

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. 29 TURNS TO CLOSE
5. (4) 5/8"-11 UNC HOLES, THREADED THRU
6. OPERATED BY 2" AWWA OPERATING NUT / WRENCH NUT
7. RATED AND TESTED FOR 150psi WORKING PRESSURE

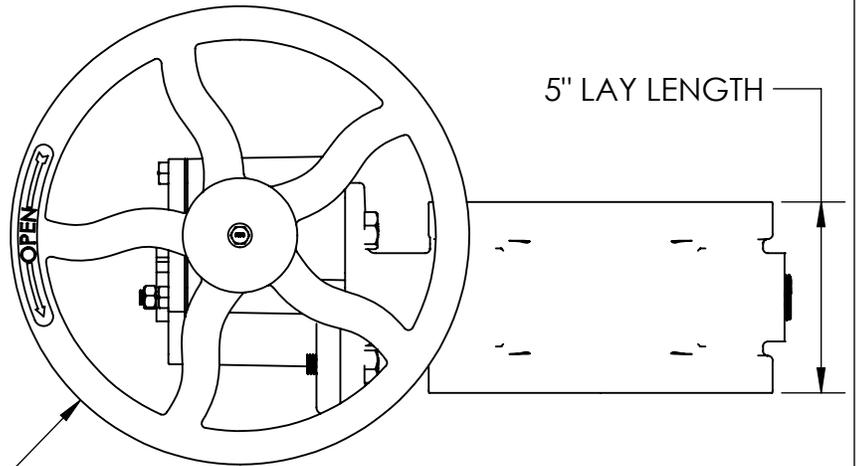
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

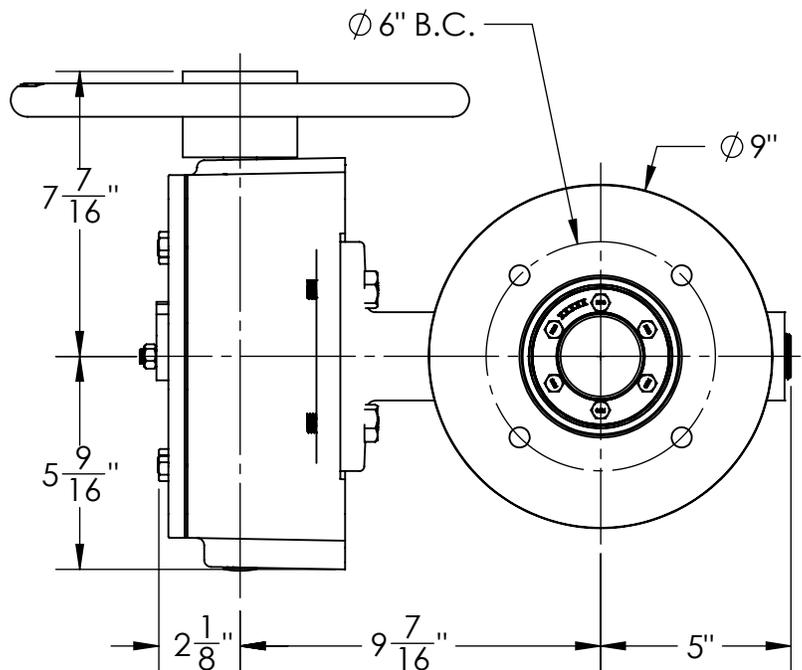
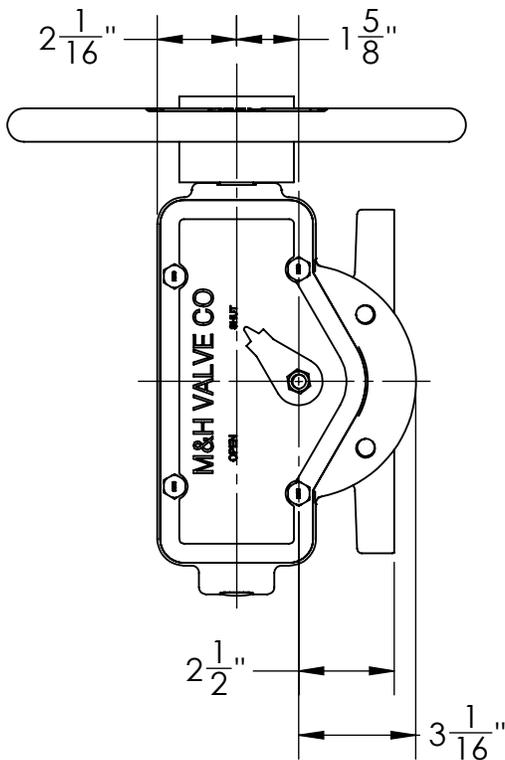
**DRAWN:** CTJ  
**DATE:** 6/30/2020  
**DWG. NO.**  
 BD03-F1-M11-000

**3" - Style 4500 BFV - CL150**  
**w/ F/A 12 MSS/ISO Connection**  
**BURIED OPERATOR - OPEN LEFT**  
**FLANGED ENDS**



Ø 12"

5" LAY LENGTH



Ø 6" B.C.

Ø 9"

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. 29 TURNS TO CLOSE
5. (4) 5/8"-11 UNC HOLES, THREADED THRU
6. OPERATED BY 12" HANDWHEEL
7. RATED AND TESTED FOR 150psi WORKING PRESSURE

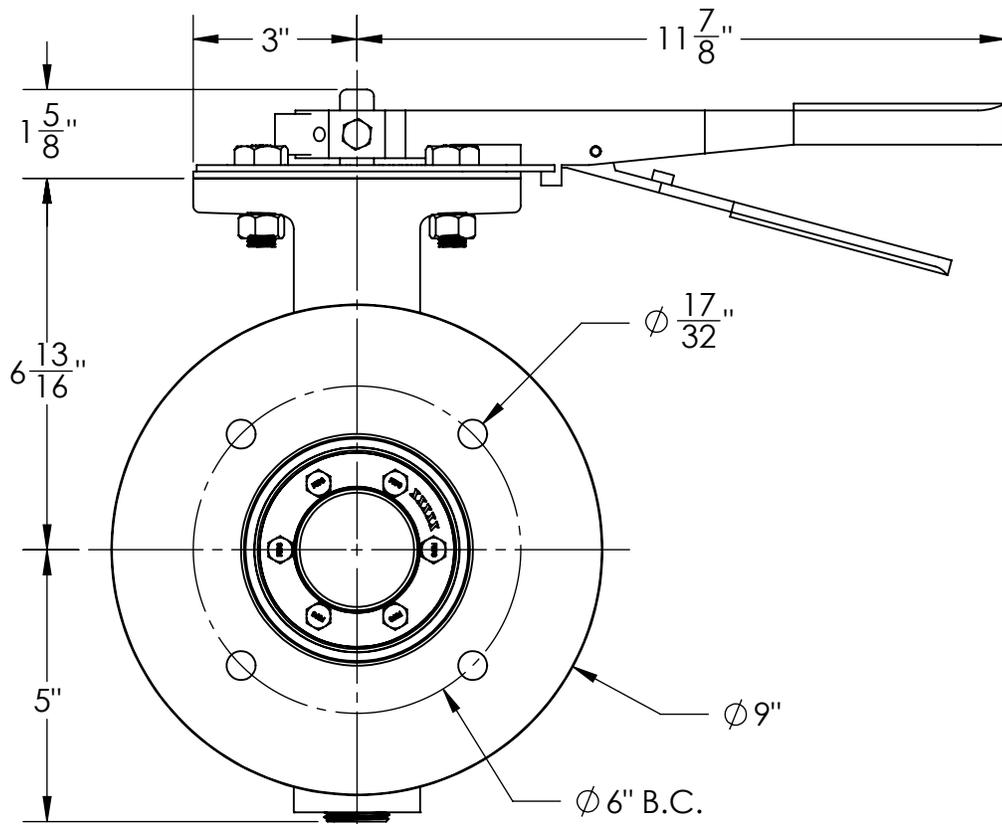
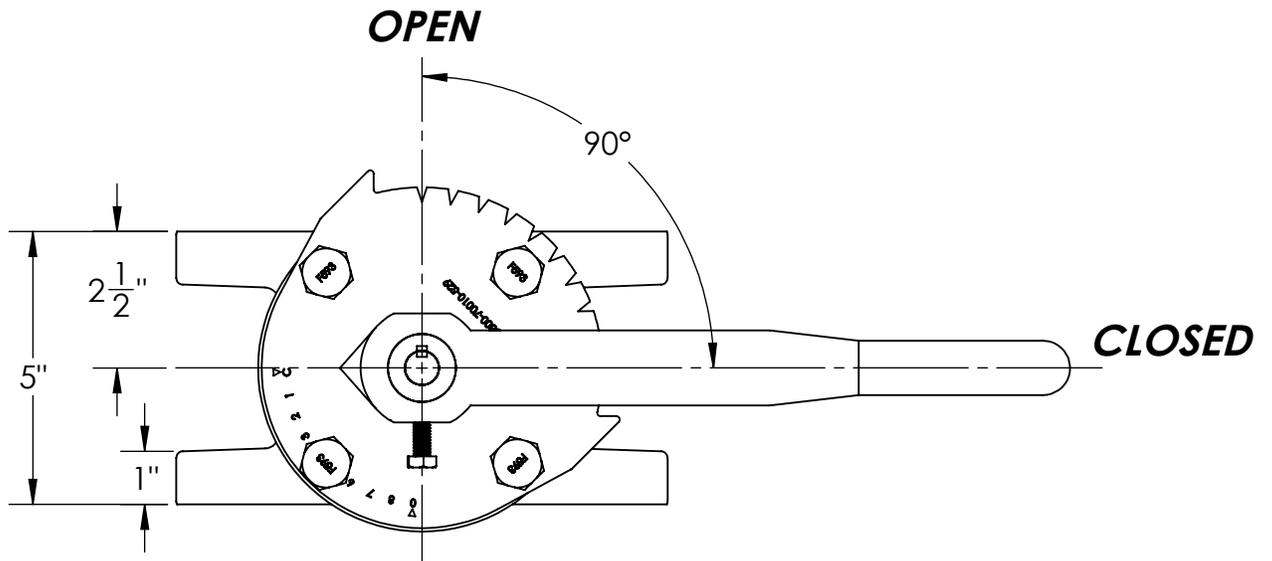
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**KENNEDY VALVE**  
Division of McWane, Inc.  
1021 East Water St.  
Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 6/30/2020  
**DWG. NO.**  
BD03-F1-M31-000

**3" - Style 4500 BFV - CL150**  
**w/ F/A 12 MSS/ISO Connection**  
**HANDWHEEL OPERATOR - OPEN LEFT**  
**FLANGED ENDS**



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. 4 BOLTS ON EACH FLANGE
5. 1/2" DIAMETER OF BOLTS
6. OPERATED BY 10 POSITION LEVER OPERATOR
7. RATED AND TESTED FOR 150psi WORKING PRESSURE

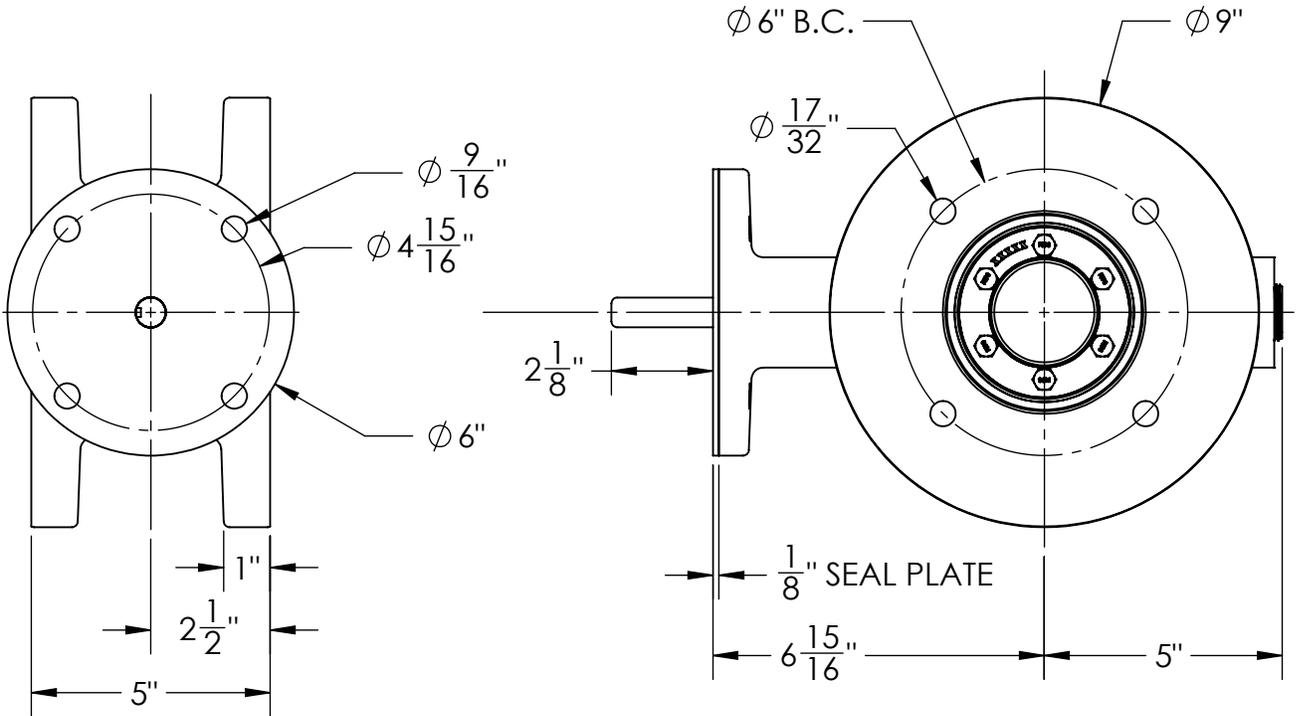
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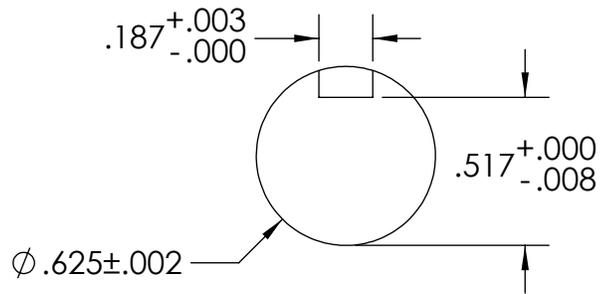
**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 3/18/20  
**DWG. NO.**  
 BD03-F1-L01-000

**3" - Style 4500 BFV - CL150**  
**w/ F/A 12 MSS/ISO Connection**  
**LEVER OPERATOR - FLANGED ENDS**



### SHAFT INFORMATION



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. 4 BOLTS ON EACH FLANGE
5. 1/2" DIAMETER OF BOLTS
6. RATED AND TESTED FOR 150psi WORKING PRESSURE

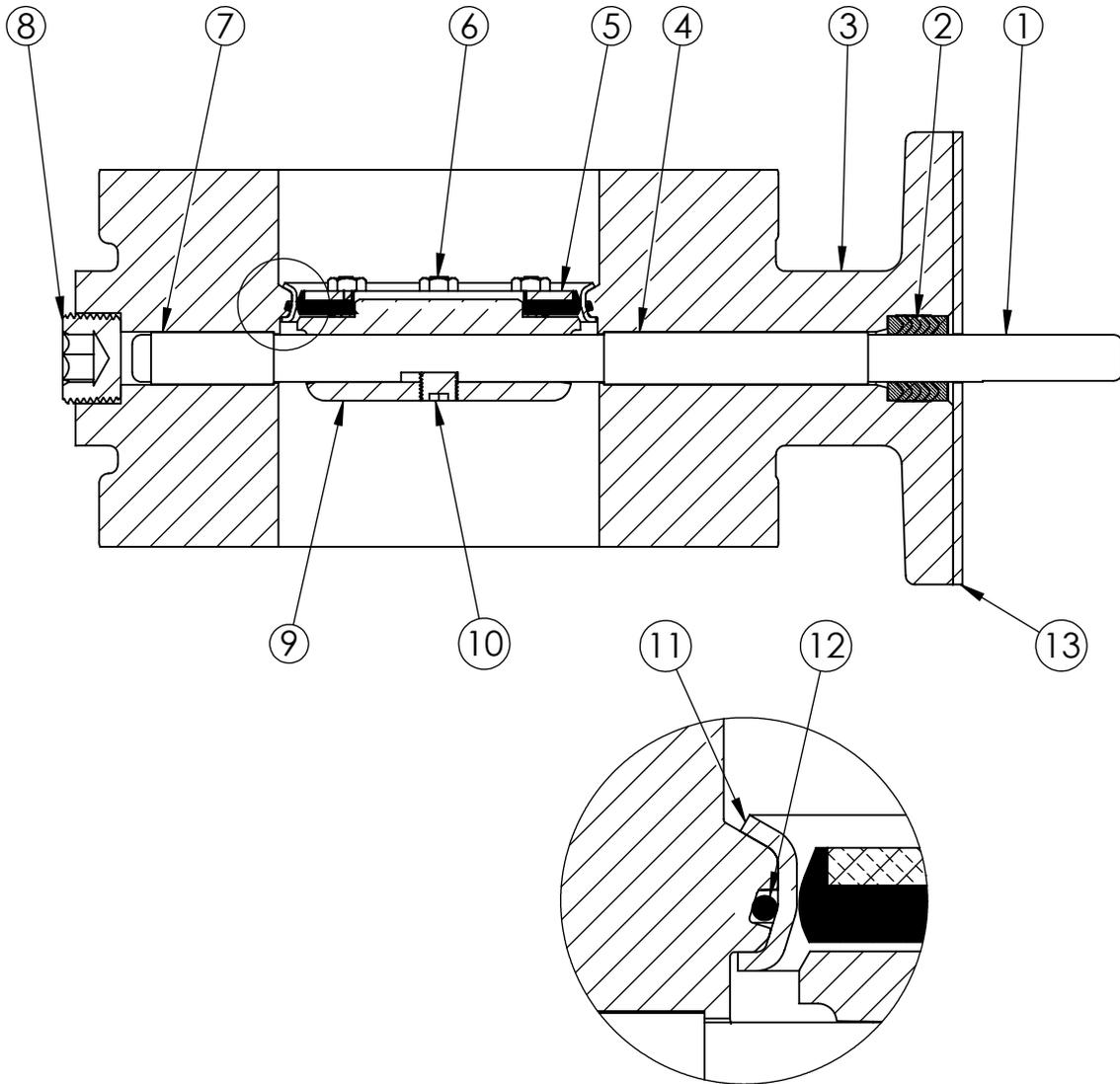
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Division of McWane, Inc.  
1021 East Water St.  
Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 3/18/20  
**DWG. NO.**  
BD03-F1-B01-000

**3" - Style 4500 BFV - CL150**  
**w/ F/A 12 MSS/ISO Connection**  
**BARE STEM - FLANGED ENDS**



ITEM NO.	DESCRIPTION	MATERIAL
1	VANE SHAFT	304 STAINLESS STEEL, ASTM A-276
2	V-RING PACKING SET	EPDM, BUNA-N
3	BFV BODY	DUCTILE IRON, ASTM A-536
4	UPPER JOURNAL BEARING	NYLATRON
5	VANE SEAT RING	EPT W/ SS INSERT
6	HEX HEAD CAPSCREW	18-8 STAINLESS STEEL W/ NYLOC PATCH
7	LOWER JOURNAL BEARING	NYLATRON
8	BFV BODY END PLUG	STEEL
9	BFV VANE	DUCTILE IRON, ASTM A-536
10	VANE SHAFT TORQUE PLUG	18-8 STAINLESS STEEL
11	BODY SEAT RING	316 STAINLESS STEEL
12	BODY O-RING	BUNA-N
13	ISO FA12 SEAL (FOR BOUGHT OPER.)	COMMERCIAL STEEL

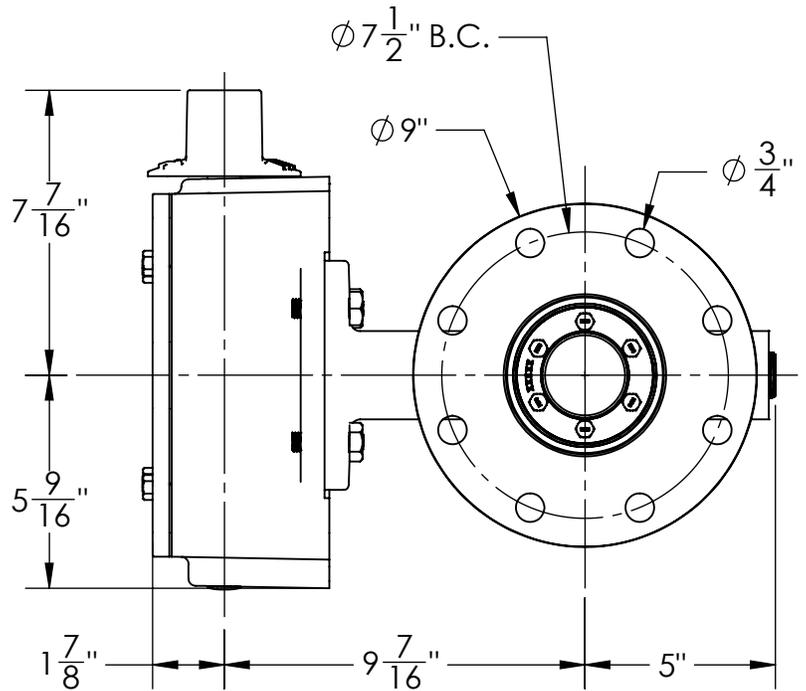
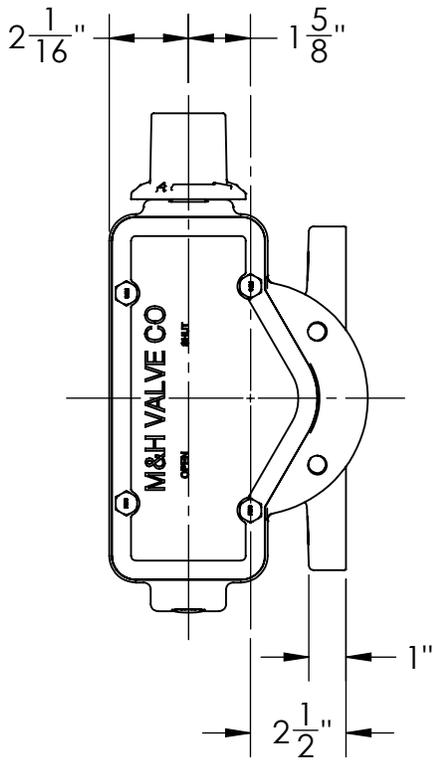
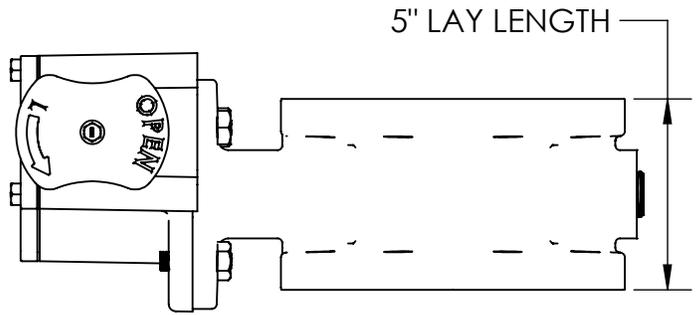
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**KENNEDY VALVE**  
Division of McWane, Inc.  
1021 East Water St.  
Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 3/18/20  
**DWG. NO.**  
BB03-F1-B01-000

