

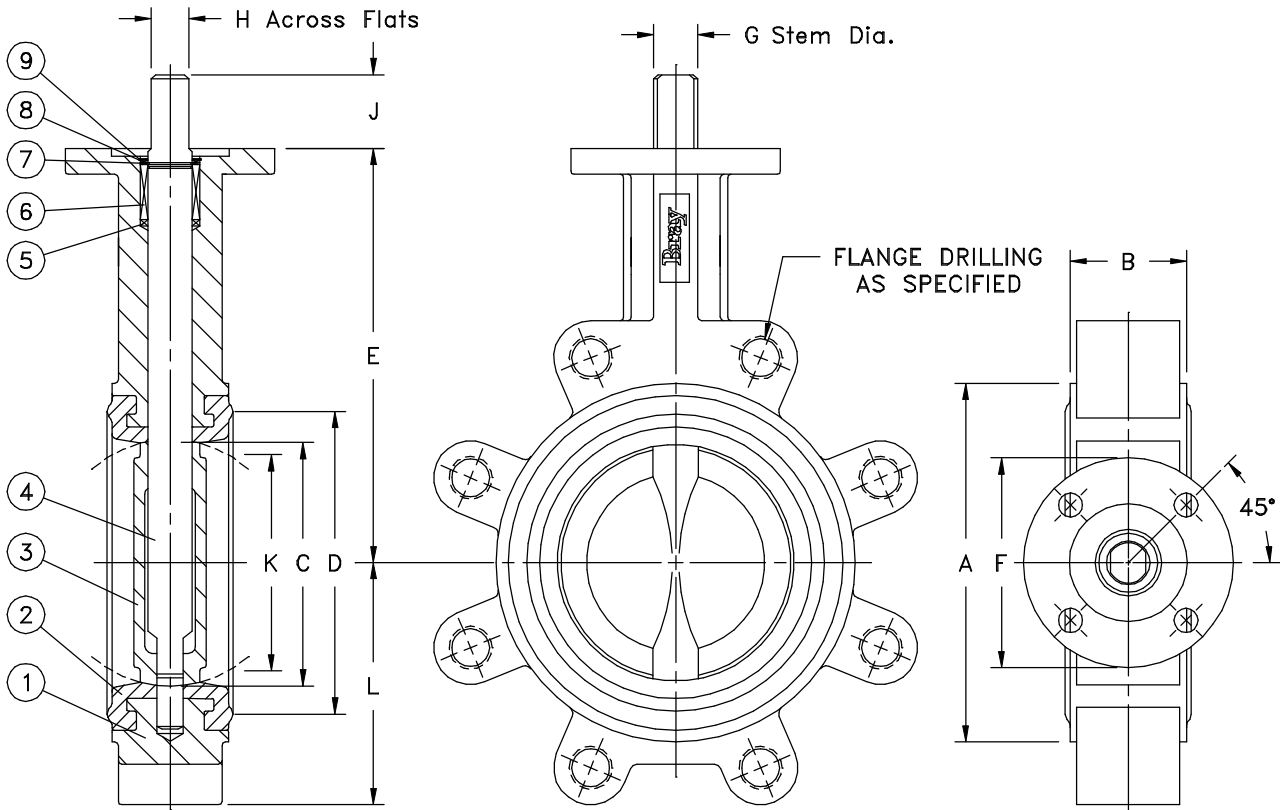
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SERIES 31
ES12A-0014
Date: August 1993

Valve Size	A	B	C	D	E	F	BC	Top Plate Drilling		G	H	J	K	L	Lug BC	Bolting No. of Holes	Data Threads ISO-Coarse	Adapter Code	Weight (Kg.)
								No. of Holes	Hole Diameter										
50	94	43	51	72	140	90	70	4	10	14	10	32	30	58				A	3.0
65	106	46	64	85	152	90	70	4	10	14	10	32	46	65				A	3.5
80	124	46	76	102	159	90	70	4	10	14	10	32	63	71				A	4.0
100	154	52	102	131	178	90	70	4	10	16	11	32	89	104				B	7.0
125	181	56	127	156	190	90	70	4	10	19	13	32	116	117				C	9.0
150	206	56	146	178	203	90	70	4	10	19	13	32	137	129				C	10.5
200	267	60	197	240	241	150	125	4	14	22	16	32	189	154				D	19.0
250	324	68	248	291	273	150	125	4	14	30	22	51	240	195				E	30.0
300	378	78	298	342	311	150	125	4	14	30	22	51	290	229				E	40.0

Note: K dim is disc chordal dimension at valve face.



9	RETAINING RING	1			
8	THRUST WASHER	1			
7	STEM RETAINER	2			
6	BUSHING	1			
5	PACKING	1			
4	STEM	1			
3	DISC	1			
2	SEAT	1			
1	BODY	1			

ITEM No.	NAME	No. REQUIRED	SERIES/PART No.	MATERIAL	SPECIFICATION/REMARKS
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Valve Size _____ Flg. Drilling _____
 Pressure Rating _____
 Customer/Project _____
 Inq./P.O. No. _____
 Bray Order No. _____
 Certified Correct By _____ Date _____

The High Performance Company
BRAY VALVE & CONTROLS
 A Subsidiary of BRAY INTERNATIONAL, Inc.

PARTS LIST AND DIMENSIONS (Metric)
BUTTERFLY VALVE, SERIES 31 SIZES 50-300

Series	Size	Part No.	Material Trim Code	Drawing No.
				ES12A-0014

