20" LAY LENGTH

$6\frac{1}{8}$"

8" $6\frac{1}{8}$"

$1\frac{7}{16}$" TYP

10" TYP

$\phi 43\frac{3}{4}$" B.C.

$\phi 1\frac{1}{8}$"

$\phi 46$"

12"

$\frac{3}{16}$"

$8\frac{13}{16}$" $23\frac{3}{16}$" $25\frac{1}{16}$"

SHAFT INFORMATION

$2.831^{+.000}_{-.008}$ TYP

$43°$

$\phi 3.248^{+.000}_{-.008}$

$\phi 4.311 \pm .002$

$.75^{+.003}_{-.000}$ TYP
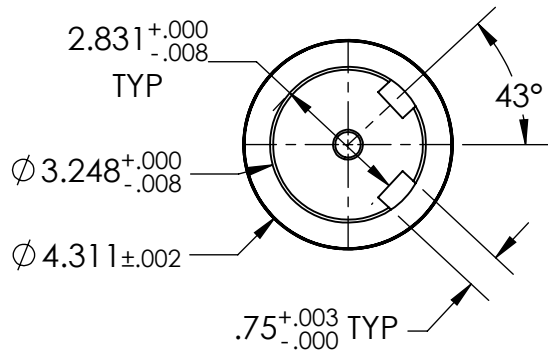
1. FLOW MAY BE IN EITHER DIRECTION
2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 REQUIREMENTS
3. REFERENCE AWWA C504 FOR FLANGES AND DRILLING (ANSI 125)
4. (24) 1" BOLTS ON MECH. JOINT
5. RATED FOR 150psi WORKING PRESSURE
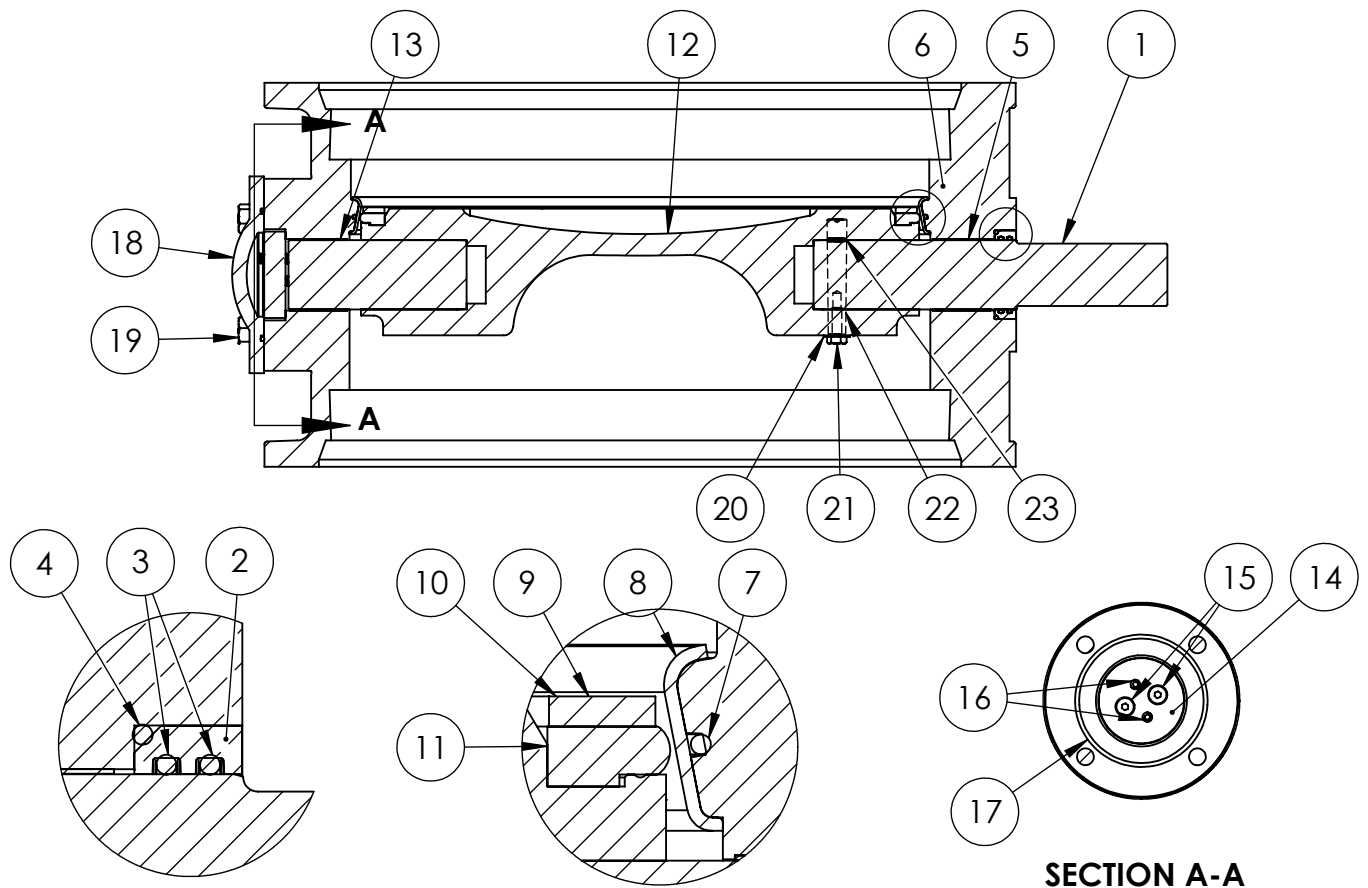6. GASKETS, GLANDS AND BOLTS FOR MECHANICAL JOINT FURNISHED WITH VALVE WHEN SPECIFIED ON ORDER