**3" AWWA C504 - Style 4500 - CL150  
BFV with F/A 12 MSS/ISO Connection  
Sub-Assembly - Material List  
FLANGED END**



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. 29 TURNS TO CLOSE
5. (8) 5/8" DIAMETER BOLTS (NO THREADED HOLES)
6. OPERATED BY 2" AWWA OPERATING NUT / WRENCH NUT
7. RATED AND TESTED FOR 150psi WORKING PRESSURE

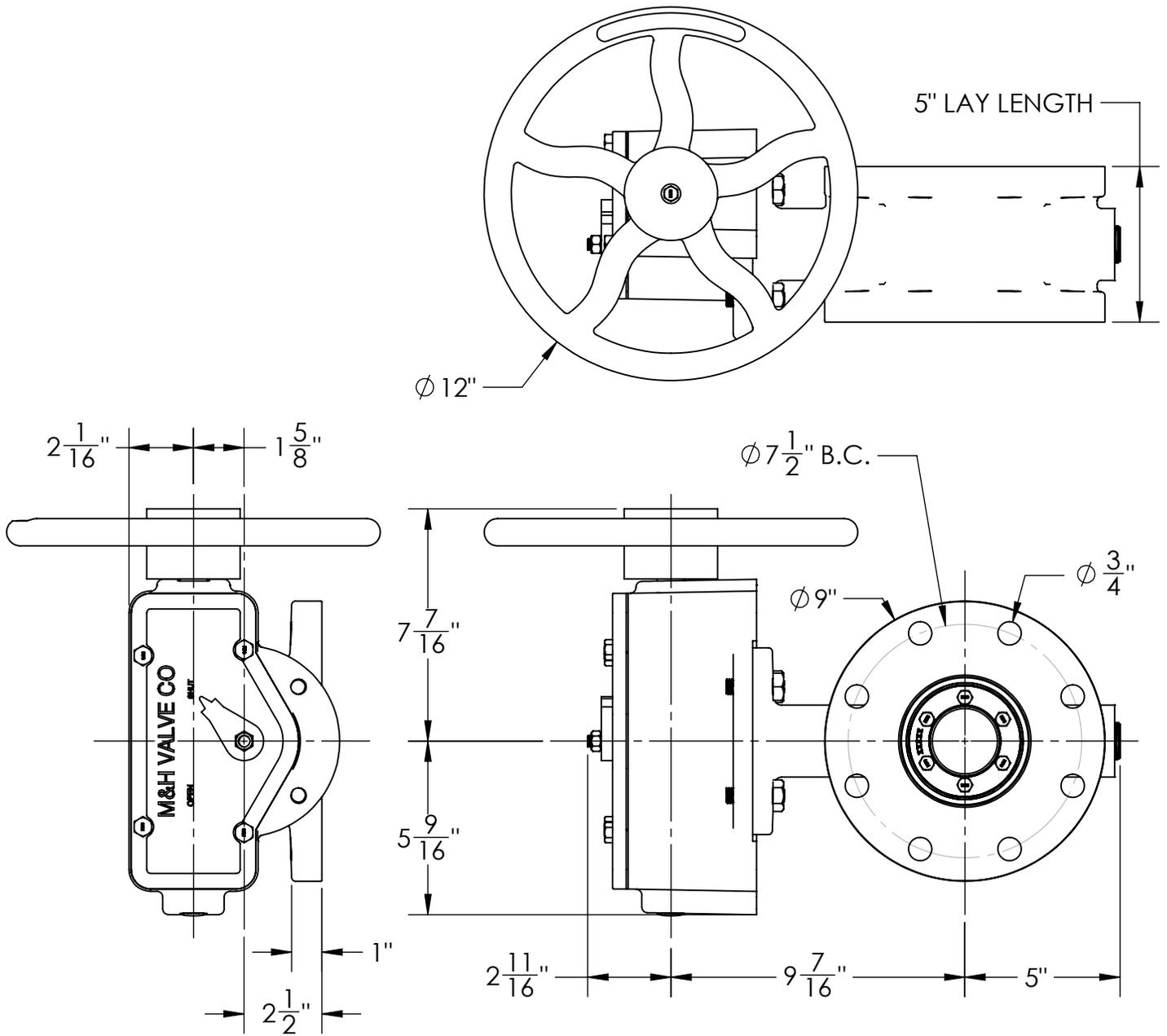
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 6/30/2020  
**DWG. NO.**  
 BD04-F1-M11-000

**4" - Style 4500 BFV - CL150**  
**w/ F/A 12 MSS/ISO Connection**  
**FLANGED ENDS**  
**BURIED Operator - OPEN LEFT**



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. 29 TURNS TO CLOSE
5. (8) 5/8" DIAMETER BOLTS (NO THREADED HOLES)
6. OPERATED BY 12" HANDWHEEL
7. RATED AND TESTED FOR 150psi WORKING PRESSURE

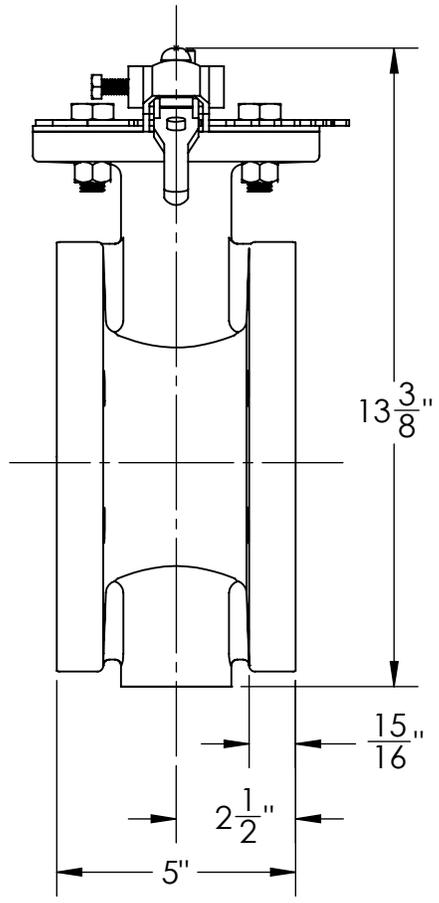
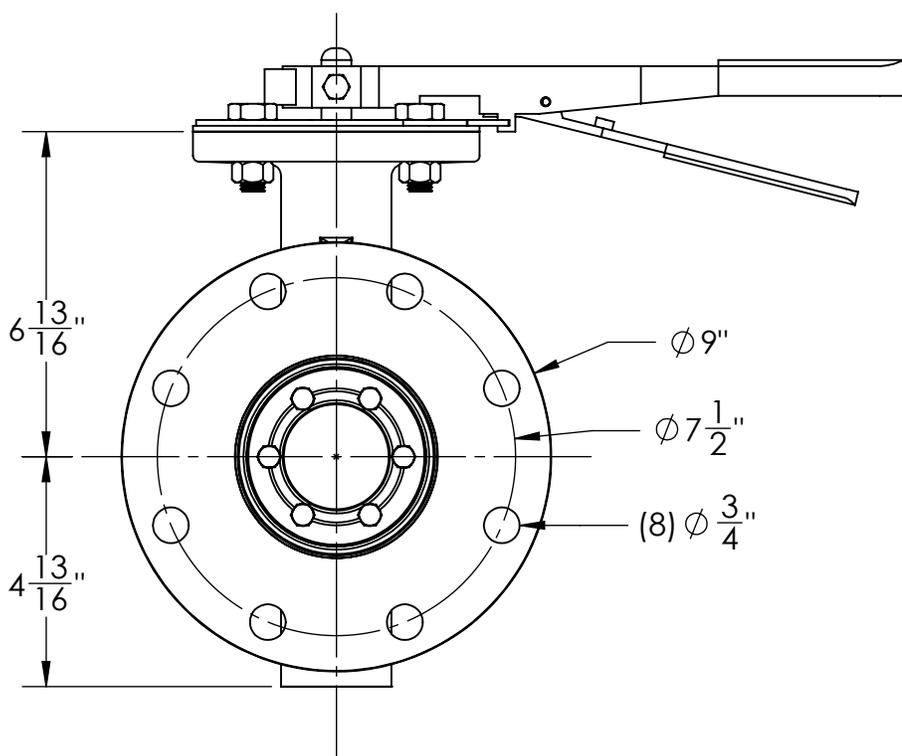
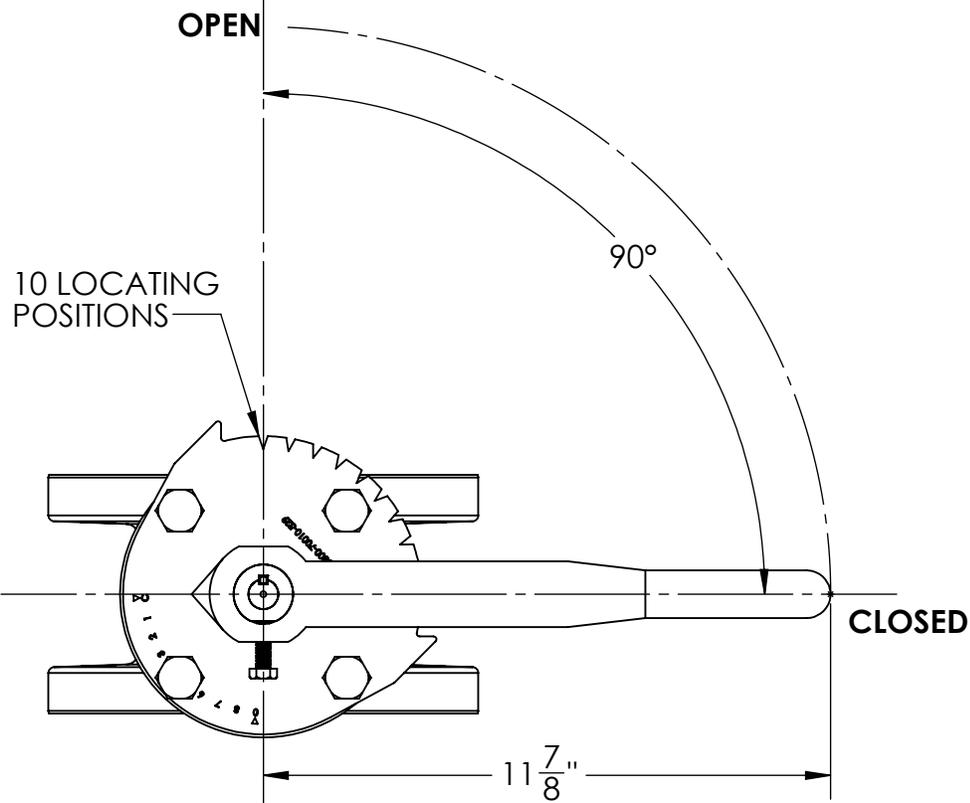
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**KENNEDY VALVE**  
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 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 4/16/2020  
**DWG. NO.**  
 BD04-F1-M31-000

**4" - Style 4500 BFV - CL150**  
**w/ F/A 12 MSS/ISO Connection**  
**FLANGED ENDS**  
**Handwheel Operator - OPEN LEFT**



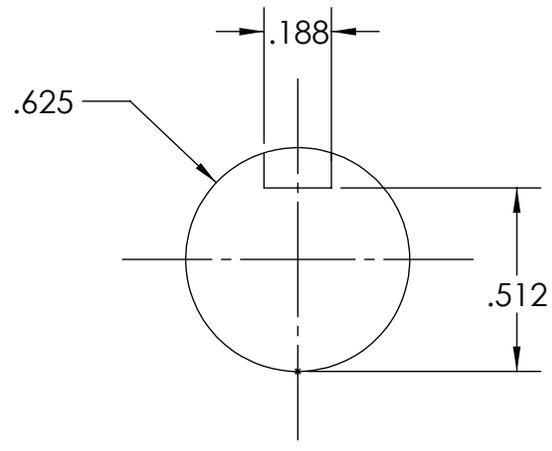
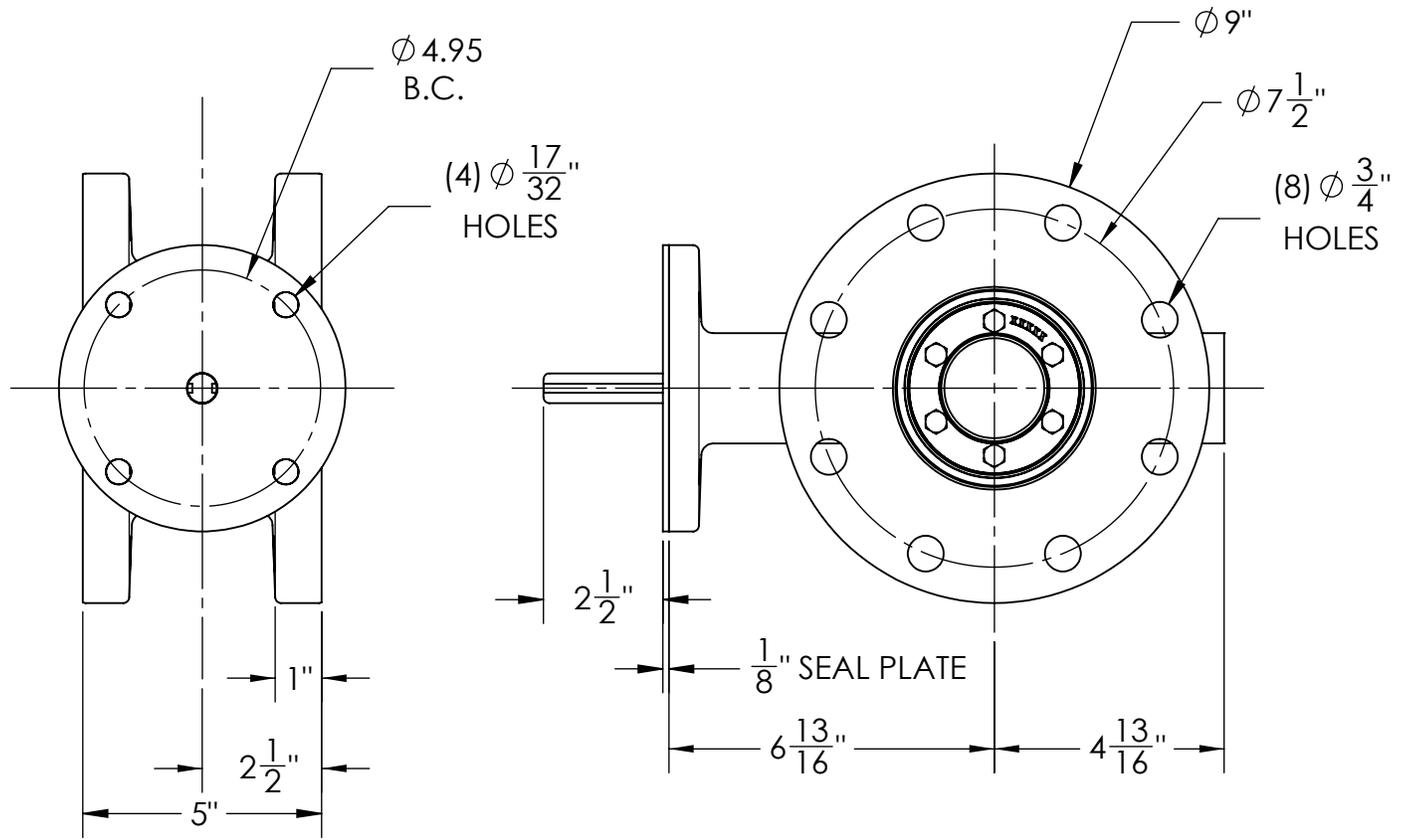
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**KENNEDY VALVE**  
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 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** ZF  
**DATE:** 11/30/2018  
**DWG. NO.** B04FAL1100

4" ISO BFV FLANGED END  
 W/ FA12 MOUNTING  
 LEVER OPERATOR



SHAFT/KEYWAY DIM.

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. (8)  $\phi$  3/4" BOLTS/BOLTS ON EACH FLANGE
5. RATED AND TESTED FOR 150psi WORKING PRESSURE

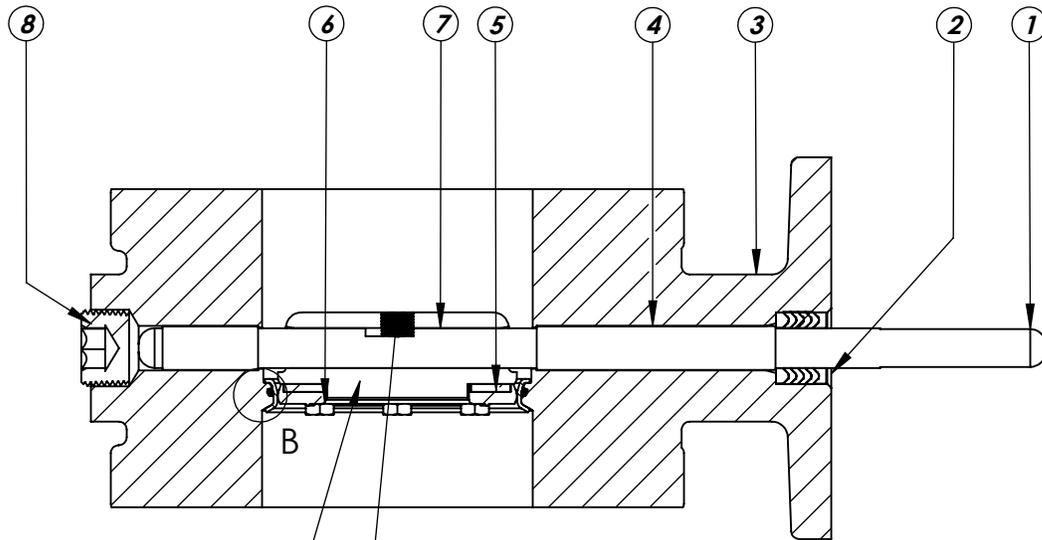
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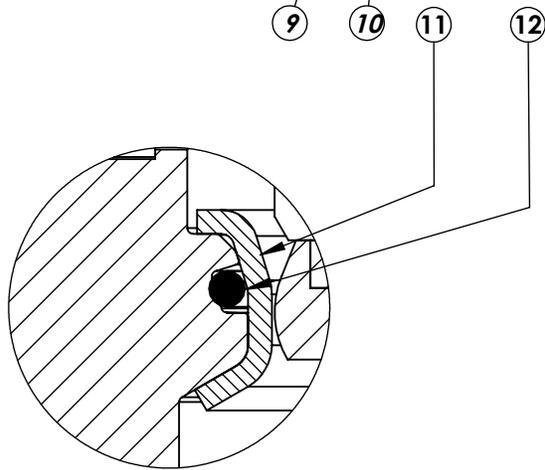
**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 4/18/2019  
**DWG. NO.** BD04-F1-B01-000

4" AWWA C504 - STYLE 4500 - CL150  
 BFV W/ F/A 12 MSS/ISO Connection  
 FLANGED END - BARE STEM



SECTION A-A  
SCALE 1 : 3



DETAIL B  
SCALE 2 : 1

ITEM NO.	DESCRIPTION	MATERIAL
1	VANE SHAFT	304 STAINLESS STEEL, ASTM A-276
2	V-RING PACKING SET	EPDM, BUNA-N
3	BFV BODY	DUCTILE IRON ASTM A-536
4	UPPER JOURNAL BEARING	NYLATRON
5	VANE SEAT RING	EPT with SS INSERT
6	HEX HEAD CAPSCREW	18-8 STAINLESS STEEL with NYLOC PATCH
7	LOWER JOURNAL BEARING	NYLATRON
8	BFV BODY END PLUG	STEEL
9	BFV VANE	DUCTILE IRON ASTM A-536
10	VANE SHAFT TORQUE PLUG	18-8 STAINLESS STEEL
11	BODY SEAT RING	316 STAINLESS STEEL
12	BODY SEAT O-RING	BUNA-N

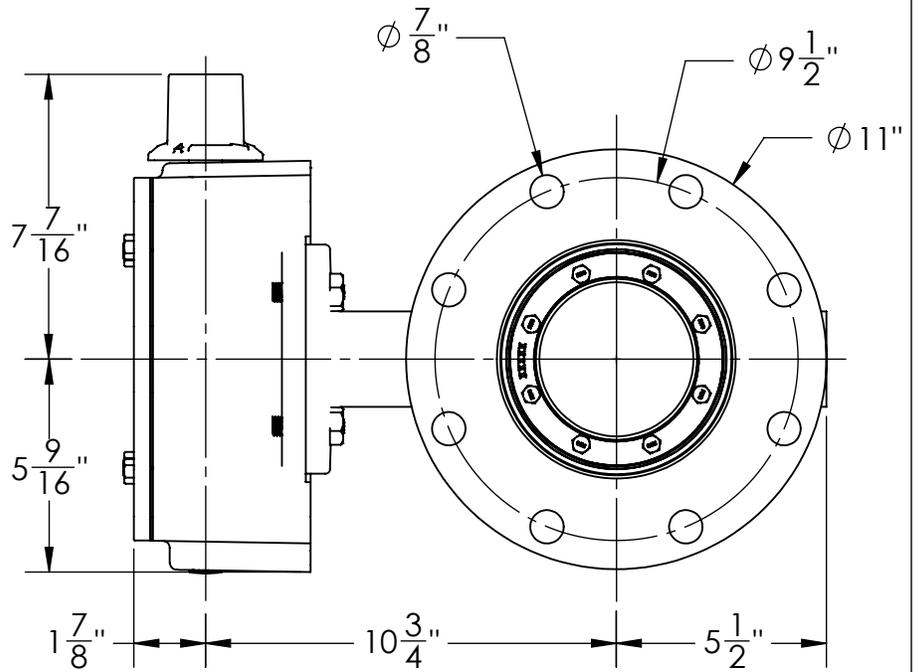
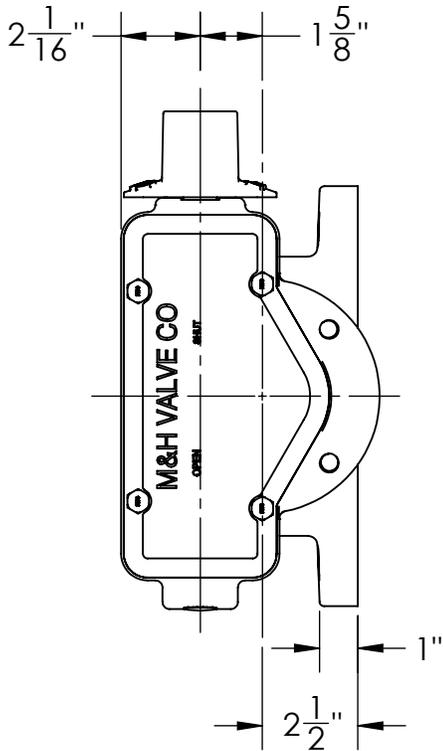
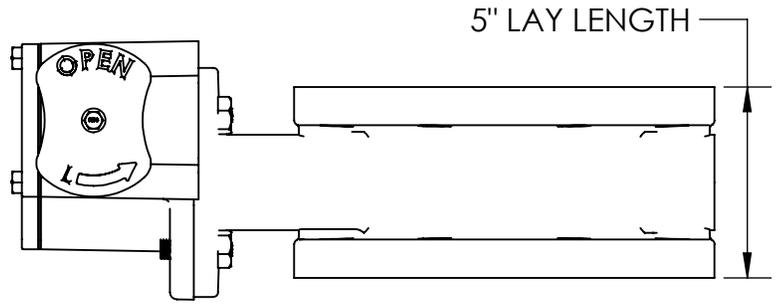
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**KENNEDY VALVE**  
Division of McWane, Inc.  
1021 East Water St.  
Elmira, NY 14901

