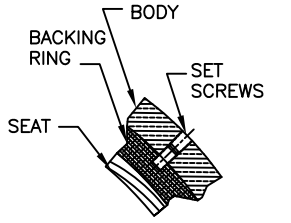
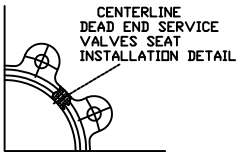
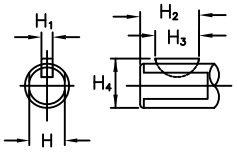
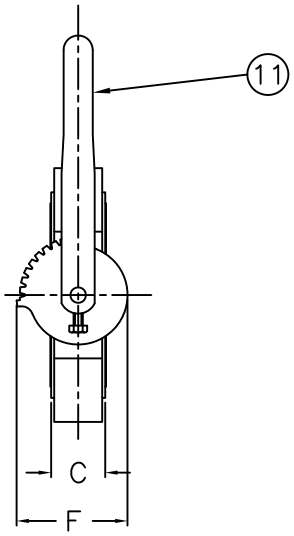
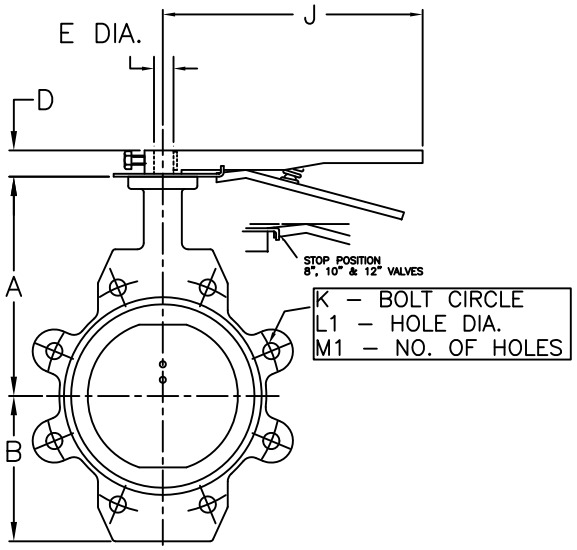




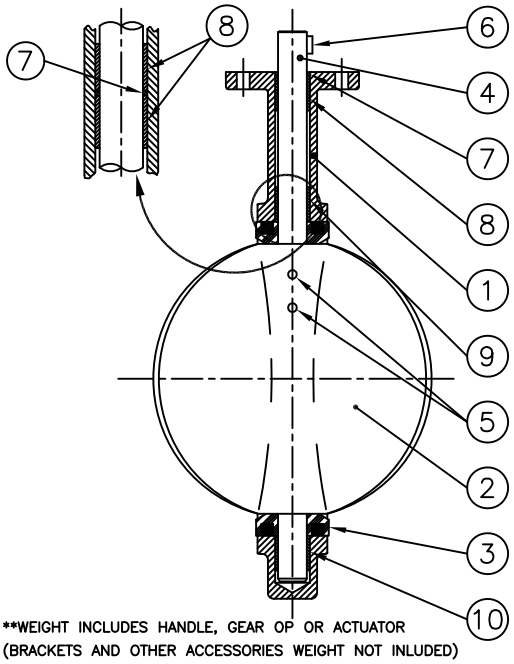


STEM/KEYWAY DETAIL





SIZE	A	B	C	D	E	F	G	H	H_1–H_2–H_3–H_4	J	K	L1	M1
2	6 3/8	3 3/16	1 7/8	1 1/4	1/2	2.25	N/A	0.39	1/8–5/8–1/2–9/16	10.5	4 3/4	5/8–11UNC	4
2 1/2	6 7/8	3 1/2	2	1 1/4	1/2	2.25	N/A	0.39	1/8–5/8–1/2–9/16	10.5	5 1/2	5/8–11UNC	4
3	7 1/8	3 3/4	2	1 1/4	1/2	2.25	N/A	0.39	1/8–5/8–1/2–9/16	10.5	6	5/8–11UNC	4
4	7 7/8	4 1/2	2 1/8	1 1/4	5/8	2.25	N/A	0.47	3/16–7/8–3/4–3/4	10.5	7 1/2	5/8–11UNC	8
5	8 3/8	5	2 3/8	1 1/4	3/4	2.25	N/A	0.55	3/16–1–3/4–13/16	10.5	8 1/2	3/4–10UNC	8
6	8 7/8	5 1/2	2 3/8	1 1/4	3/4	2.25	N/A	0.55	3/16–1–3/4–13/16	10.5	9 1/2	3/4–10UNC	8
8	10 1/4	6 7/8	2 1/2	1 3/4	7/8	3.34	N/A	0.67	3/16–1–3/4–1	14	11 3/4	3/4–10UNC	8
10	11 1/2	8	2 3/4	1 3/4	1 1/8	3.34	N/A	0.87	1/4–1 3/8–1–1 1/4	14	14 1/4	7/8–9UNC	12
12	13 1/4	9 5/8	3 1/8	1 3/4	1 1/4	3.34	N/A	0.95	1/4–1 3/8–1–1 3/8	14	17	7/8–9UNC	12



**WEIGHT INCLUDES HANDLE, GEAR OP OR ACTUATOR
(BRACKETS AND OTHER ACCESSORIES WEIGHT NOT INLUDED)

SIZE	**WEIGHT(lbs) LUG
2	8.8
2 1/2	9.8
3	15.8
4	27.8
5	29.8
6	32.8
8	53
10	76
12	109

BILL OF MATERIAL

ITEM	DESCRIPTION	MATERIALS	ASTM
1	BODY	DUCTILE IRON	ASTM A395
2	DISC	316 STAINLESS STEEL	ASTM A351–CF8M
* 3	SEAT	BUNA–N	
4	SHAFT	316 STAINLESS STEEL	ASTM A276
* 5	TAPER PIN	316 STAINLESS STEEL	ASTM A276
6	KEY	CARBON STEEL	
* 7	O RING	BUNA–N	
8	BUSHING	PTFE	
9	BUSHING	PTFE	
10	BUSHING	PTFE	
11	HANDLE		

* RECOMMENDED SPARE PARTS

NOTES:

1. "C" DIM. IS ELASTOMER SHOWN IN RELAXED CONDITION. APPROX. 1/8" TOTAL COMPRESSION REQUIRED FOR SEAL.
2. LINE FLANGE DIMENSIONS COMPLY WITH ANSI B16.1 CLASS 125 (Iron) and B16.5 Class 150 (Steel)
3. MSS–SP–67 TYPE 1

Fig. Number [ ][ ]CG044312

CUSTOMER:
CUSTOMER PO:
CRANE ORDER NO:
DATE:
CERTIFIED BY:

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CRANE

Crane Energy Flow Solutions
Conroe Operations
Montgomery, Texas, USA

DRAWING NAME:
2"–12" SERIES 200 DDES LUG BUTTERFLY VALVE WITH HANDLE 200 PSI

					DWG NO.: 2–12CG044312		REV. A
A	02/08/17	PA	36451		SCALE: NTS	SHEET: 1 OF 1	

CAD DRAWING FILE:
2–12CG044312_ECO36451.dwg