M&H VALVE COMPANY
A DIVISION OF McWANE INC.
P.O. BOX 2088
ANNISTON, ALABAMA 36202

DWG. NO.
BD36-M11-B0000-11110

DRAWN: EMW   REV. -

DATE: 04/09/2021

36" AWWA C504 BUTTERFLY VALVE
MECHANICAL JOINT - CL150
BARESTEM

SECTION A-A

ITEM NO.	DESCRIPTION	MATERIAL
1	OPERATOR SHAFT	304 STAINLESS STEEL, ASTM A-276
2	SHAFT CARTRIDGE SEAL	BRONZE
3	CARTRIDGE SEAL O-RING (INSIDE)	BUNA-N
4	CARTRIDGE SEAL O-RING (OUTSIDE)	BUNA-N
5	UPPER BODY BUSHING	FIBERGLIDE BACKED WITH STAINLESS STEEL
6	VALVE BODY	DUCTILE IRON, ASTM A-536, GR 70-50-05
7	BODY O-RING	EPDM
8	BODY SEAT RING	316 STAINLESS STEEL, ASTM A-276
9	VANE BOLTS	18-8 STAINLESS STEEL
10	VANE CLAMP RING	304 STAINLESS STEEL, ASTM A-276
11	VANE SEAT RING	EPDM
12	VANE	DUCTILE IRON, ASTM A-536, GRADE 70-50-05
13	LOWER BODY BUSHING	FIBERGLIDE BACKED WITH STAINLESS STEEL
14	THRUST BEARING	BRONZE
15	BEARING CAP SCREW	18-8 STAINLESS STEEL
16	BEARING SET SCREW	18-8 STAINLESS STEEL
17	END COVER O-RING	EPDM
18	END COVER	DUCTILE IRON, ASTM A-536, GR 70-50-05
19	END COVER BOLTS	18-8 STAINLESS STEEL
20	TAPER PIN WASHER	416 STAINLESS STEEL
21	TAPER PIN BOLT	304 STAINLESS STEEL
22	TAPER PIN	416 STAINLESS STEEL
23	TAPER PIN O-RING	EPDM

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DWG. NO.
BBCC-M11-B0000-11110

DRAWN: EMW

REV. -

DATE: 03/22/2021

30"-48" AWWA C504 BUTTERFLY VALVE
MECHANICAL JOINT - RATED CL150
BODY SUB-ASM MATERIAL LIST