DRAWN: ZF  
DATE: 1/4/17  
DWG. NO. B04FBB11

**4" AWWA C504 - Style 4500 - CL150  
BFV with F/A 12 MSS/ISO Connection  
Sub-Assembly - Material List  
FLANGED END**



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. 29 NUMBER OF TURNS TO CLOSE
5. (8) 3/4" BOLTS ON EACH FLANGE (NO THREADED HOLES)
6. OPERATED BY 2" AWWA OPERATING / WRENCH NUT
7. RATED AND TESTED FOR 150psi WORKING PRESSURE

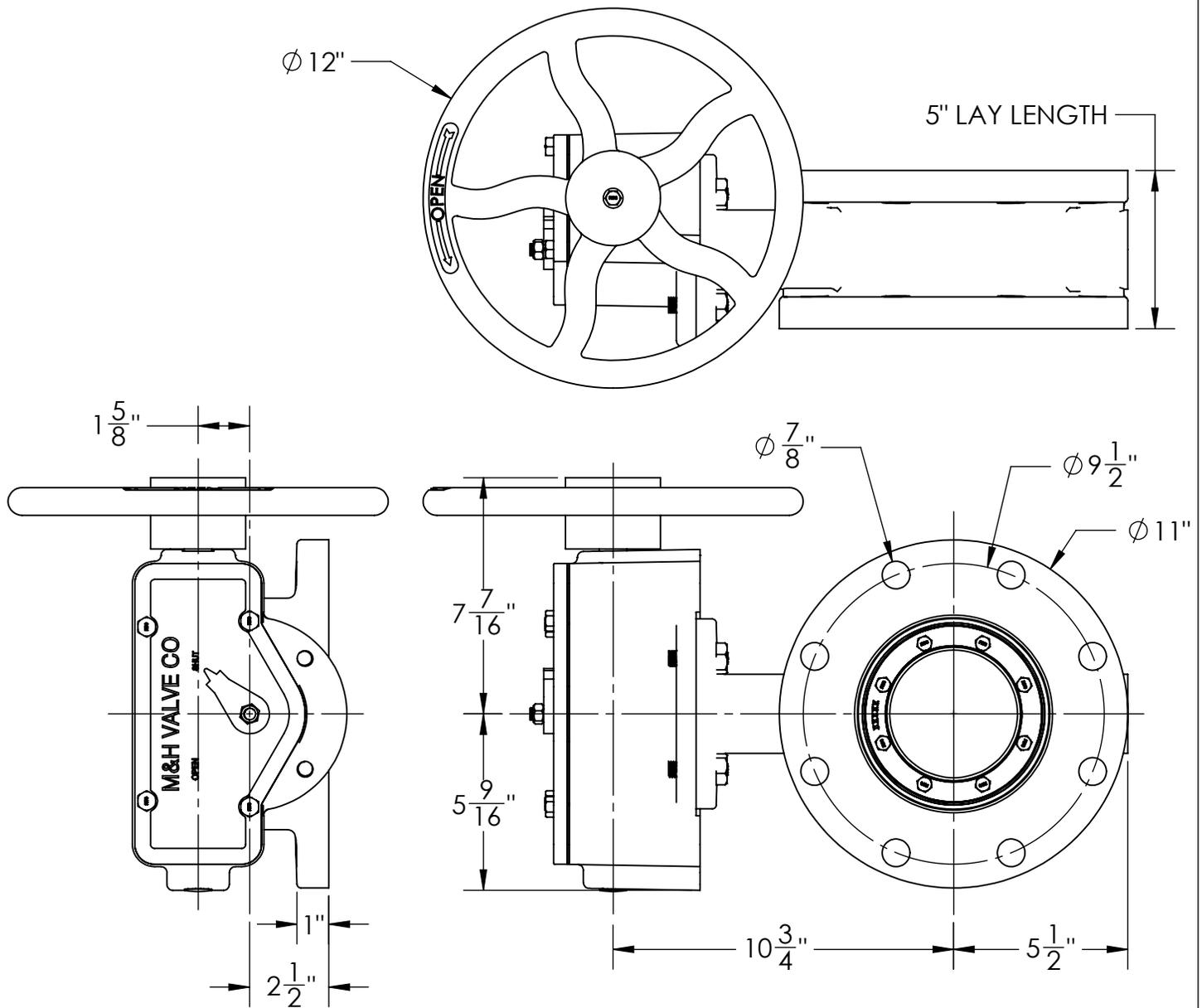
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 5/4/2020  
**DWG. NO.**  
 BD06-F1-M11-000

6" - Style 4500 - CL150  
 BFV with F/A 12 MSS/ISO Connection  
 BURIED Operator - OPEN LEFT  
 FLANGED ENDS



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. 29 NUMBER OF TURNS TO CLOSE
5. (8) 3/4" BOLTS ON EACH FLANGE (NO THREADED HOLES)
6. OPERATED BY 12" HANDWHEEL
7. RATED AND TESTED FOR 150psi WORKING PRESSURE

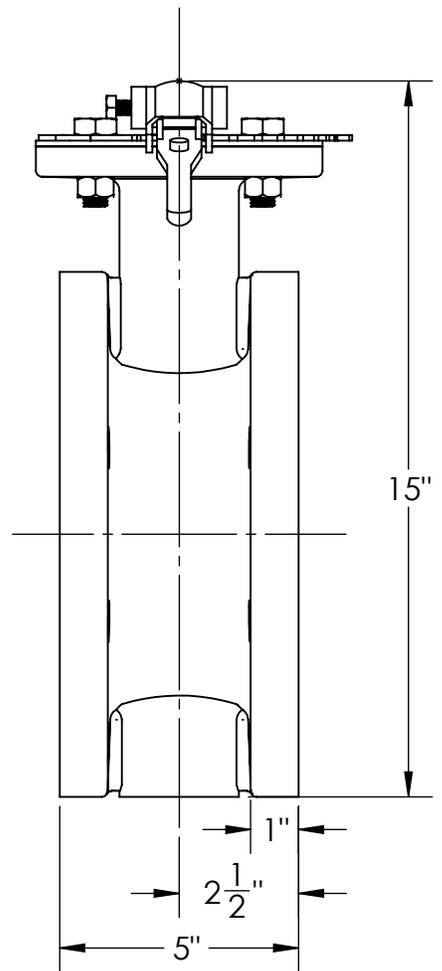
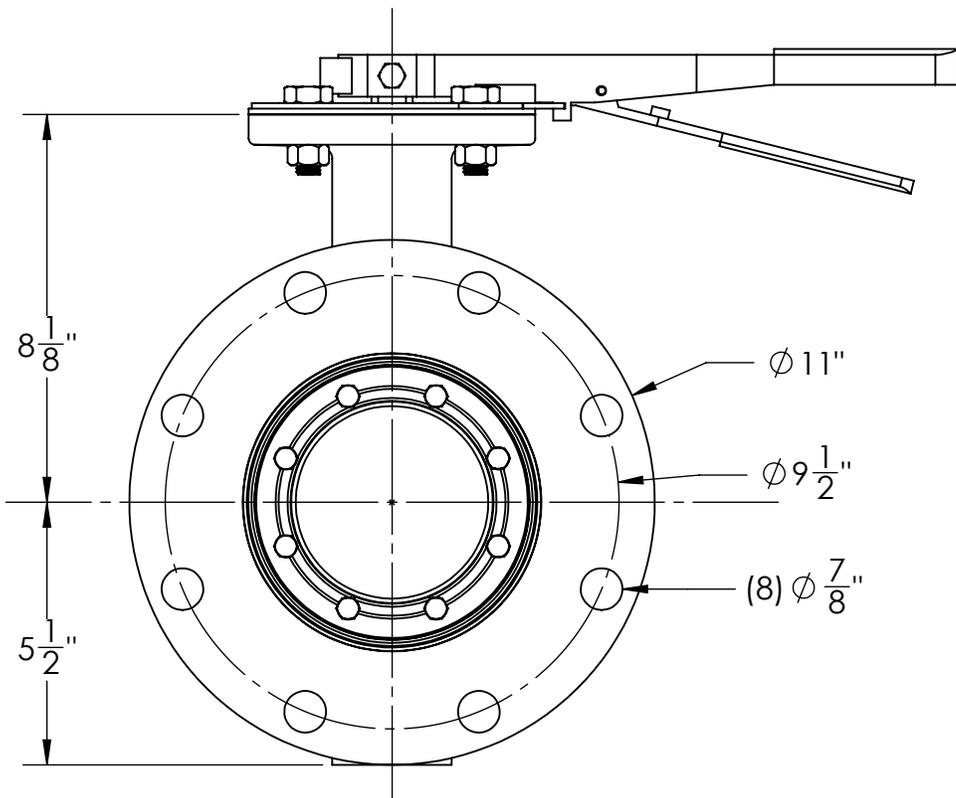
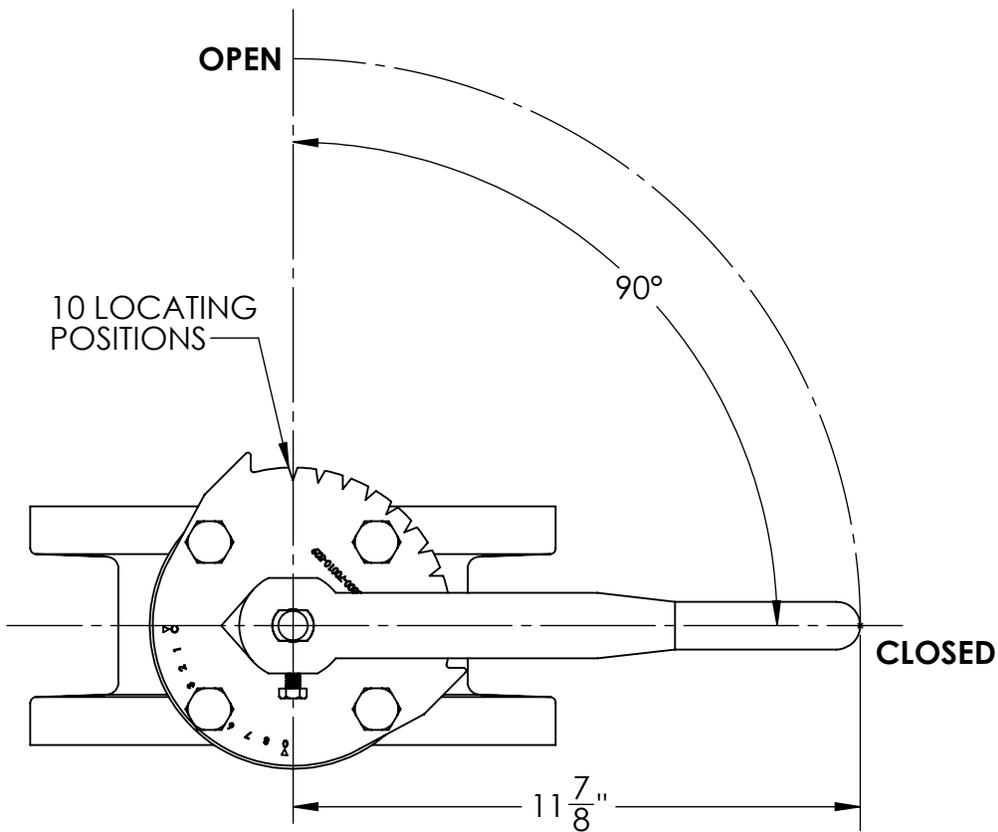
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 7/1/2020  
**DWG. NO.**  
 BD06-F1-M31-000

**6" - Style 4500 - CL150**  
**BFV with F/A 12 MSS/ISO Connection**  
**FLANGED ENDS**  
**HAND WHEEL Operator - OPEN LEFT**



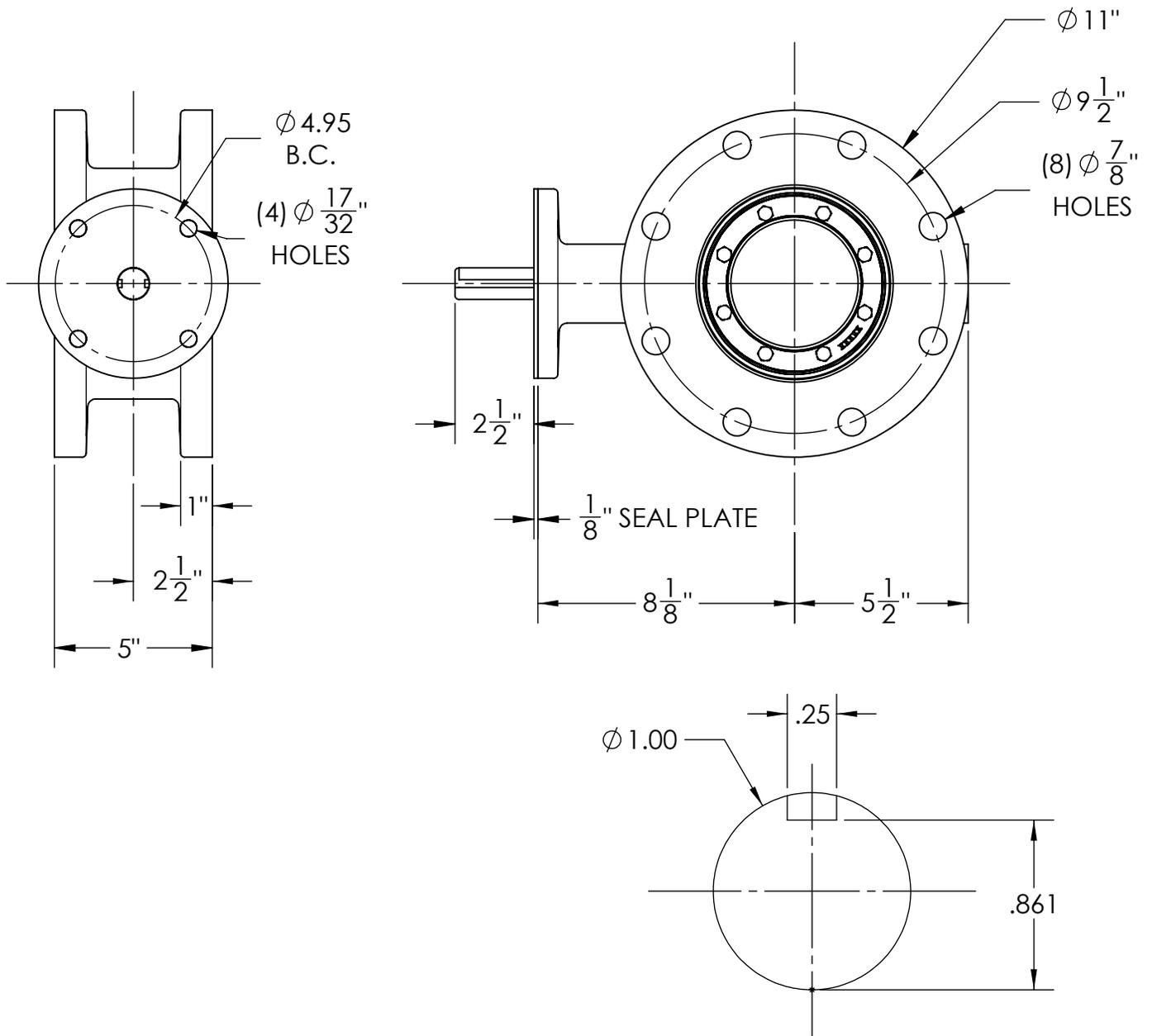
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**KENNEDY VALVE**  
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 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** ZF  
**DATE:** 11/30/2018  
**DWG. NO.** B06FAL1100

6" ISO BFV FLANGED END  
 W/ FA12 MOUNTING  
 LEVER OPERATOR



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. 8 BOLTS ON EACH FLANGE
5.  $\phi 7/8"$  BOLTS
6. RATED AND TESTED FOR 150psi WORKING PRESSURE

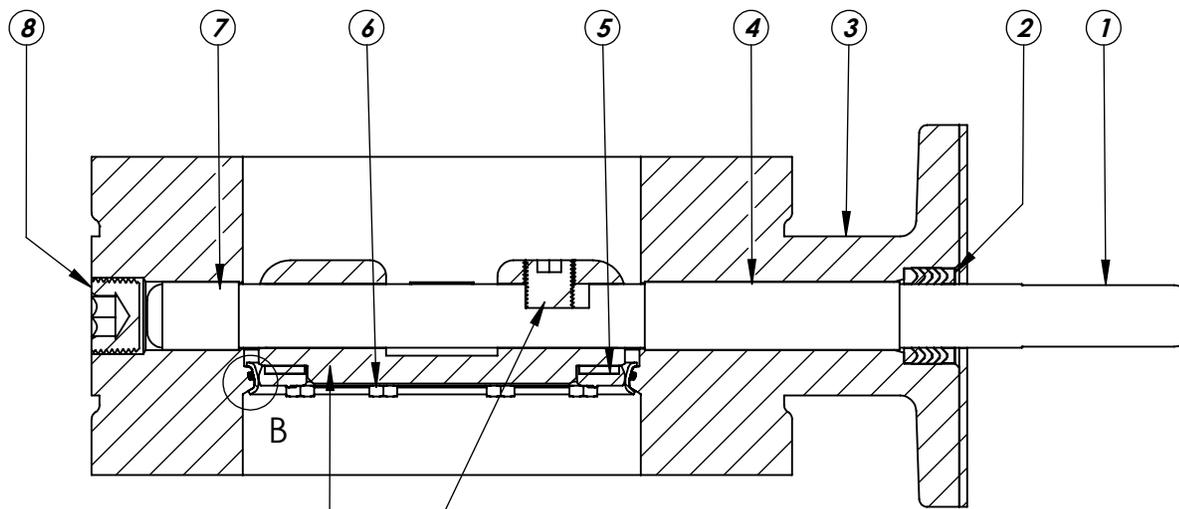
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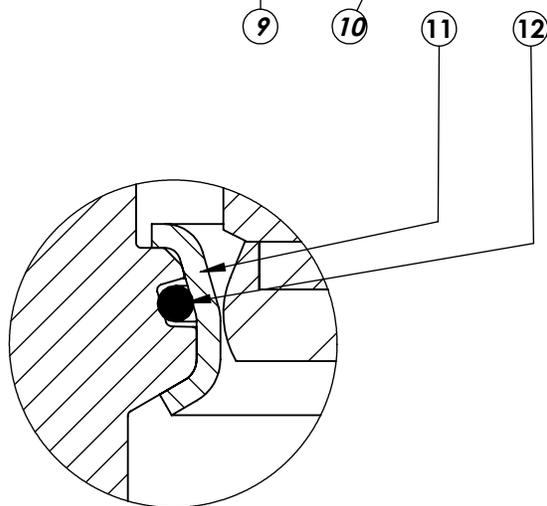
**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 4/22/2019  
**DWG. NO.**  
 BD06-F1-B01-000

6" AWWA C504 - STYLE 4500 - CL150  
 BFV W/ F/A 12 MSS/ISO Connection  
 FLANGED END - BARE STEM



SECTION A-A  
SCALE 1 : 3



DETAIL B  
SCALE 2 : 1

ITEM NO.	DESCRIPTION	MATERIAL
1	VANE SHAFT	304 STAINLESS STEEL, ASTM A-276
2	V-RING PACKING SET	EPDM, BUNA-N
3	BFV BODY	DUCTILE IRON ASTM A-536
4	UPPER JOURNAL BEARING	NYLATRON
5	VANE SEAT RING	EPT with SS INSERT
6	HEX HEAD CAPSCREW	18-8 STAINLESS STEEL with NYLOC PATCH
7	LOWER JOURNAL BEARING	NYLATRON
8	BFV BODY END PLUG	STEEL
9	BFV VANE	DUCTILE IRON ASTM A-536
10	VANE SHAFT TORQUE PLUG	18-8 STAINLESS STEEL
11	BODY SEAT RING	316 STAINLESS STEEL
12	BODY SEAT O-RING	BUNA-N

