.000	5.375	3.125	1.750	2.689	N/A	4.000	2.760	4	.375	3.250	4	.438	N/A	N/A	N/A
4	4.000	.438	.625	1.250	6.000	6.875	4.125	2.000	3.719	N/A	7.000	2.760	4	.375	3.250	4	.438	N/A	N/A	N/A
4A	4.000	.438	.625	1.250	6.000	6.875	4.125	2.000	3.719	N/A	7.000	2.760	4	.375	3.250	4	.438	5.875	8	.438 THRU
5	4.000	.438	.625	1.250	6.000	7.750	5.188	2.125	4.813	N/A	9.000	2.760	4	.375	3.250	4	.438	N/A	N/A	N/A
5A	4.000	.438	.625	1.250	6.000	7.750	5.188	2.125	4.813	N/A	9.000	2.760	4	.375	3.250	4	.438	7.000	12	.438 THRU
6	4.000	.438	.625	1.250	6.625	8.750	6.125	2.125	5.813	N/A	11.000	2.760	4	.375	3.250	4	.438	N/A	N/A	N/A
6A	4.000	.438	.625	1.250	6.625	8.750	6.125	2.125	5.813	N/A	11.000	2.760	4	.375	3.250	4	.438	8.125	12	.438 THRU
8	6.000	.500	.750	1.250	8.313	11.000	8.125	2.500	7.813	N/A	21.000	4.020	4	.438	5.000	4	.563	N/A	N/A	N/A
8A	6.000	.500	.750	1.250	8.313	11.000	8.125	2.500	7.813	N/A	21.000	4.020	4	.438	5.000	4	.563	10.125	16	.438 THRU
10	6.000	.625	.875	1.250	9.125	13.375	10.125	2.500	9.906	N/A	30.000	4.020	4	.438	5.000	4	.563	N/A	N/A	N/A
12	6.000	N/A	1.125	2.000	10.645	16.125	12.094	3.000	11.844	.250 X .250	50.000	4.020	4	.438	5.000	4	.563	N/A	N/A	N/A

ZONE	REV	DATE	BY	APP'D	ECN	DESCRIPTION	 Ultraflo Corporation A Subsidiary of Bray International, Inc.			#8 Trautman Ind. Dr. Ste. Genevieve, Mo. 63670 800-950-1762
								NAME	DATE	2" TO 12" 400 SERIES VALVE
B1	5	05/07/10	DSS	CJH	347	REMOVED MATERIALS	DRAWN BY	TJM	11/05/03	
B4	4	04/25/08	DSS	CJH		CORRECTED COLUMNS B & C	CHECKED	TJM	11/05/03	
A1	3	10/24/07	DSS	CJH		ADDED 5" TTMA INFO	PART: 400/422 VALVE ALUMINUM WAFER BODY, DISC			
E2	2	06/20/05	TJM	TJM		ADDED DRAWING NOTES	EPDM, NITRILE, VITON OR BUNA-N SEAT			
E4	1	02/18/05	TJM	TJM		REVISED NOTE	ECN:	DWG: 400-422-3		