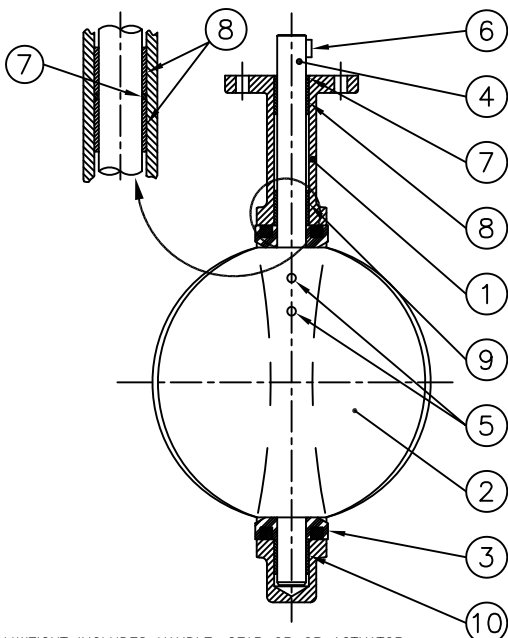


SIZE	A	B	C	D	E	F	G	H	H ₁ -H ₂ -H ₃ -H ₄	ØJ	K	L1	M1
2	6 3/8	3 3/16	1 7/8	1.66	9.52	2.52	N/A	0.39	1/8-5/8-1/2-9/16	12	4 3/4	5/8-11UNC	4
2 1/2	6 7/8	3 1/2	2	1.66	9.52	2.52	N/A	0.39	1/8-5/8-1/2-9/16	12	5 1/2	5/8-11UNC	4
3	7 1/8	3 3/4	2	1.66	9.52	2.52	N/A	0.39	1/8-5/8-1/2-9/16	12	6	5/8-11UNC	4
4	7 7/8	4 1/2	2 1/8	1.66	9.52	2.52	N/A	0.47	3/16-7/8-3/4-3/4	12	7 1/2	5/8-11UNC	8
5	8 3/8	5	2 3/8	1.66	9.52	2.52	N/A	0.55	3/16-1-3/4-13/16	12	8 1/2	3/4-10UNC	8
6	8 7/8	5 1/2	2 3/8	1.66	9.52	2.52	N/A	0.55	3/16-1-3/4-13/16	12	9 1/2	3/4-10UNC	8
8	10 1/4	6 7/8	2 1/2	1.53	9.04	3.12	N/A	0.67	3/16-1-3/4-1	12	11 3/4	3/4-10UNC	8
10	11 1/2	8	2 3/4	1.53	9.04	3.12	N/A	0.87	1/4-1 3/8-1-1 1/4	12	14 1/4	7/8-9UNC	12
12	13 1/4	9 5/8	3 1/8	1.53	9.04	3.12	N/A	0.95	1/4-1 3/8-1-1 3/8	12	17	7/8-9UNC	12



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	GEAR OPERATOR		

* RECOMMENDED SPARE PARTS

NOTES:

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

Fig. Number

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

SIZE	**WEIGHT (lbs.) LUG
2	34.1
2 1/2	35.1
3	41.1
4	53.1
5	55.1
6	58.1
8	80.7
10	103.7
12	136.7

CUSTOMER: _____

CUSTOMER PO: _____

CRANE ORDER NO: _____

DATE: _____

CERTIFIED BY: _____

PROPRIETARY NOTE
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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 GEAR OP 200 PSI

DWG NO.: 2-12CG044315

REV. A

SCALE: NTS SHEET: 1 OF 1

A 10/26/16 PA ECO 35385