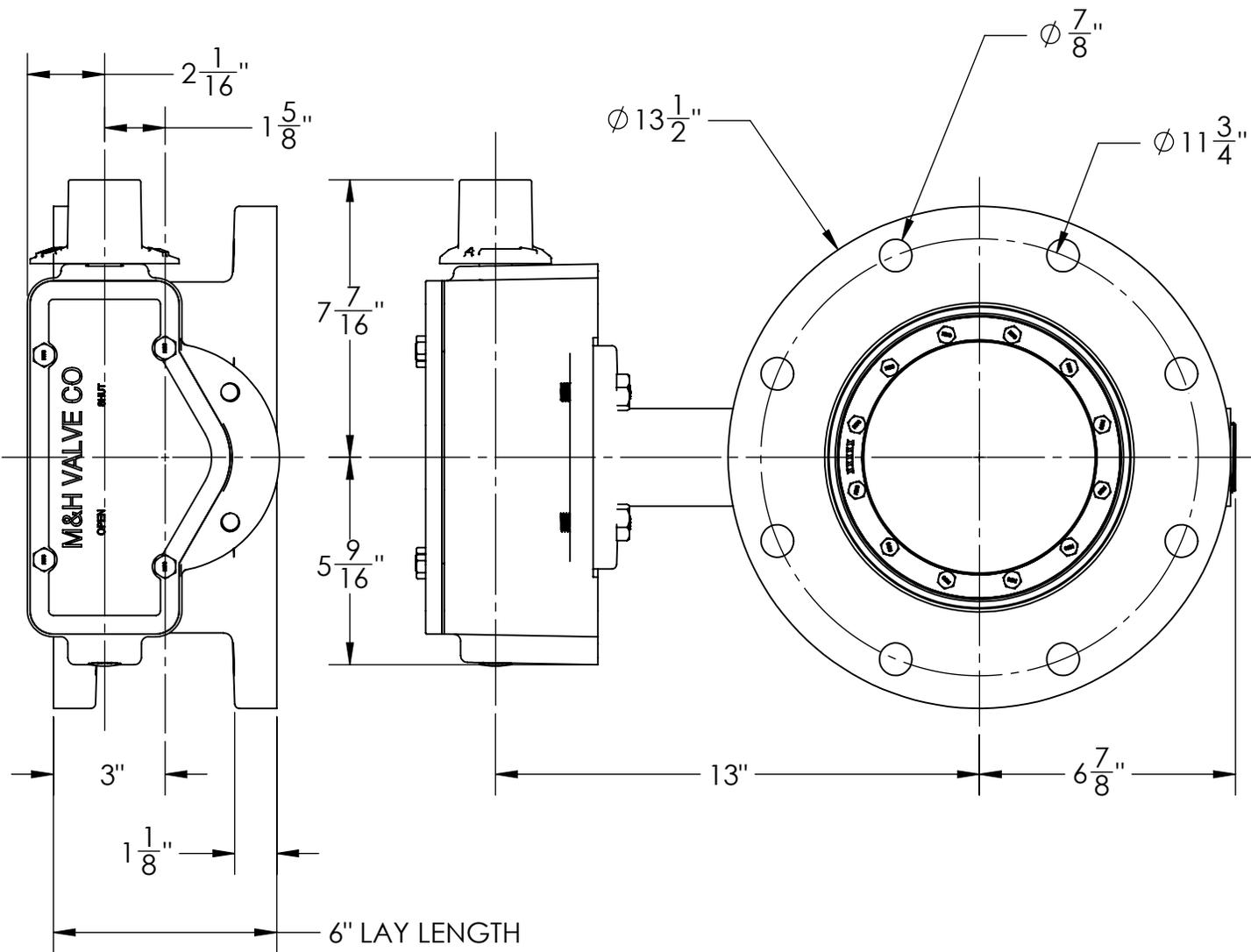
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**KENNEDY VALVE**  
Division of McWane, Inc.  
1021 East Water St.  
Elmira, NY 14901

DRAWN: ZF  
DATE: 1/6/17  
DWG. NO. B06FBB11

**6" AWWA C504 - Style 4500 - CL150  
BFV with F/A 12 MSS/ISO Connection  
Sub-Assembly - Material List  
FLANGED END**



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. 29 TURNS TO CLOSE
5. (8) 3/4" BOLTS ON EACH FLANGE (NO THREADED HOLES)
6. OPERATED BY 2" AWWA OPERATING NUT / WRENCH NUT
7. RATED FOR 150psi WORKING PRESSURE

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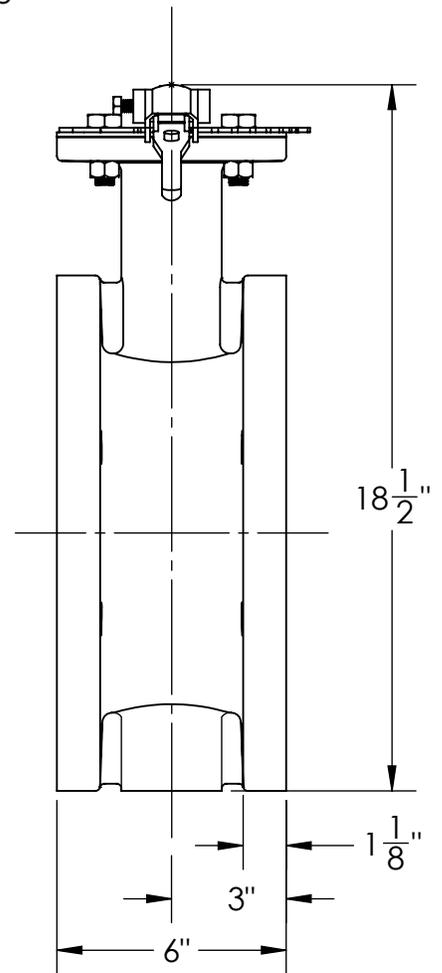
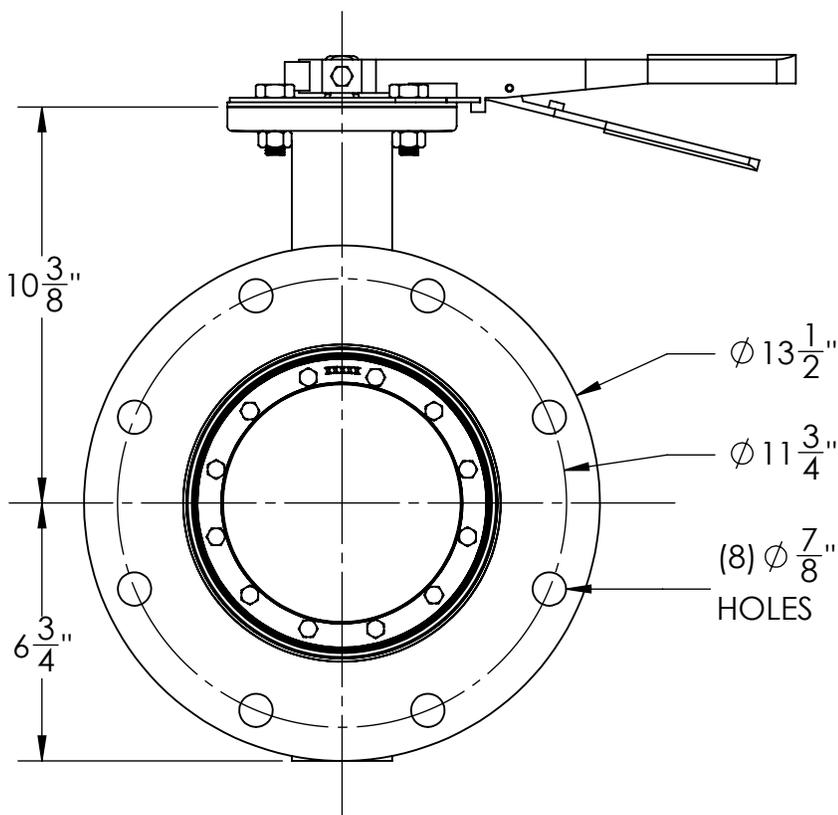
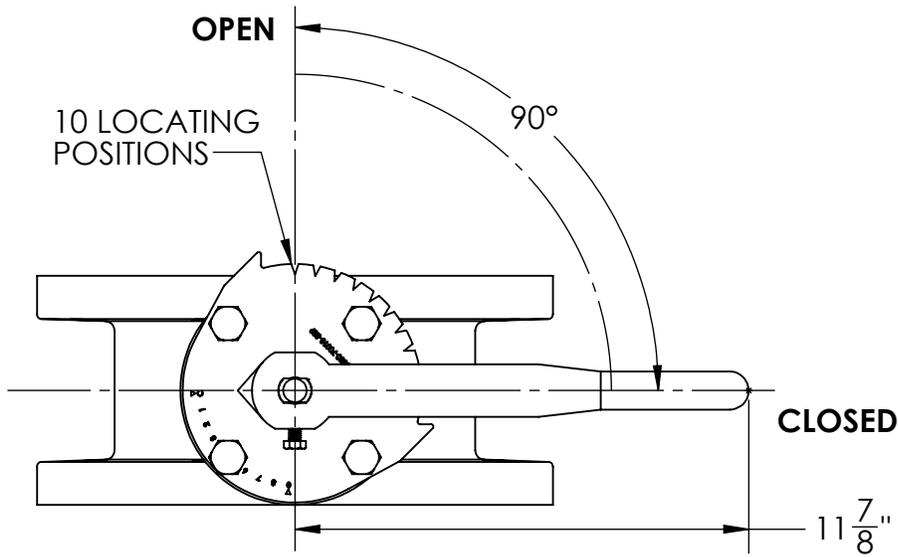


**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 7/2/2020  
**DWG. NO.**  
 BD08-F1-M11-000

**8" - Style 4500 BFV - CL150  
 F/A12 MSS/ISO Connection  
 FLANGED ENDS  
 BURIED Operator - Open Left**





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. 8 BOLTS ON EACH FLANGE
5.  $\phi$  3/4" BOLTS
6. RATED AND TESTED FOR 150psi WORKING PRESSURE

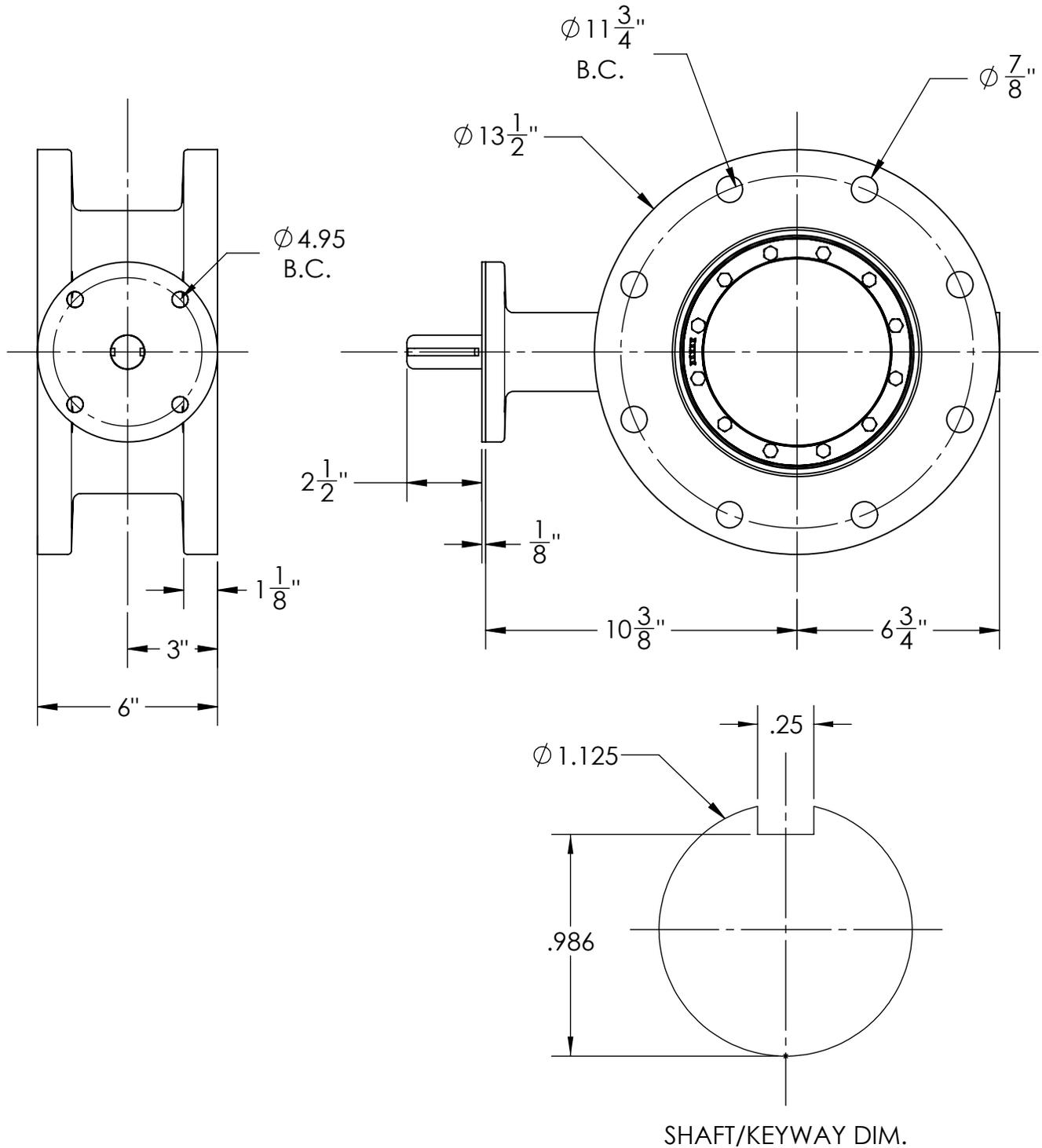
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 4/24/2019  
**DWG. NO.**  
 BD08-F1-L01-000

8" ISO BFV FLANGED END  
 W/ FA12 MOUNTING  
 LEVER OPERATOR



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. 8 BOLTS ON EACH FLANGE
5.  $\phi 3/4$ " BOLTS
6. RATED AND TESTED FOR 150psi WORKING PRESSURE

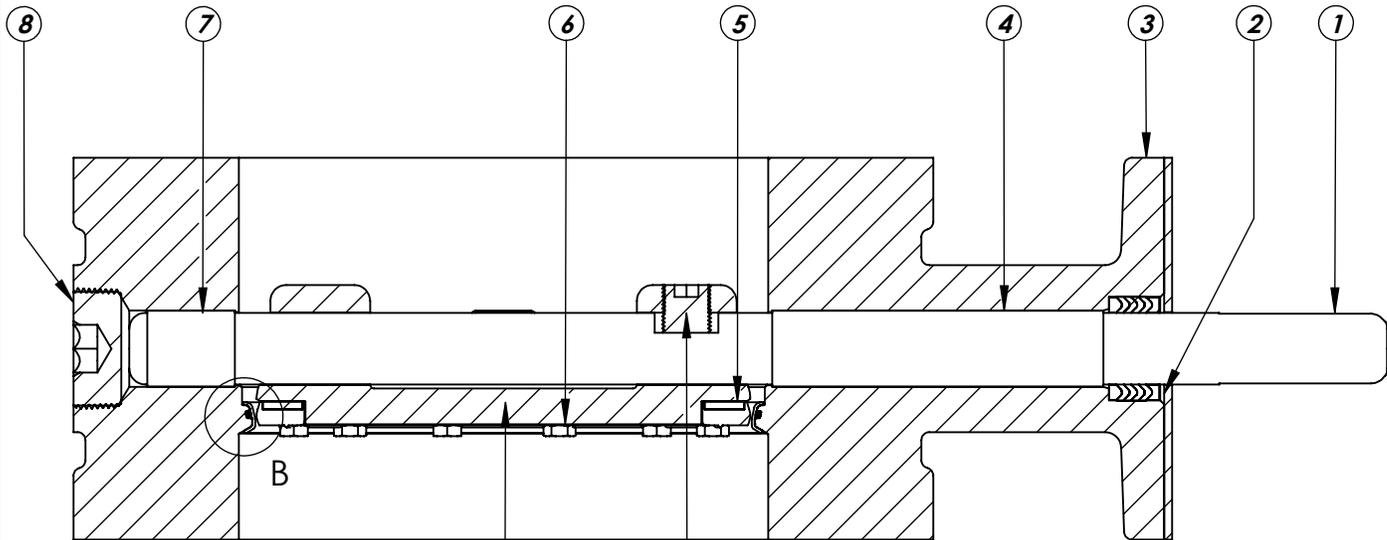
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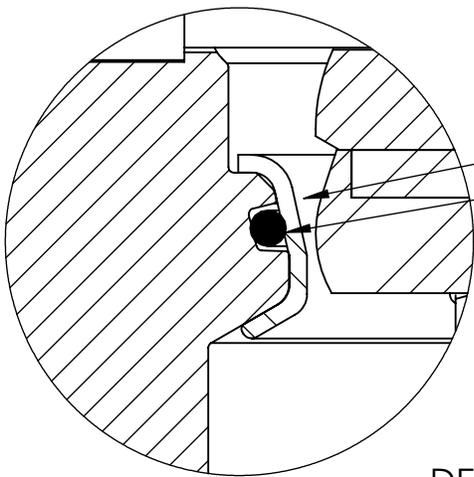
**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 4/24/2019  
**DWG. NO.**  
 BD08-F1-B01-000

8" AWWA C504 - STYLE 4500 - CL150  
 BFV W/ F/A 12 MSS/ISO Connection  
 FLANGED END - BARE STEM



SECTION A-A  
SCALE 1 : 3



DETAIL B  
SCALE 2 : 1

ITEM NO.	DESCRIPTION	MATERIAL
1	VANE SHAFT	304 STAINLESS STEEL, ASTM A-276
2	V-RING PACKING SET	EPDM, BUNA-N
3	BFV BODY	DUCTILE IRON ASTM A-536
4	UPPER JOURNAL BEARING	NYLATRON
5	VANE SEAT RING	EPT with SS INSERT
6	HEX HEAD CAPSCREW	18-8 STAINLESS STEEL with NYLOC PATCH
7	LOWER JOURNAL BEARING	NYLATRON
8	BFV BODY END PLUG	STEEL
9	BFV VANE	DUCTILE IRON ASTM A-536
10	VANE SHAFT TORQUE PLUG	18-8 STAINLESS STEEL
11	BODY SEAT RING	316 STAINLESS STEEL
12	BODY SEAT O-RING	BUNA-N

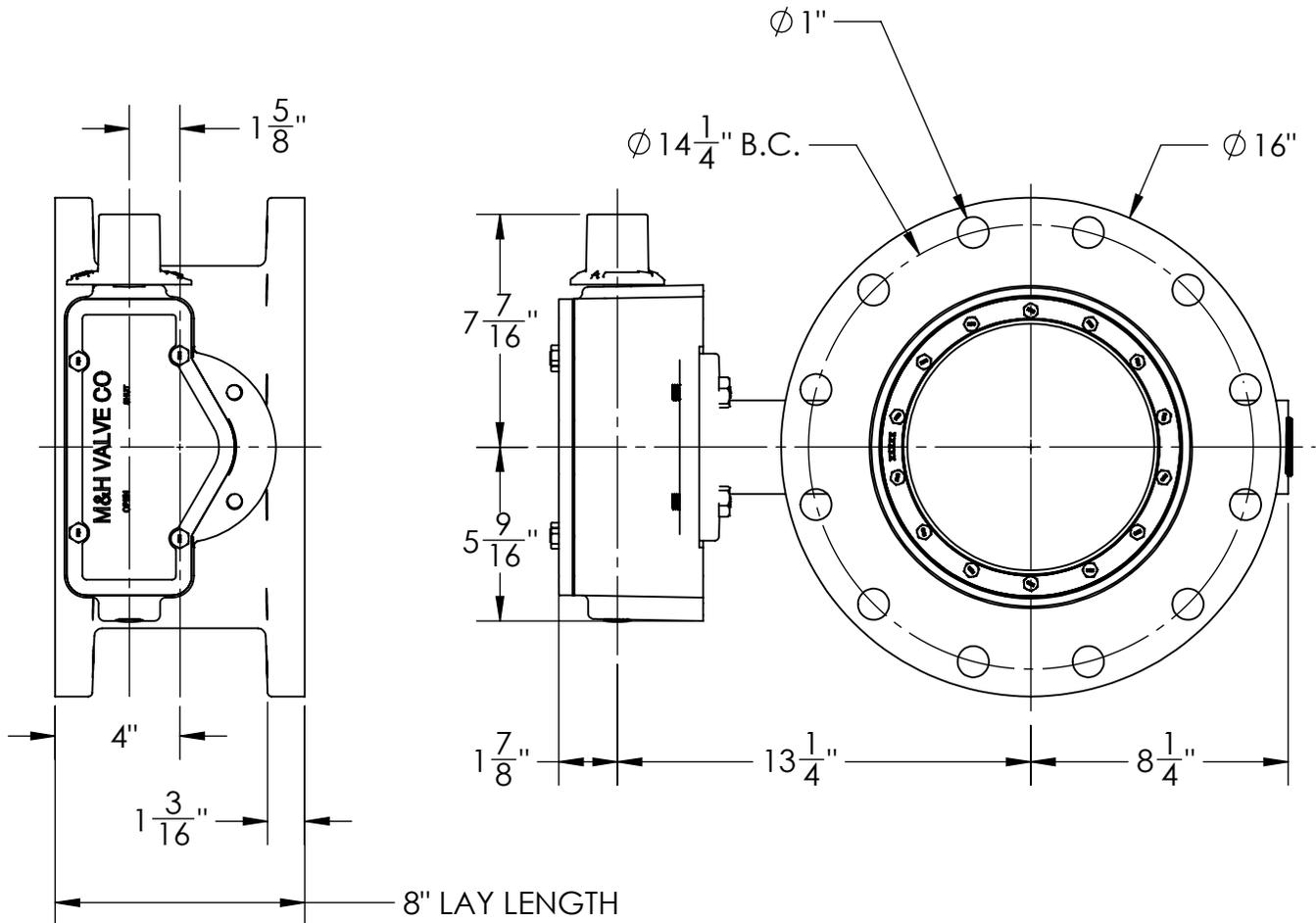
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**KENNEDY VALVE**  
Division of McWane, Inc.  
1021 East Water St.  
Elmira, NY 14901

**DRAWN:** ZF  
**DATE:** 1/9/17  
**DWG. NO.** B08FBB11

**8" AWWA C504 - Style 4500 - CL150  
BFV with F/A 12 MSS/ISO Connection  
Sub-Assembly - Material List  
FLANGED END**



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. 29 TURNS TO CLOSE
5. (12) 7/8" BOLTS ON EACH FLANGE (NO THREADED HOLES)
6. OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
7. RATED AND TESTED FOR 150psi WORKING PRESSURE

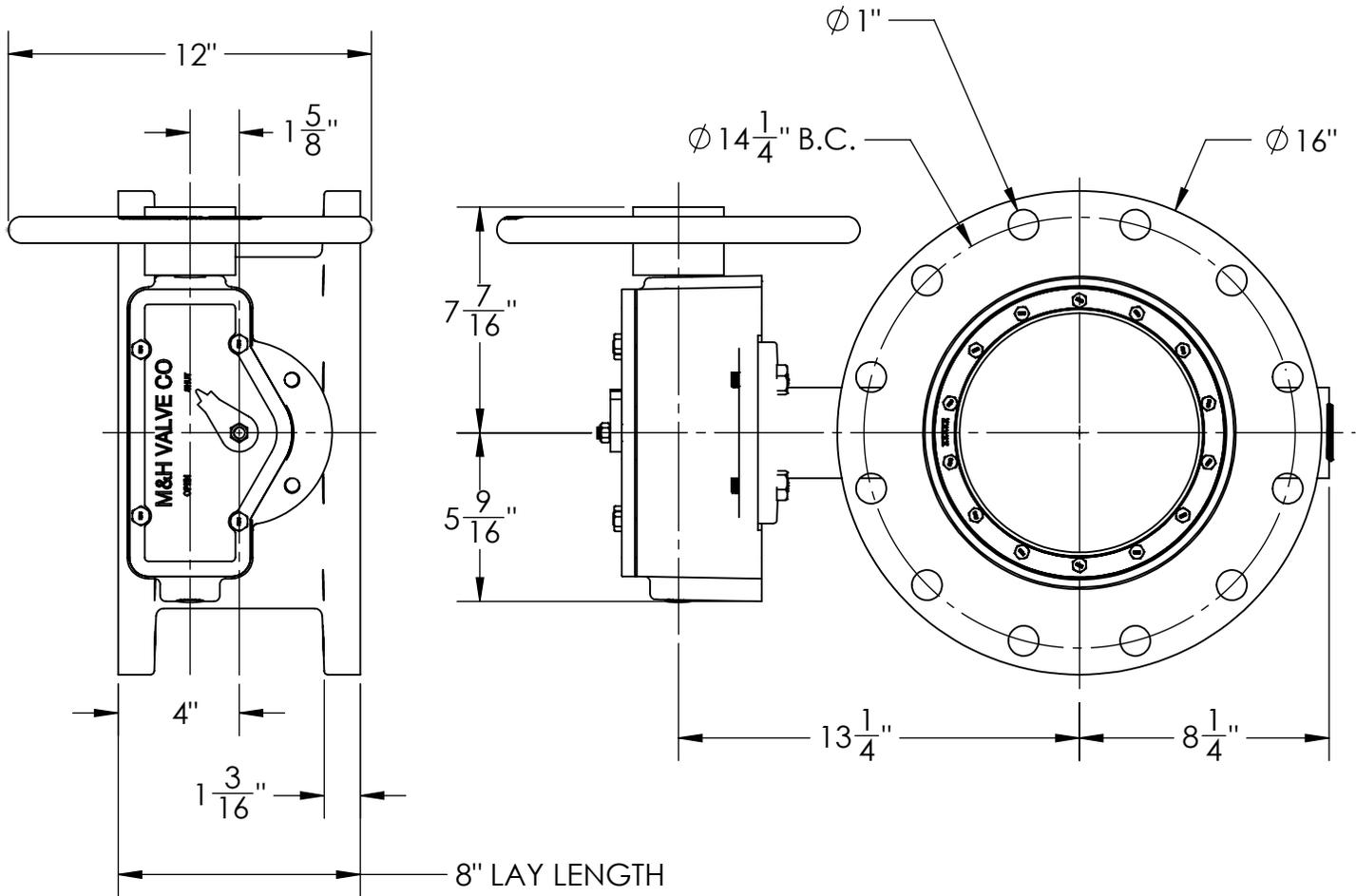
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 7/2/2020  
**DWG. NO.**  
 BD10-F1-M11-000

**10" - Style 4500 BFV - CL150**  
**F/A 12 MSS/ISO Connection**  
**FLANGED ENDS**  
**BURIED OPERATOR - OPEN LEFT**



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. 29 TURNS TO CLOSE
5. (12) 7/8" BOLTS ON EACH FLANGE (NO THREADED HOLES)
6. OPERATED BY 12" HANDWHEEL
7. RATED AND TESTED FOR 150psi WORKING PRESSURE

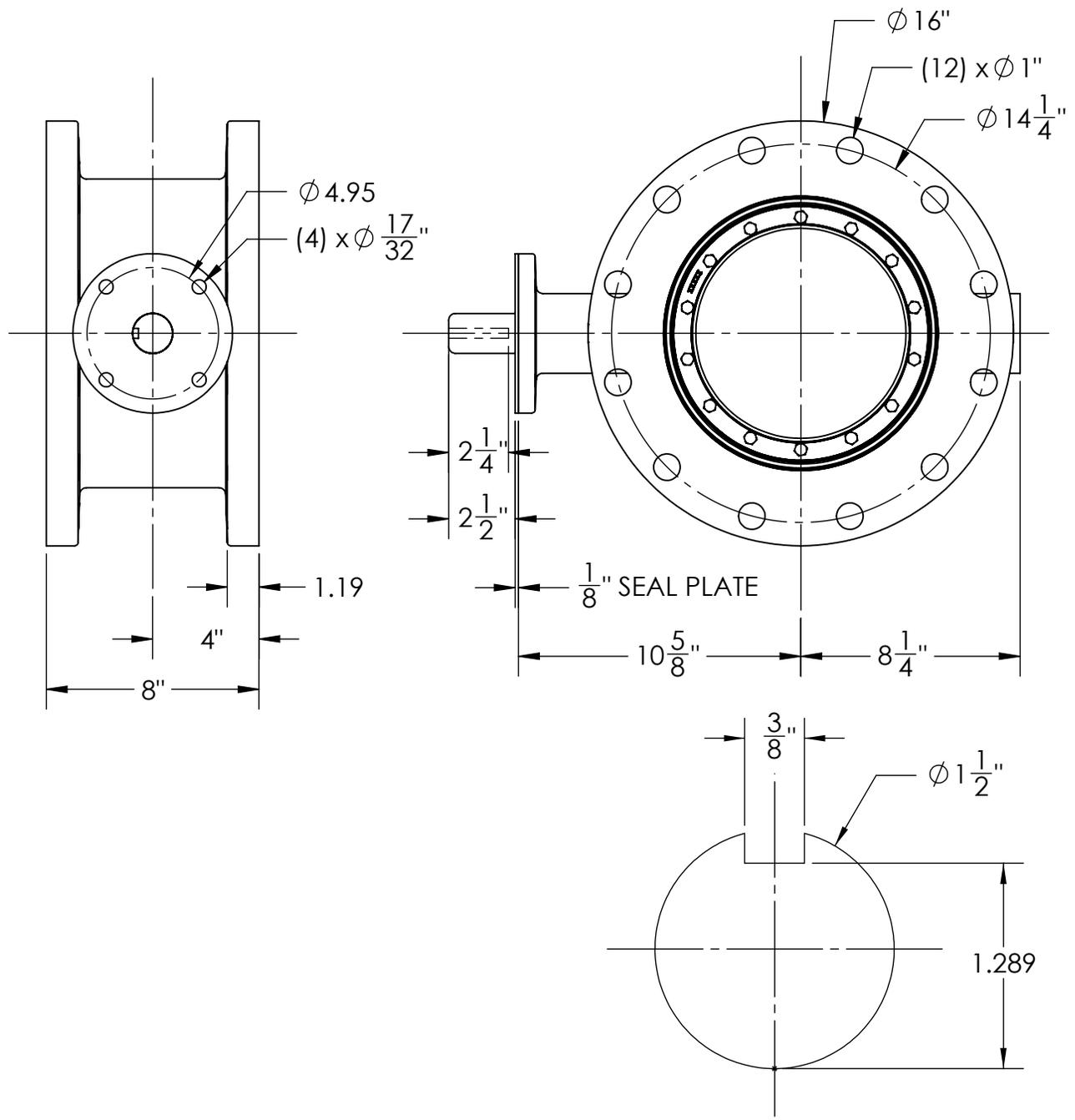
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 7/2/2020  
**DWG. NO.**  
 BD10-F1-M31-000

**10" - Style 4500 BFV - CL150**  
**F/A 12 MSS/ISO Connection**  
**FLANGED ENDS**  
**HANDWHEEL OPERATOR - OPEN LEFT**



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. 29 TURNS TO CLOSE
5. 12 BOLTS ON EACH FLANGE
6. 7/8" DIAMETER OF BOLTS
7. RATED AND TESTED FOR 150psi WORKING PRESSURE

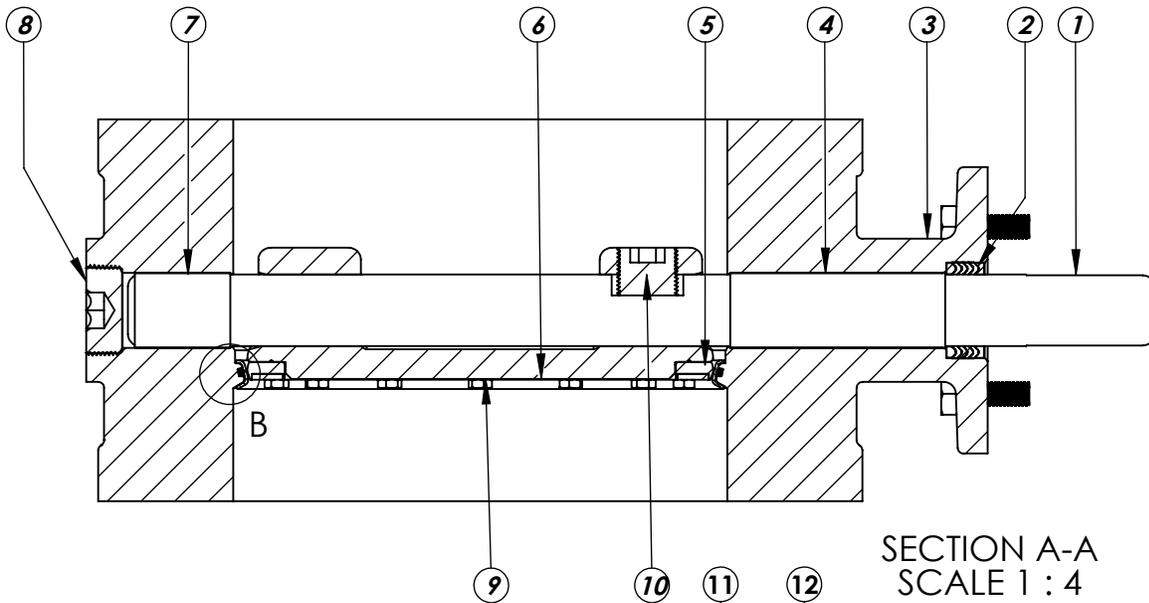
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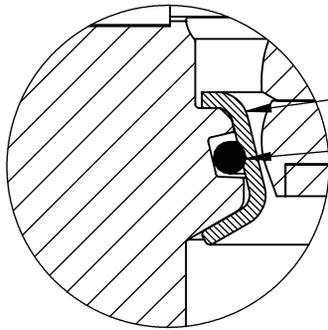
**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 5/9/2019  
**DWG. NO.**  
 BD10-F1-B01-000

10" - STYLE 4500 - CL150 BFV  
 w/ F/A12 MSS/ISO CONNECTION  
 FLANGED ENDS - BARE STEM w/SEAL PLATE



SECTION A-A  
SCALE 1 : 4



DETAIL B  
SCALE 2 : 1.5

ITEM NO.	DESCRIPTION	MATERIAL
1	VANE SHAFT	304 STAINLESS STEEL, ASTM A-276
2	V-RING PACKING SET	EPDM, BUNA-N
3	BFV BODY	DUCTILE IRON ASTM A-536
4	UPPER JOURNAL BEARING	NYLATRON
5	VANE SEAT RING	EPT with SS INSERT
6	HEX HEAD CAPSCREW	18-8 STAINLESS STEEL with NYLOC PATCH
7	LOWER JOURNAL BEARING	NYLATRON
8	BFV BODY END PLUG	STEEL
9	BFV VANE	DUCTILE IRON ASTM A-536
10	VANE SHAFT TORQUE PLUG	18-8 STAINLESS STEEL
11	BODY SEAT RING	316 STAINLESS STEEL
12	BODY SEAT O-RING	BUNA-N

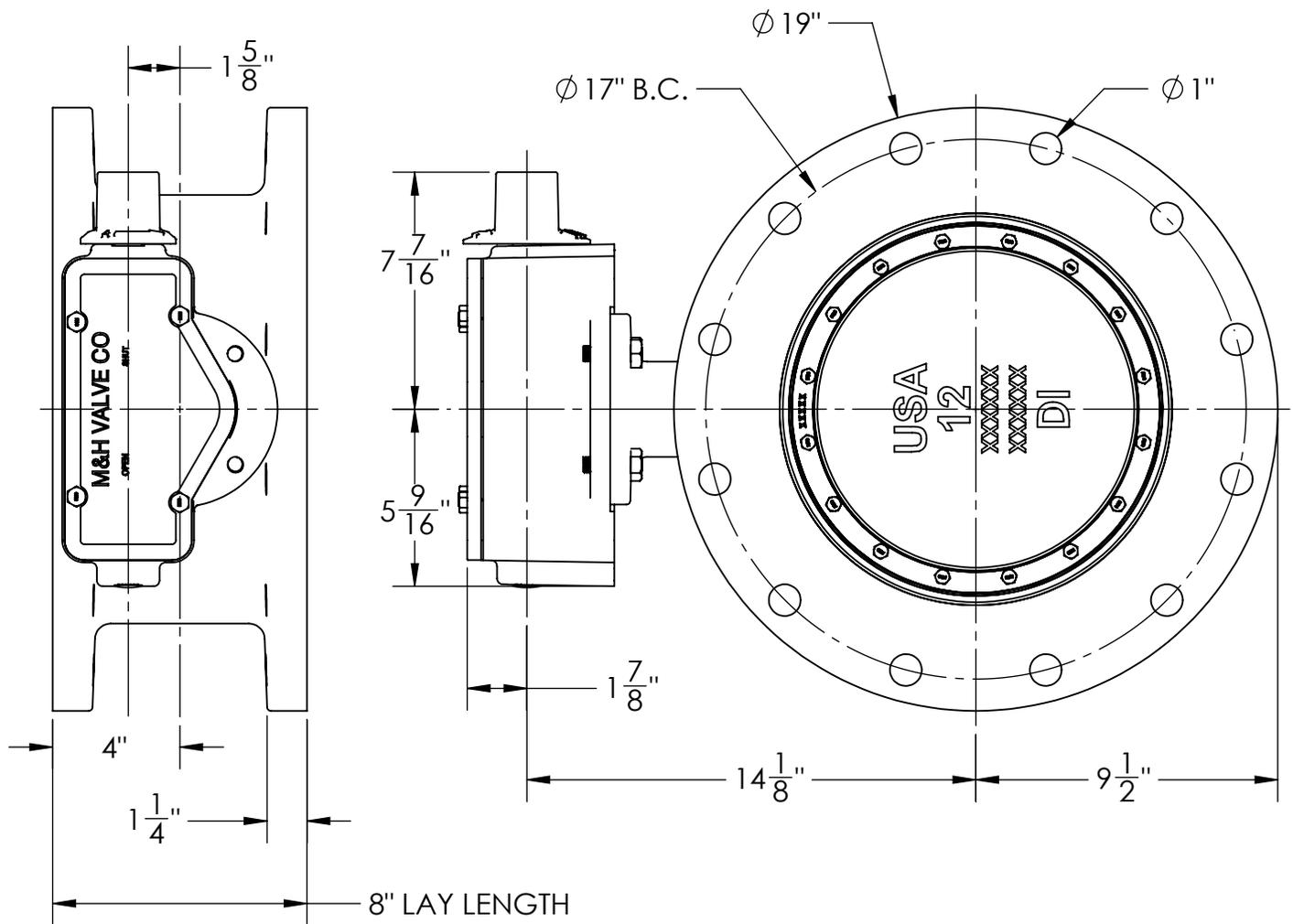
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**KENNEDY VALVE**  
Division of McWane, Inc.  
1021 East Water St.  
Elmira, NY 14901

**DRAWN:** ZF  
**DATE:** 1/9/17  
**DWG. NO.** B10FBB11

**10" AWWA C504 - Style 4500 - CL150  
BFV with F/A 12 MSS/ISO Connection  
Sub-Assembly - Material List  
FLANGED END**



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. 29 TURNS TO CLOSE
5. (12) 7/8" BOLTS ON EACH FLANGE (NO THREADED HOLES)
6. OPERATED BY 2" AWWA OPERATING / WRENCH NUT
7. RATED AND TESTED FOR 150psi WORKING PRESSURE

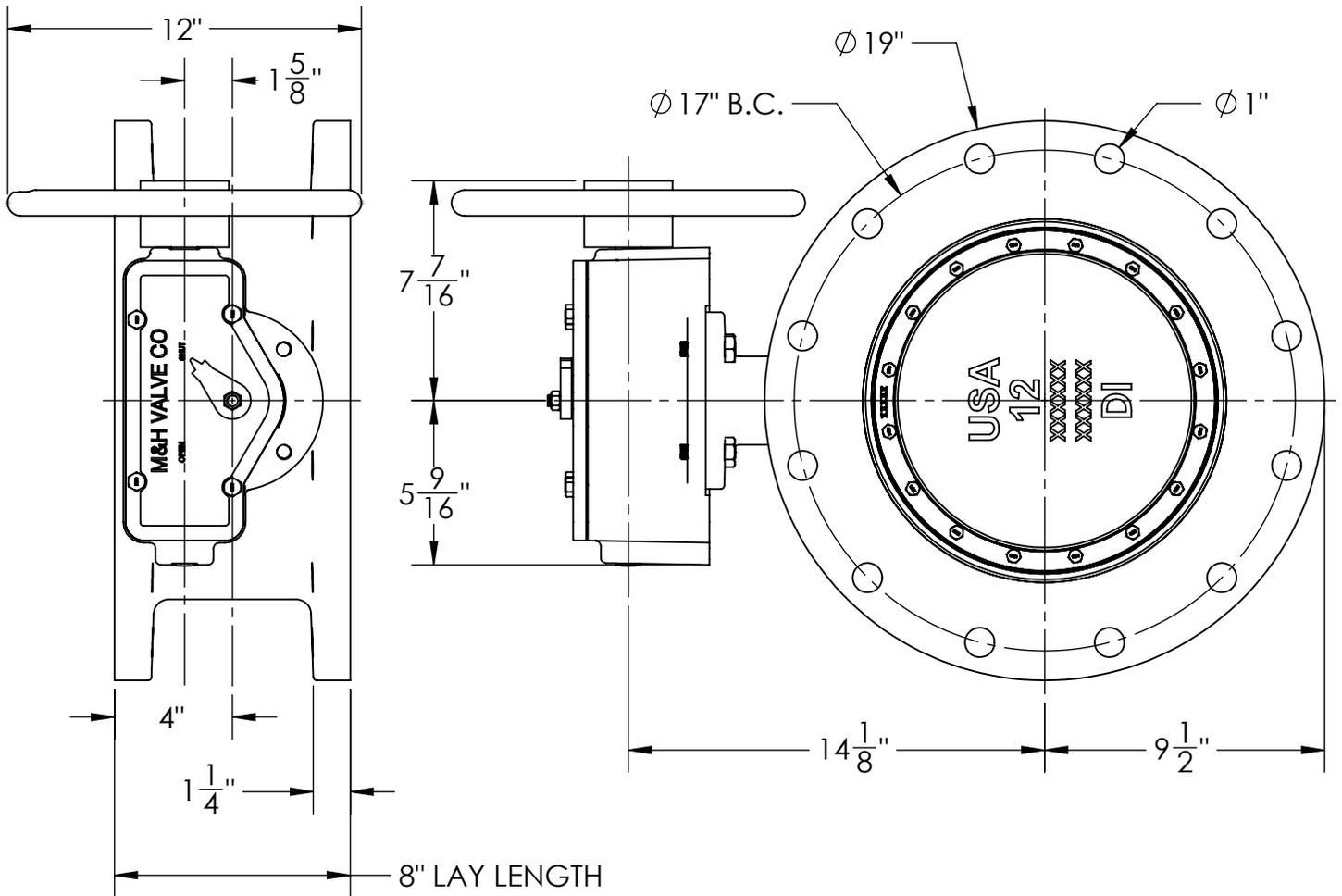
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 7/2/2020  
**DWG. NO.**  
 BD12-F1-M11-000

**12" - Style 4500 BFV - CL150**  
**F/A 12 MSS/ISO Connection**  
**FLANGED ENDS**  
**Buried Operator - OPEN LEFT**



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. 29 TURNS TO CLOSE
5. (12) 7/8" BOLTS ON EACH FLANGE (NO THREADED HOLES)
6. OPERATED BY 12" HANDWHEEL
7. RATED AND TESTED FOR 150psi WORKING PRESSURE

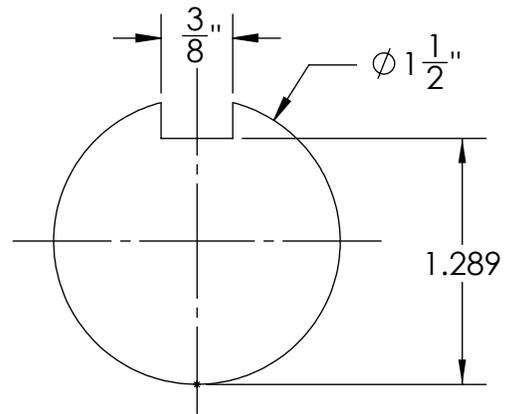
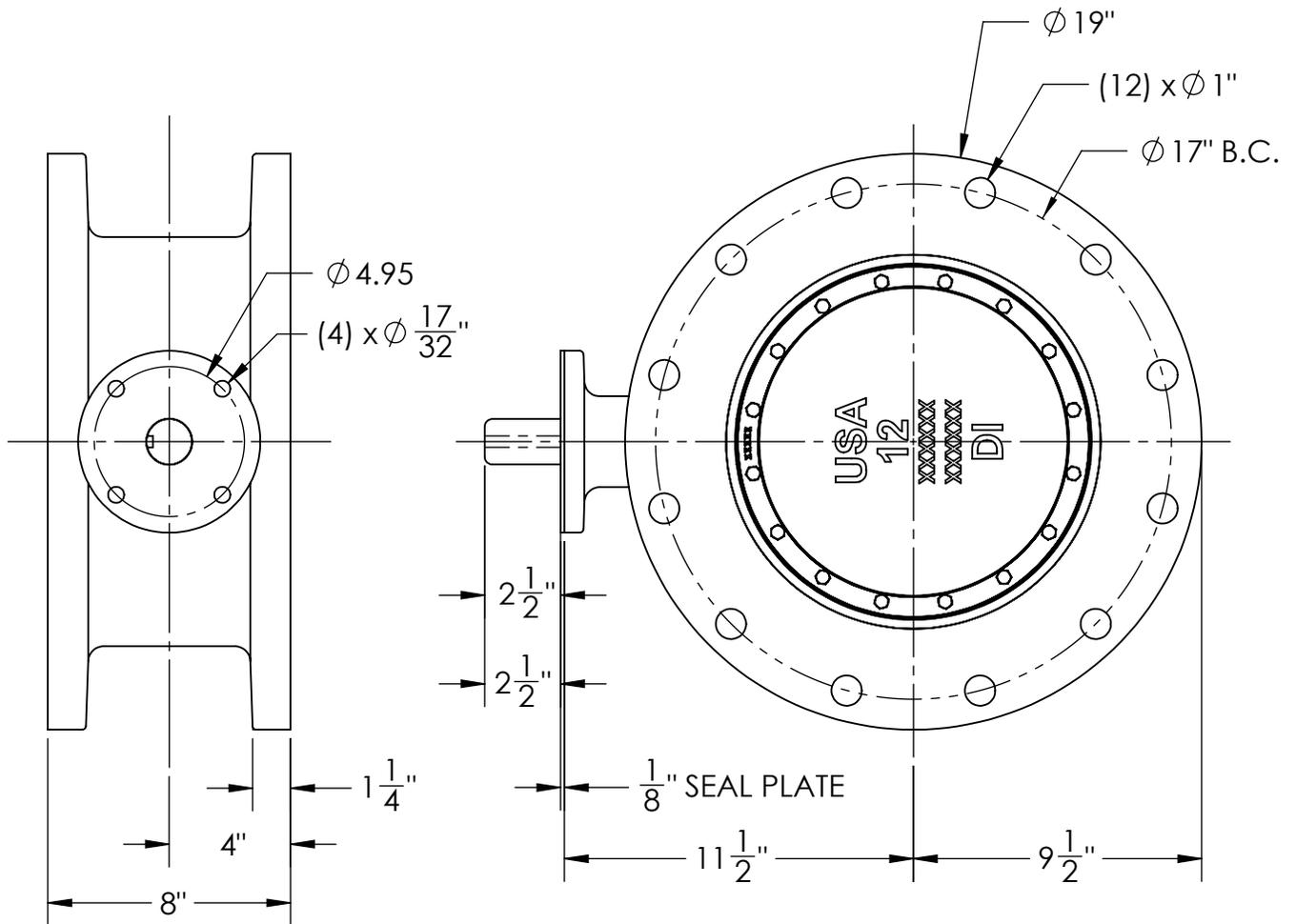
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 7/2/2020  
**DWG. NO.**  
 BD12-F1-M31-000

**12" - Style 4500 BFV - CL150**  
**F/A 12 MSS/ISO Connection**  
**FLANGED ENDS**  
**HANDWHEEL Operator - OPEN LEFT**



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. 12 BOLTS ON EACH FLANGE
5.  $\frac{7}{8}''$  DIAMETER OF BOLTS
6. RATED AND TESTED FOR 150psi WORKING PRESSURE

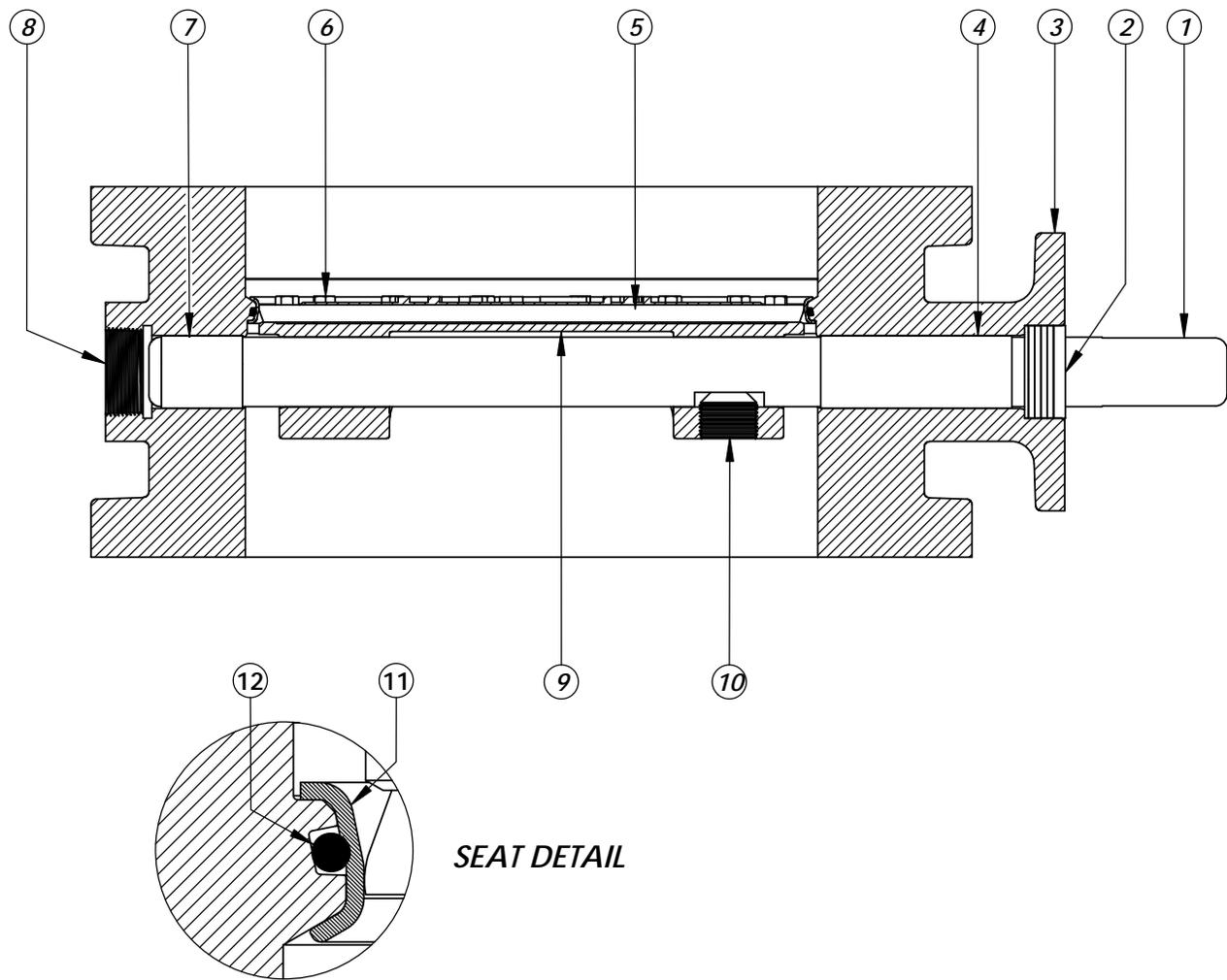
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 5/9/2019  
**DWG. NO.**  
 BD12-F1-B01-000

12" - STYLE 4500 - CL150  
 BFV w/ F/A12 MSS/ISO CONNECTION  
 FLANGED ENDS - BARE STEM w/ SEAL PLATE



**SEAT DETAIL**

<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>MATERIAL</b>
1	VANE SHAFT	304 STAINLESS STEEL, ASTM A-276
2	V-RING PACKING SET	EPDM, BUNA-N
3	BFV BODY	DUCTILE IRON ASTM A-536
4	UPPER JOURNAL BEARING	NYLATRON
5	VANE SEAT RING	EPT with SS INSERT
6	HEX HEAD CAPSCREW	18-8 STAINLESS STEEL with NYLOC PATCH
7	LOWER JOURNAL BEARING	NYLATRON
8	BFV BODY END PLUG	STEEL
9	BFV VANE	DUCTILE IRON ASTM A-536
10	VANE SHAFT TORQUE PLUG	18-8 STAINLESS STEEL
11	BODY SEAT RING	316 STAINLESS STEEL
12	BODY SEAT O-RING	BUNA-N

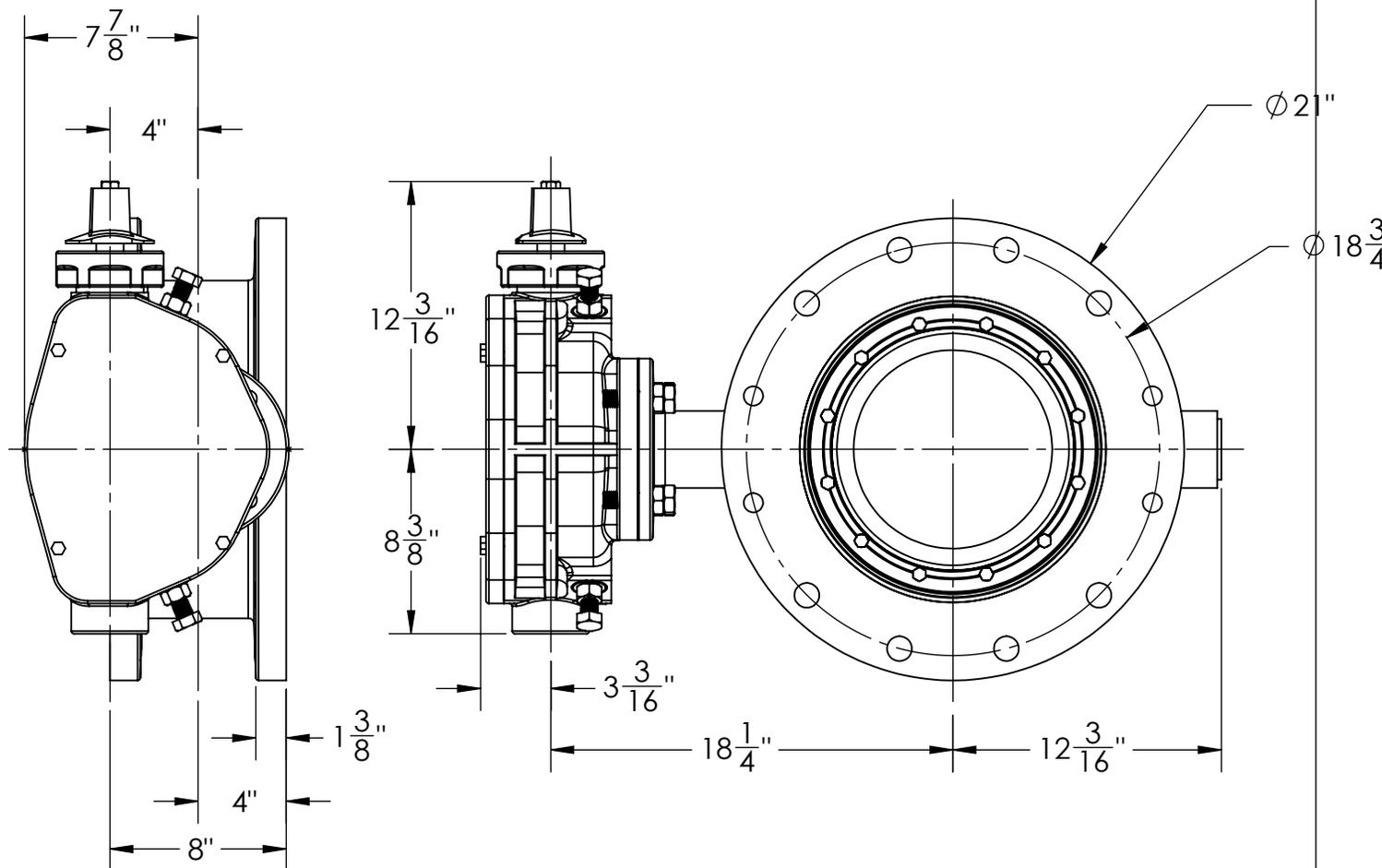
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** KLM  
**DATE:** 10/2016  
**DWG. NO.**  
 BFE-15-45-312-ISO

**12" AWWA C504 - Style 4500 - CL150  
 BFV with F/A 12 MSS/ISO Connection  
 Sub-Assembly - Material List  
 FLANGED END**



1. FLOW MAY BE IN EITHER DIRECTION
2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 STANDARDS
3. 48 TURNS TO CLOSE
4. 12 BOLTS ON EACH FLANGE
5. 1" DIA. OF BOLTS
6. OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
7. RATED AND TESTED FOR 150psi WORKING PRESSURE
8. WEIGHT OF VALVE IS 450 LBS.

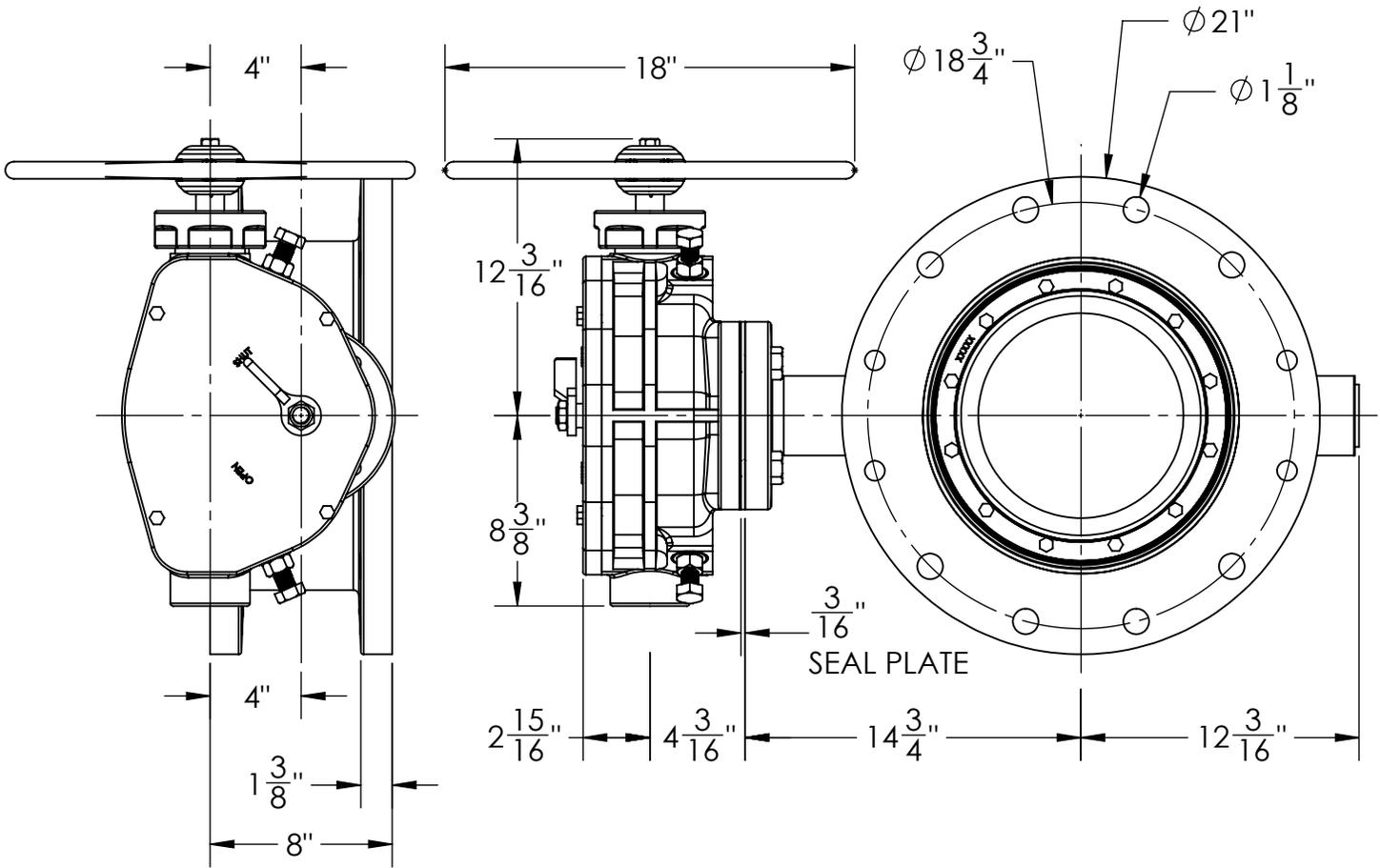
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 11/26/2018  
**DWG. NO.**  
 B14FAM11

14" - Style 4500 - CL150  
 BFV with F/A16 MSS/ISO Connection-  
 FE x FE ENDS - Buried Operator



1. FLOW MAY BE IN EITHER DIRECTION
2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 STANDARDS
3. 48 TURNS TO CLOSE
4. 12 BOLTS ON EACH FLANGE
5. 1" DIA. OF BOLTS
6. OPERATED BY 18" HANDWHEEL
7. RATED AND TESTED FOR 150psi WORKING PRESSURE

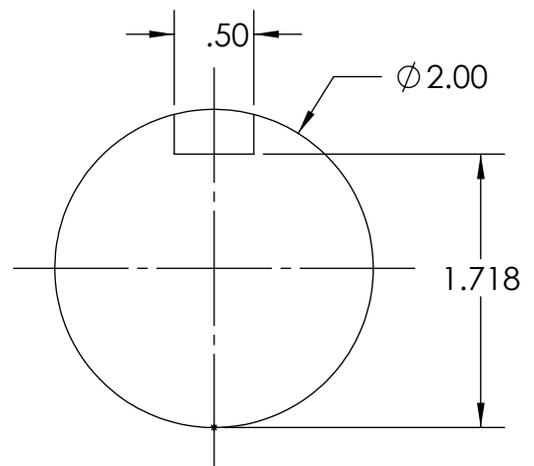
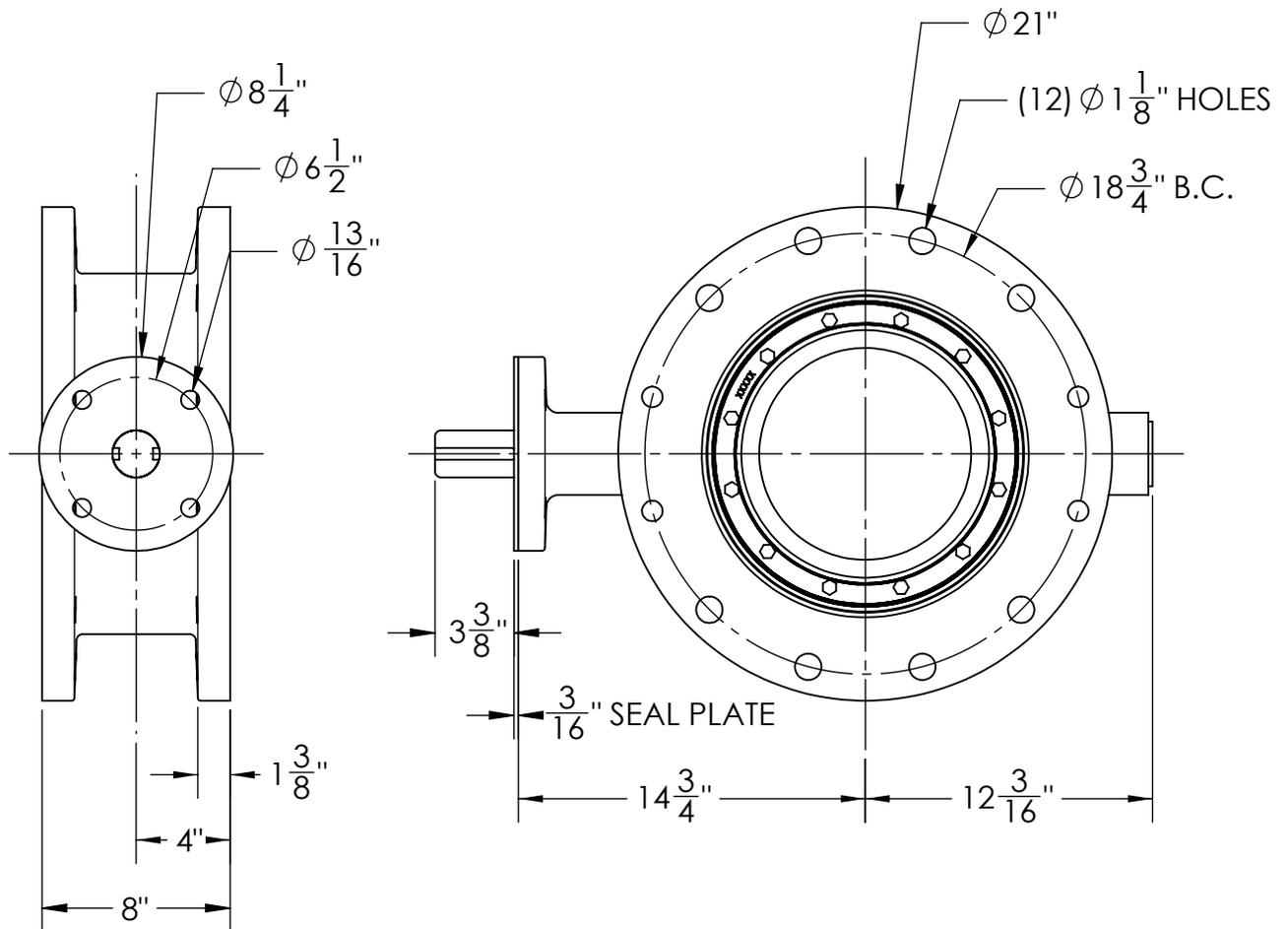
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 5/24/2019  
**DWG. NO.**  
 BD14-F1-M31-000

14" - Style 4500 - CL150  
 BFV with F/A16 MSS/ISO Connection  
 FLANGED ENDS  
 Handwheel Operator - OPEN LEFT



1. FLOW MAY BE IN EITHER DIRECTION
2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 STANDARDS
3. 48 TURNS TO CLOSE
4. 12 BOLTS ON EACH FLANGE
5. 1" DIA. OF BOLTS
6. RATED AND TESTED FOR 150psi WORKING PRESSURE

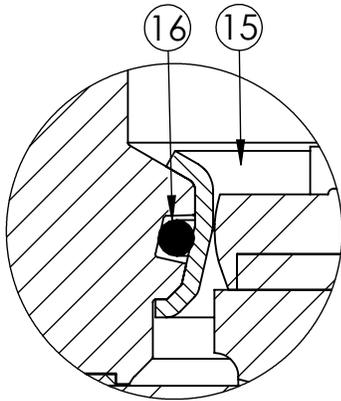
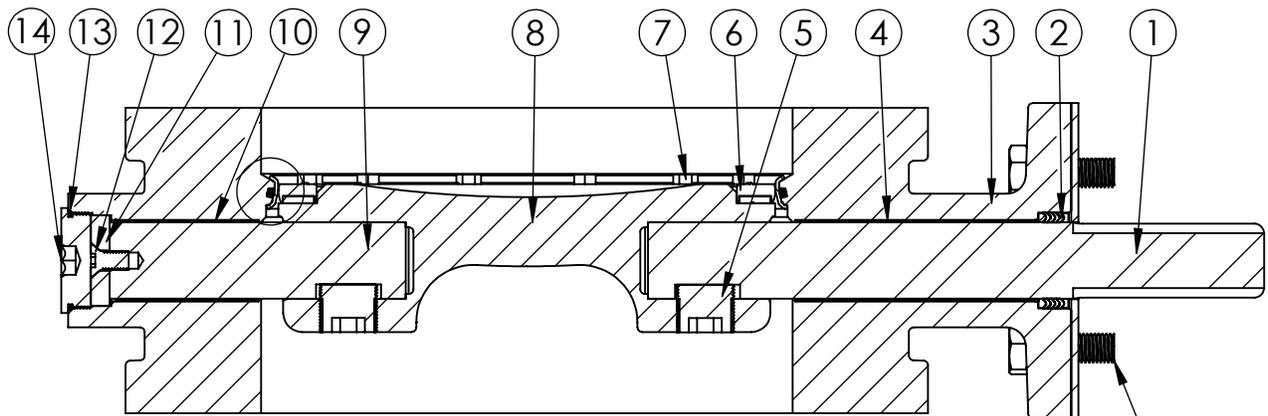
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 5/24/2019  
**DWG. NO.**  
 BD14-F1-B01-000

14" - STYLE 4500 - CL150  
 BFV w/ F/A16 MSS/ISO CONNECTION  
 FLANGED ENDS - BARE STEM w/ SEAL PLATE



**SEAT DETAIL**

<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>MATERIAL</b>
1	OPERATOR SHAFT	304 STAINLESS STEEL, ASTM A-276
2	V-RING PACKING SET	EPDM, BUNA-N
3	BFV BODY	DUCTILE IRON ASTM A-536
4	UPPER JOURNAL BEARING	FIBER & REINFORCED TEFLON
5	TORQUE PLUG	304 STAINLESS STEEL, ASTM A-276
6	VANE SEAT RING	EPT W/ STAINLESS STEEL INSERT
7	HEX HEAD CAP SCREW	18-8 STAINLESS STEEL W/ NYLOC PATCH
8	BFV VANE	DUCTILE IRON ASTM A-276
9	THRUST SHAFT	304 STAINLESS STEEL, ASTM A-276
10	LOWER JOURNAL BEARING	FIBER & REINFORCED TEFLON
11	THRUST BEARING	BRONZE ALLOY
12	THRUST BEARING CAP SCREW	18-8 STAINLESS STEEL
13	BODY END PLUG O-RING	BUNA-N
14	BODY END PLUG	STEEL
15	BODY SEAT RING	316 STAINLESS STEEL
16	BODY SEAT O-RING	BUNA-N
17	OPERATOR MOUNTING BOLTS	18-8 STAINLESS STEEL
18	ISO F/A16 SEAL PLATE	COMMERCIAL STEEL

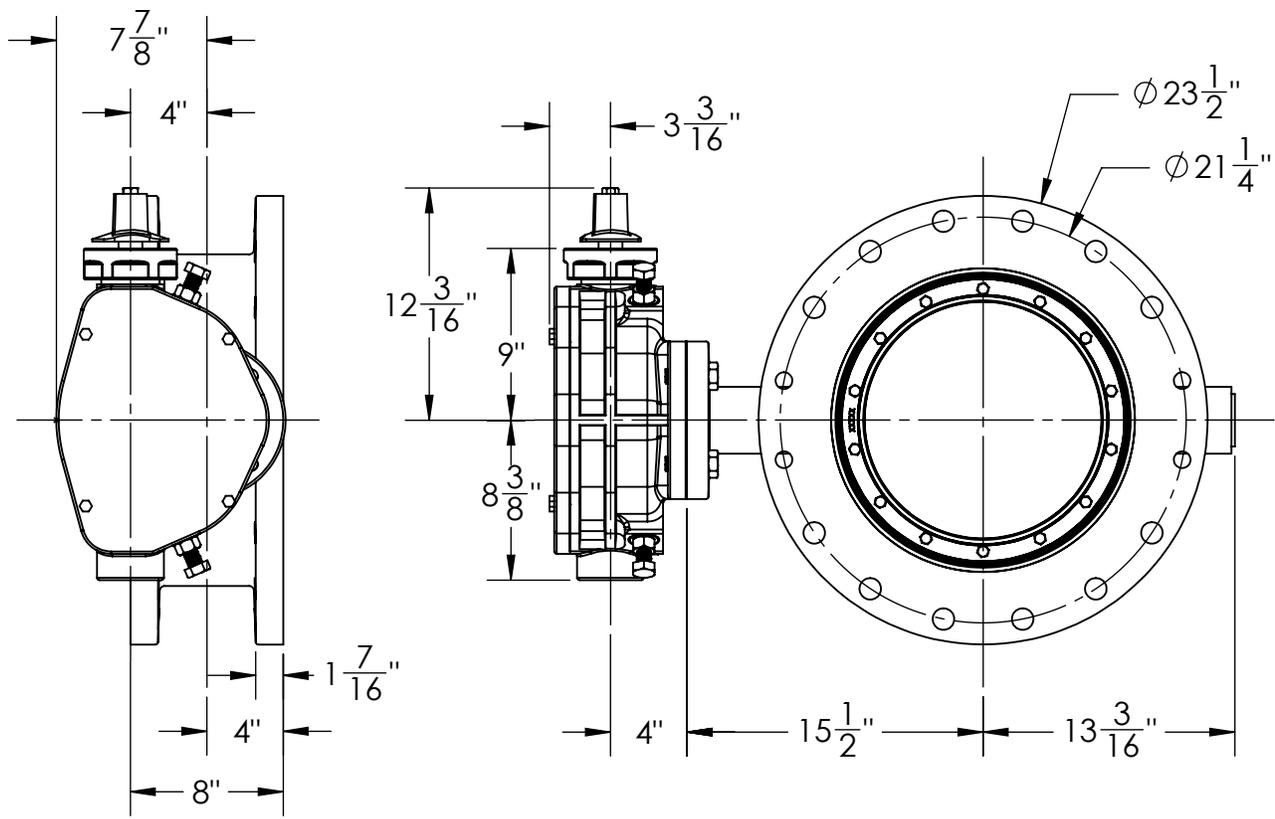
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** ZF  
**DATE:** 8/31/2018  
**DWG. NO.** B14FBB11

14" AWWA C504 - STYLE 4500 - CL150  
 BFV w/ F/A16 MSS/ISO CONNECTION  
 SUB-ASSEMBLY - MATERIAL LIST  
 FLANGED ENDS



1. FLOW MAY BE IN EITHER DIRECTION
2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 STANDARDS
3. 48 TURNS TO CLOSE
4. 16 BOLTS ON EACH FLANGE
5. 1" DIA. OF BOLTS
6. OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
7. RATED AND TESTED FOR 150psi WORKING PRESSURE
8. WEIGHT OF VALVE IS 450 LBS.

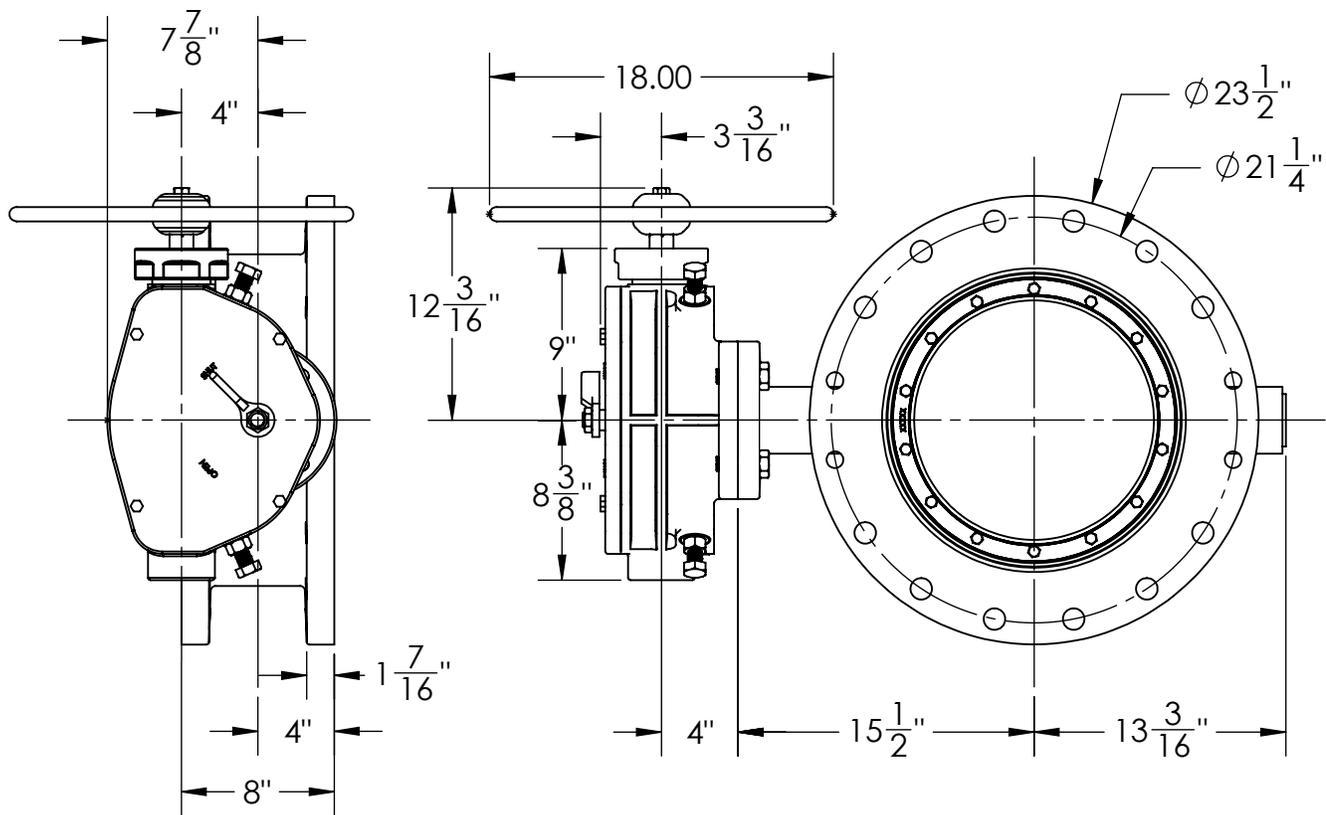
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 11/26/2018  
**DWG. NO.** B16FAM11

16" - Style 4500 - CL150  
 BFV with F/A16 MSS/ISO Connection-  
 FE x FE ENDS - Buried Operator



1. FLOW MAY BE IN EITHER DIRECTION
2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 STANDARDS
3. 48 TURNS TO CLOSE
4. 16 BOLTS ON EACH FLANGE
5. 1" DIA. OF BOLTS
6. OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
7. RATED AND TESTED FOR 150psi WORKING PRESSURE
8. WEIGHT OF VALVE IS 450 LBS.

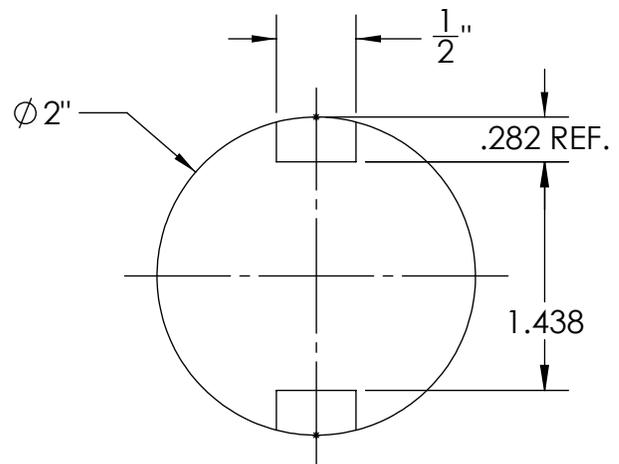
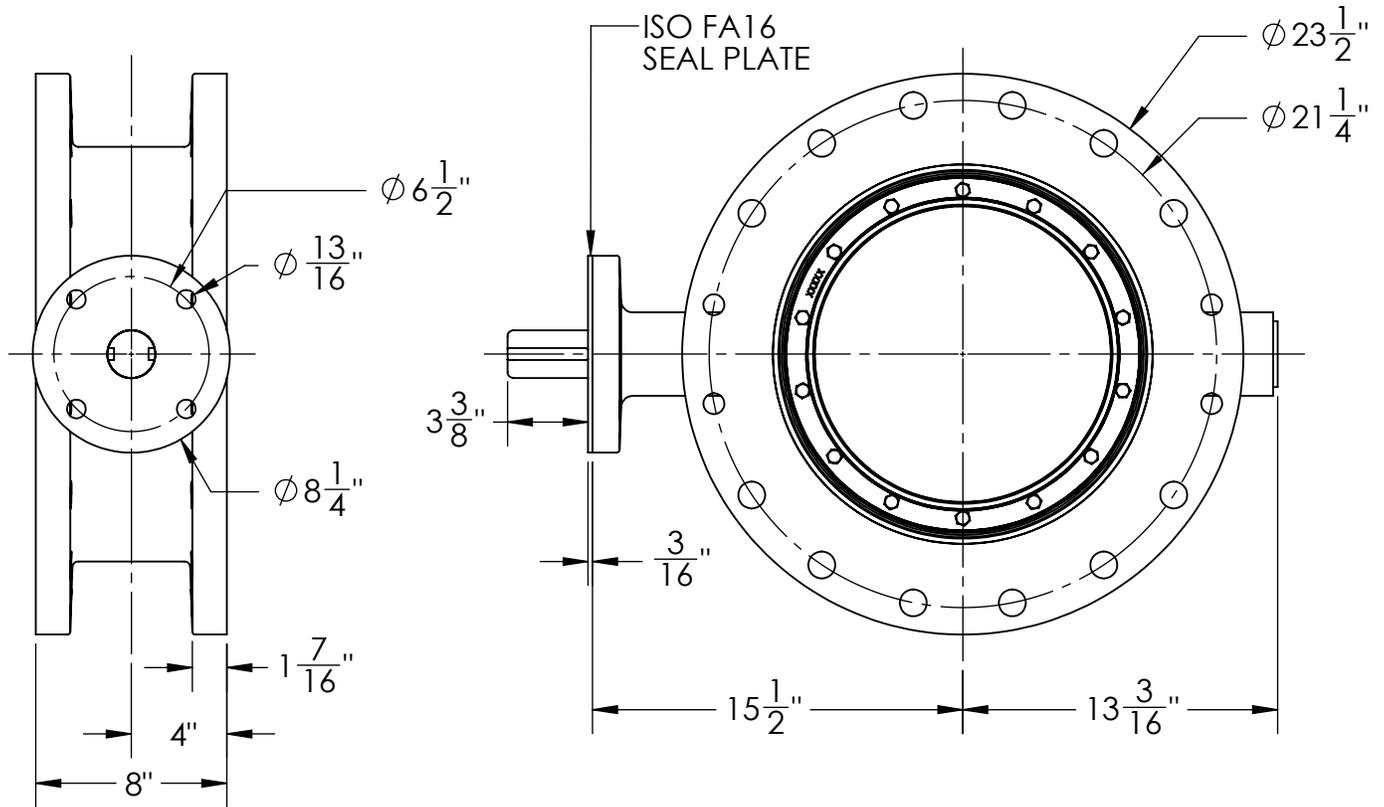
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 2/8/2019  
**DWG. NO.**  
 B16FAM1101

16" - Style 4500 - CL150  
 BFV with F/A16 MSS/ISO Connection-  
 FE x FE ENDS - Handwheel Operator



SHAFT & KEYWAY DIM.

1. FLOW MAY BE IN EITHER DIRECTION
2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 STANDARDS
3. 48 TURNS TO CLOSE
4. 16 BOLTS ON EACH FLANGE (12 THRU & 4 TAPPED)
5. 1" DIA. OF BOLTS
6. OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
7. RATED AND TESTED FOR 150psi WORKING PRESSURE

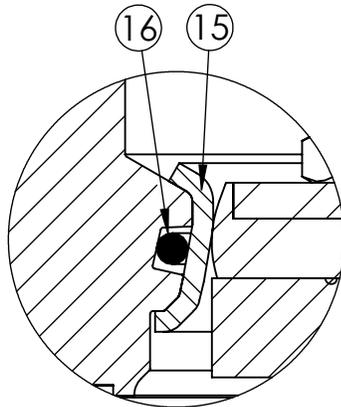
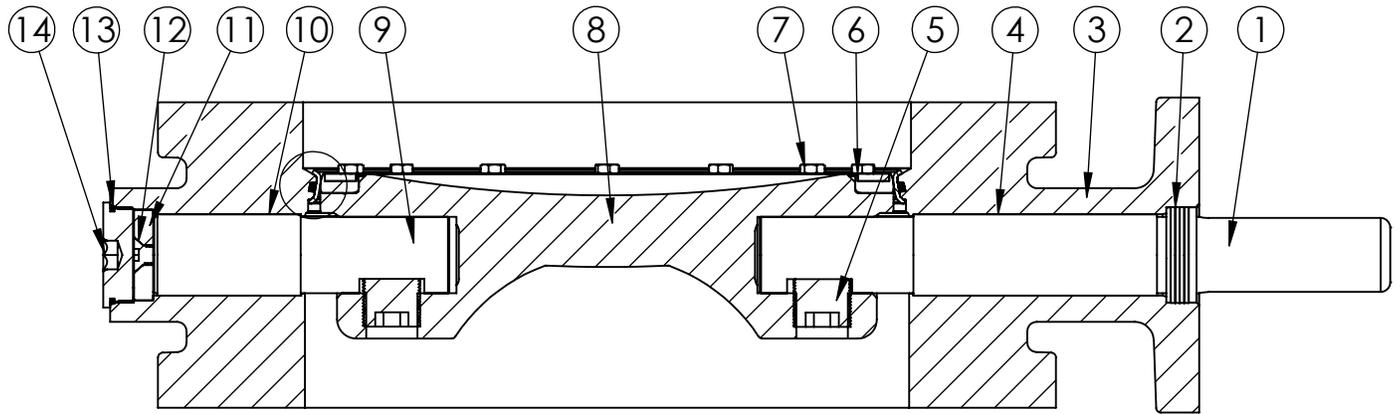
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**KENNEDY VALVE**  
Division of McWane, Inc.  
1021 East Water St.  
Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 5/24/2019  
**DWG. NO.**  
BD16-F1-B01-000

16" - STYLE 4500 - CL150  
BFV WITH F/A16 MSS/ISO  
FLANGED ENDS  
BARESTEM



**SEAT DETAIL**

<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>MATERIAL</b>
1	OPERATOR SHAFT	304 STAINLESS STEEL, ASTM A-276
2	V-RING PACKING SET	EPDM, BUNA-N
3	BFV BODY	DUCTILE IRON ASTM A-536
4	UPPER JOURNAL BEARING	FIBER & REINFORCED TEFLON
5	TORQUE PLUG	304 STAINLESS STEEL, ASTM A-276
6	VANE SEAT RING	EPT W/ STAINLESS STEEL INSERT
7	HEX HEAD CAP SCREW	18-8 STAINLESS STEEL W/ NYLOC PATCH
8	BFV VANE	DUCTILE IRON ASTM A-276
9	THRUST SHAFT	304 STAINLESS STEEL, ASTM A-276
10	LOWER JOURNAL BEARING	FIBER & REINFORCED TEFLON
11	THRUST BEARING	BRONZE ALLOY
12	THRUST BEARING CAP SCREW	18-8 STAINLESS STEEL
13	BODY END PLUG O-RING	BUNA-N
14	BODY END PLUG	STEEL
15	BODY SEAT RING	316 STAINLESS STEEL
16	BODY SEAT O-RING	BUNA-N

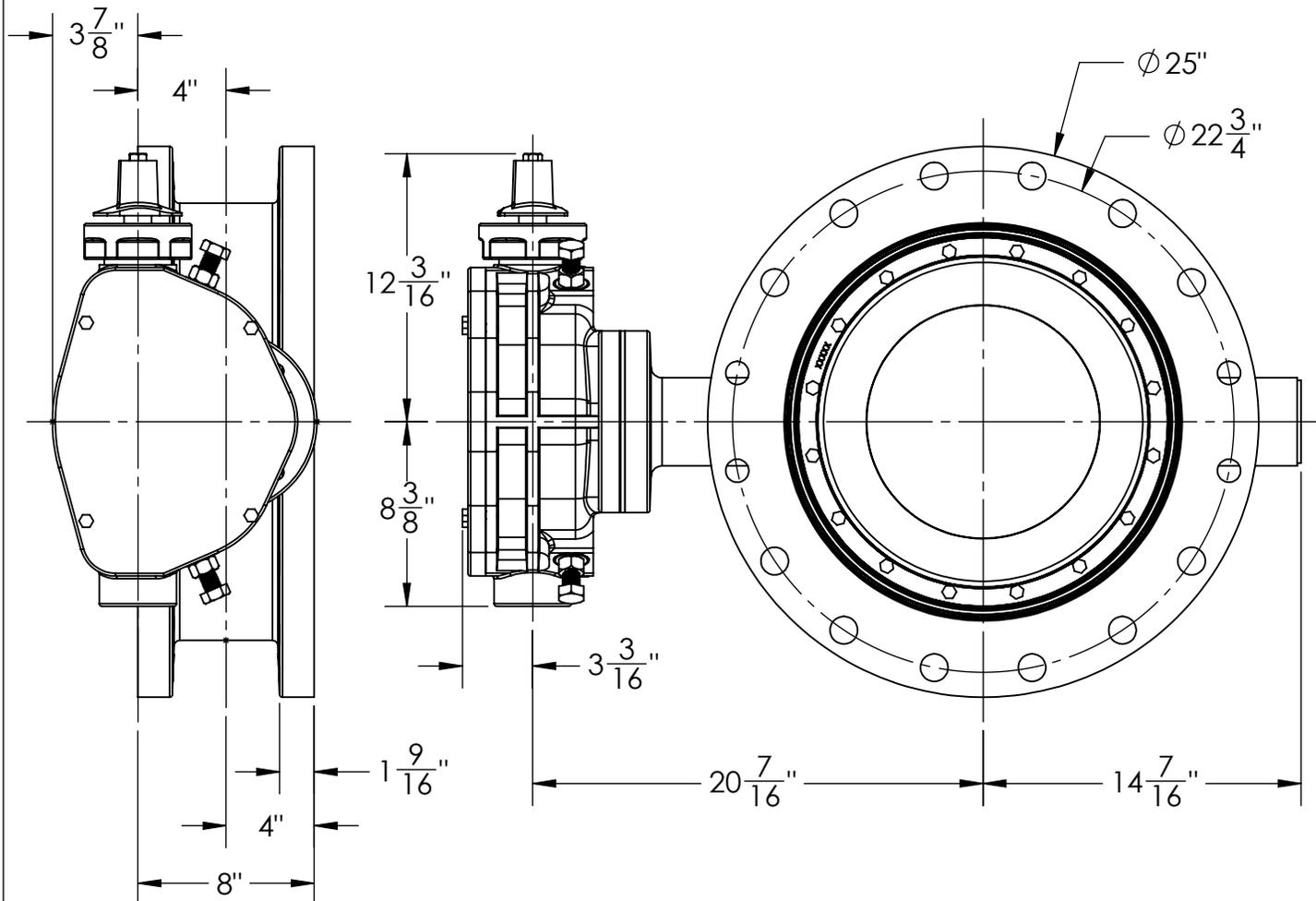
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** ZF  
**DATE:** 9/19/2018  
**DWG. NO.** B16FBB11

16" AWWA C504 - STYLE 4500 - CL150  
 BFV w/ F/A16 MSS/ISO CONNECTION  
 SUB-ASSEMBLY - MATERIAL LIST  
 FLANGED ENDS



1. FLOW MAY BE IN EITHER DIRECTION
2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 STANDARDS
3. 48 TURNS TO CLOSE
4. 16 BOLTS ON EACH FLANGE
5. 1 1/8" DIA. OF BOLTS
6. OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
7. RATED AND TESTED FOR 150psi WORKING PRESSURE
9. WEIGHT OF VALVE IS 450 LBS.

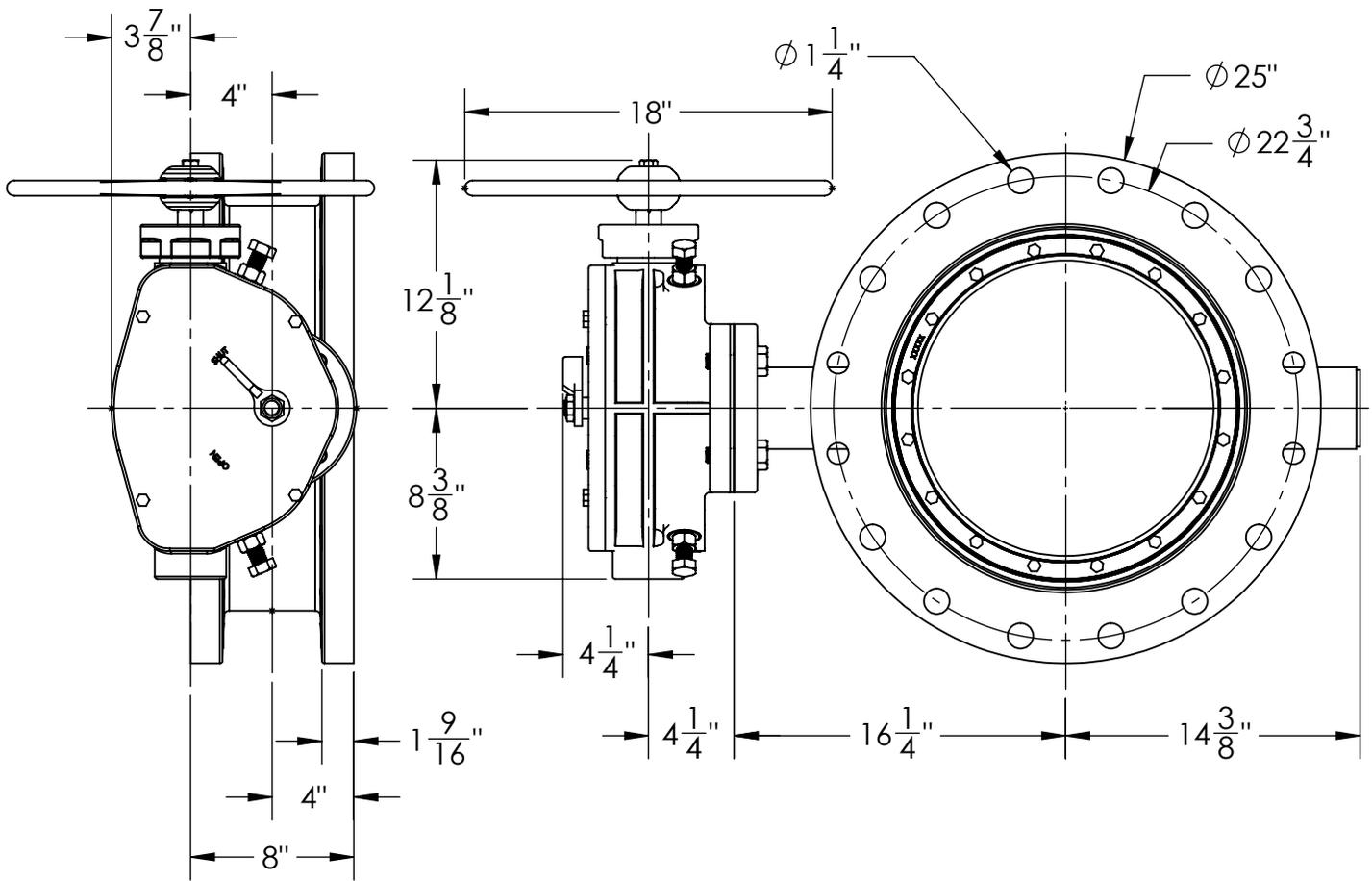
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 11/26/2018  
**DWG. NO.** B18FAM11

18" - Style 4500 - CL150  
 BFV with F/A16 MSS/ISO Connection-  
 FE x FE ENDS - Buried Operator



1. FLOW MAY BE IN EITHER DIRECTION
2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 STANDARDS
3. 48 TURNS TO CLOSE
4. 16 BOLTS ON EACH FLANGE
5. 1 1/8" DIA. OF BOLTS
6. OPERATED BY 18" HANDWHEEL
7. RATED AND TESTED FOR 150psi WORKING PRESSURE

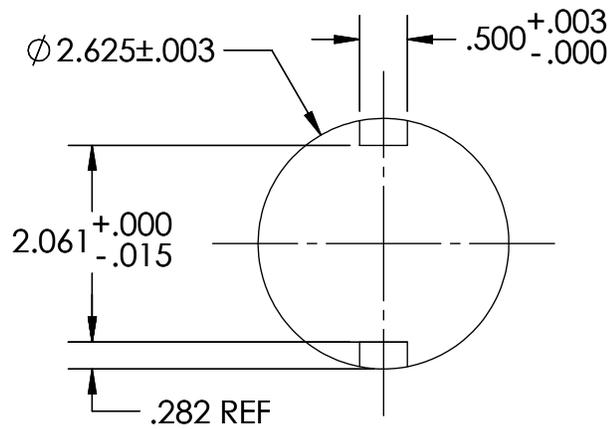
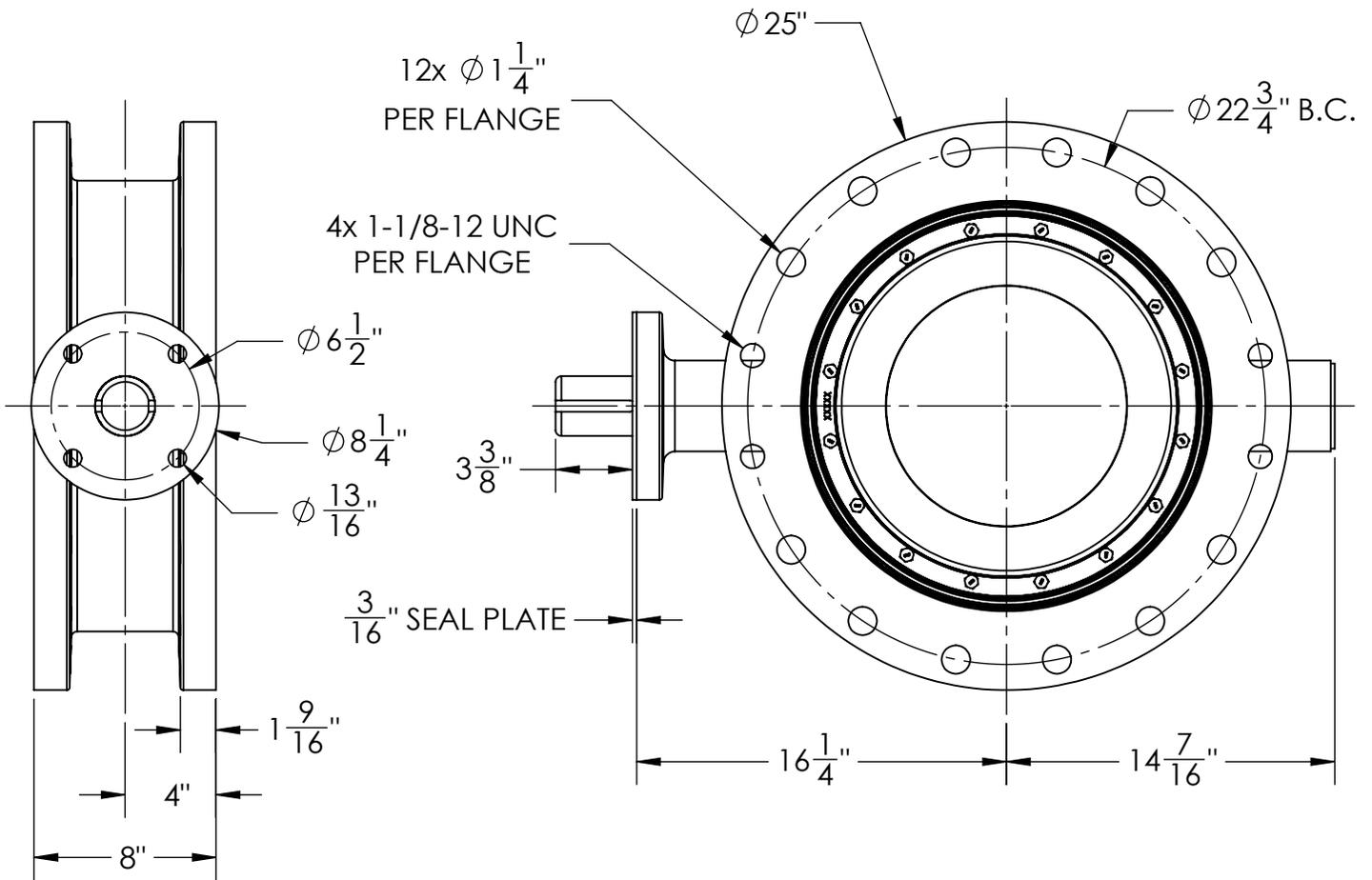
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 6/5/2019  
**DWG. NO.**  
 BD18-F1-M31-000

18" - Style 4500 - CL150  
 BFV with F/A16 MSS/ISO Connection  
 FLANGED ENDS  
 HANDWHEEL Operator - OPEN LEFT



SHAFT & KEYWAY DIM.

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. 16 BOLTS ON EACH FLANGE
5. 1 1/8" DIAMETER OF BOLTS
6. RATED FOR 150psi WORKING PRESSURE

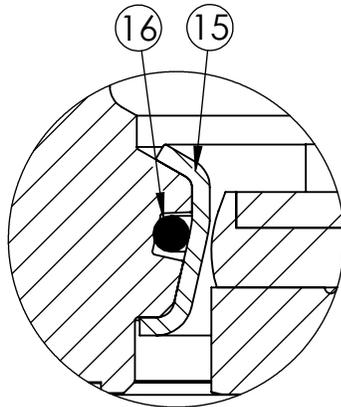
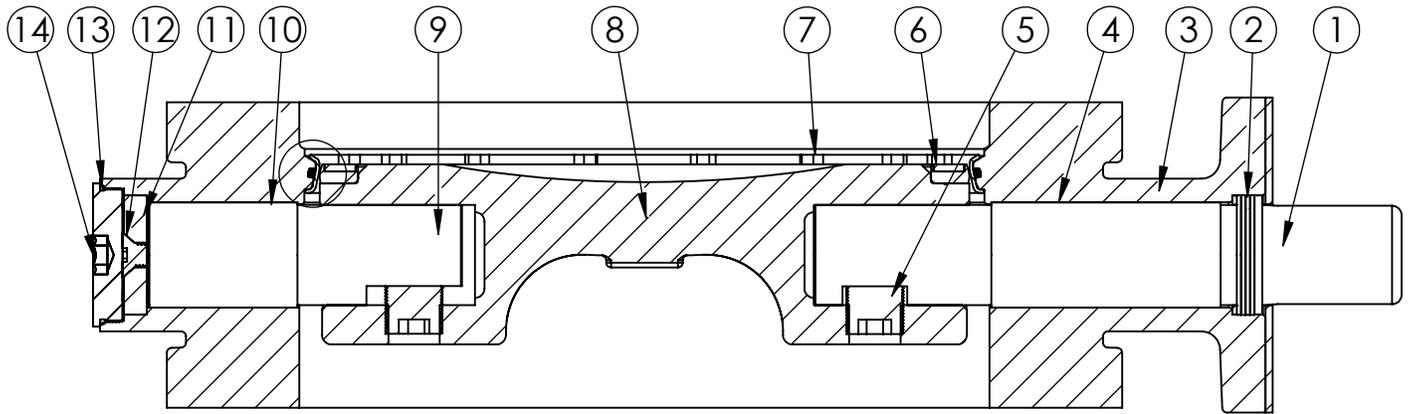
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 12/11/19  
**DWG. NO.**  
 BD18-F1-B01-000

18" AWWA C504- Style 4500 BFV -FE  
 Class 150  
 F/A16 MSS/ISO Connection  
 Bare Stem Operator Shaft



**SEAT DETAIL**

<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>MATERIAL</b>
1	OPERATOR SHAFT	304 STAINLESS STEEL, ASTM A-276
2	V-RING PACKING SET	EPDM, BUNA-N
3	BFV BODY	DUCTILE IRON ASTM A-536
4	UPPER JOURNAL BEARING	FIBER & REINFORCED TEFLON
5	TORQUE PLUG	304 STAINLESS STEEL, ASTM A-276
6	VANE SEAT RING	EPT W/ STAINLESS STEEL INSERT
7	HEX HEAD CAP SCREW	18-8 STAINLESS STEEL W/ NYLOC PATCH
8	BFV VANE	DUCTILE IRON ASTM A-276
9	THRUST SHAFT	304 STAINLESS STEEL, ASTM A-276
10	LOWER JOURNAL BEARING	FIBER & REINFORCED TEFLON
11	THRUST BEARING	BRONZE ALLOY
12	THRUST BEARING CAP SCREW	18-8 STAINLESS STEEL
13	BODY END PLUG O-RING	BUNA-N
14	BODY END PLUG	STEEL
15	BODY SEAT RING	316 STAINLESS STEEL
16	BODY SEAT O-RING	BUNA-N

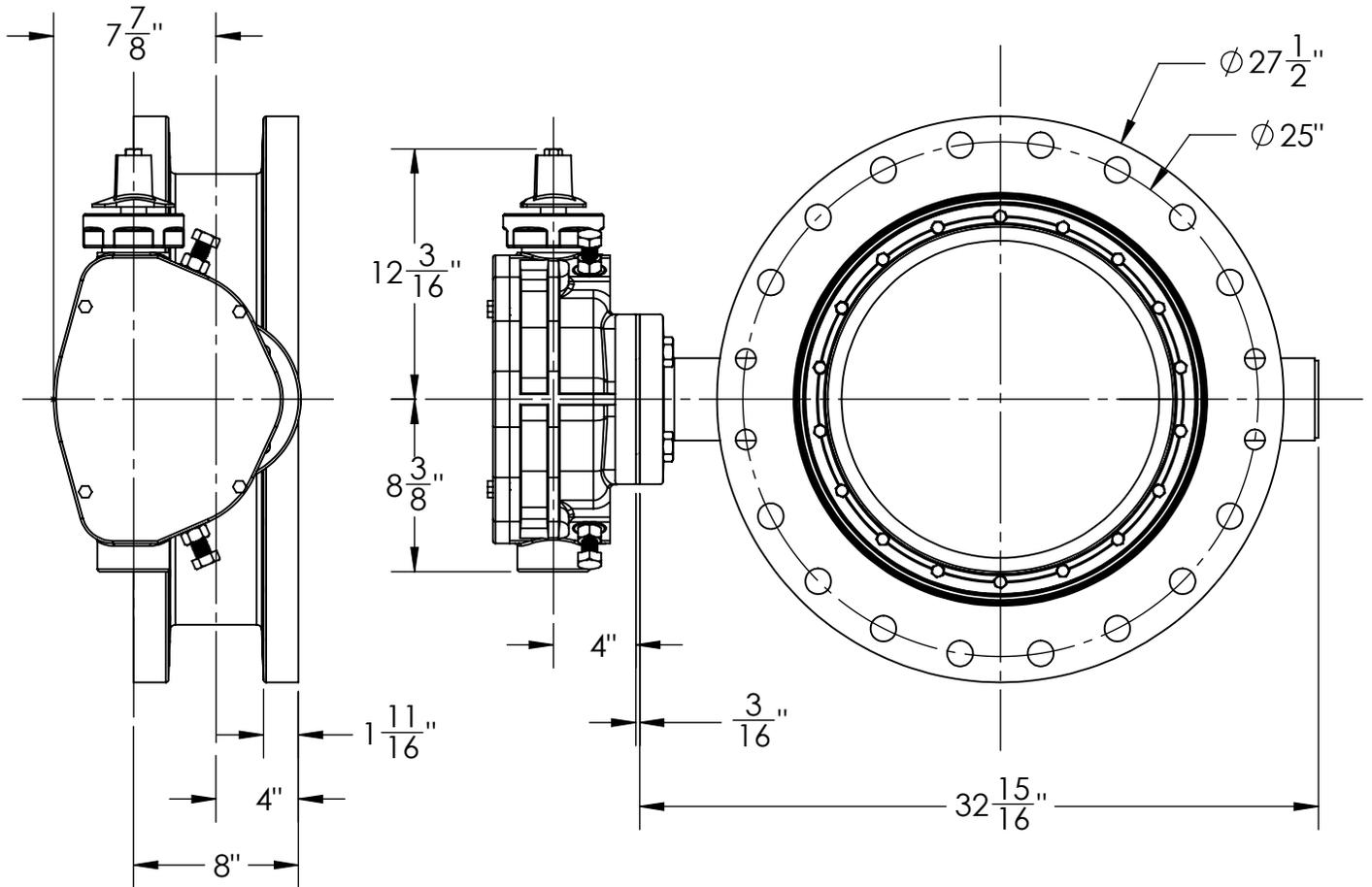
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 10/4/2018  
**DWG. NO.**  
 B18FBB11

18" AWWA C504 - STYLE 4500 - CL150  
 BFV w/ F/A16 MSS/ISO CONNECTION  
 SUB-ASSEMBLY - MATERIAL LIST  
 FLANGED ENDS



1. FLOW MAY BE IN EITHER DIRECTION
2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 REQUIREMENTS
3. NUMBER OF TURNS TO CLOSE: 48
4. OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
5. (20) 1 1/8"-7 BOLTS FOR EACH FLANGE
6. RATED AND TESTED FOR 150psi WORKING PRESSURE
7. VALVE WEIGHT IS 625 LBS.

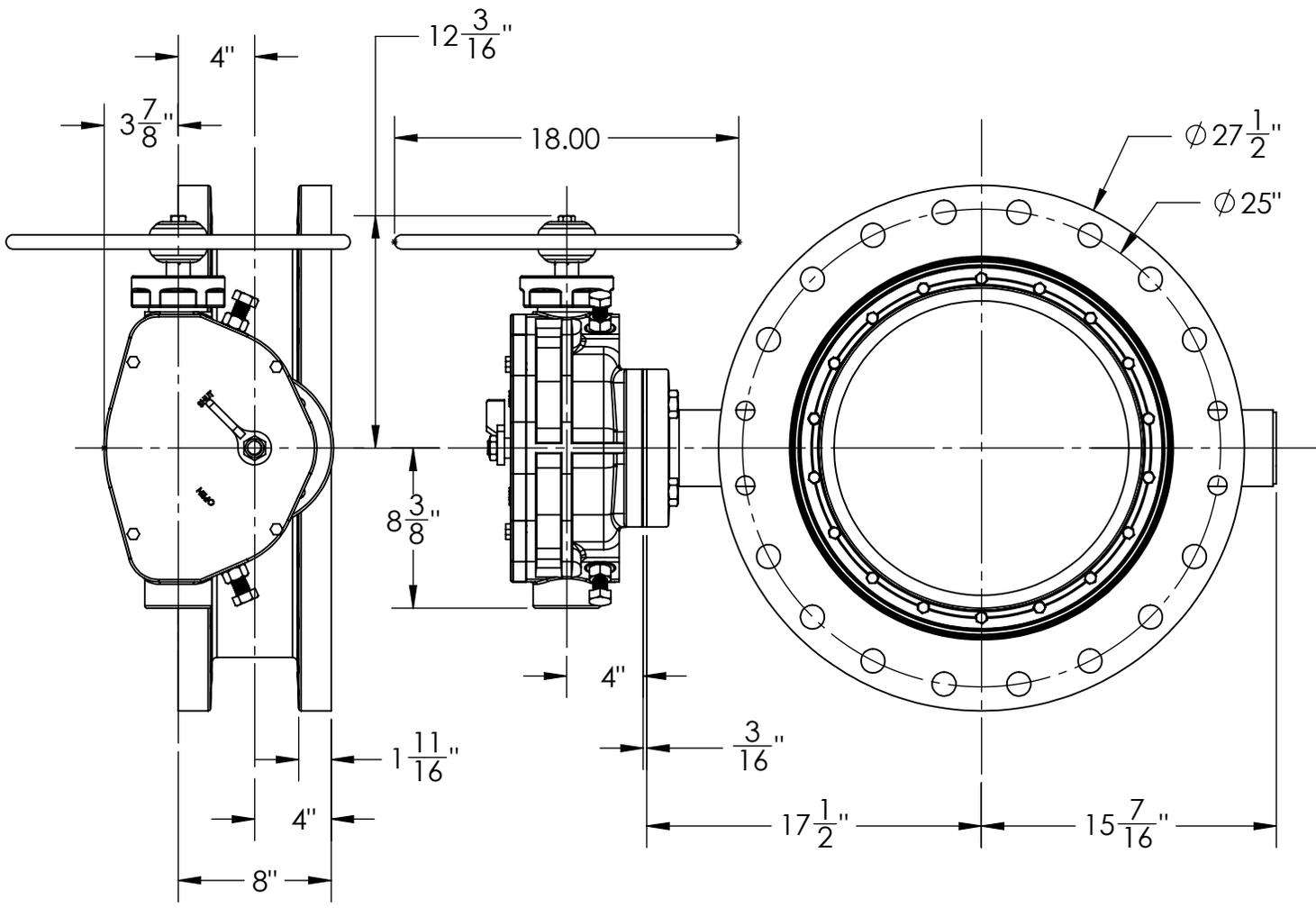
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

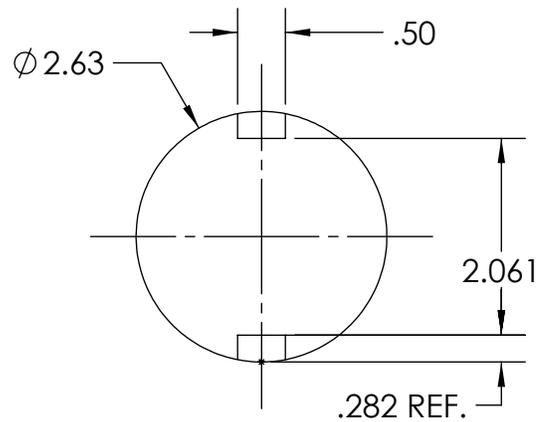
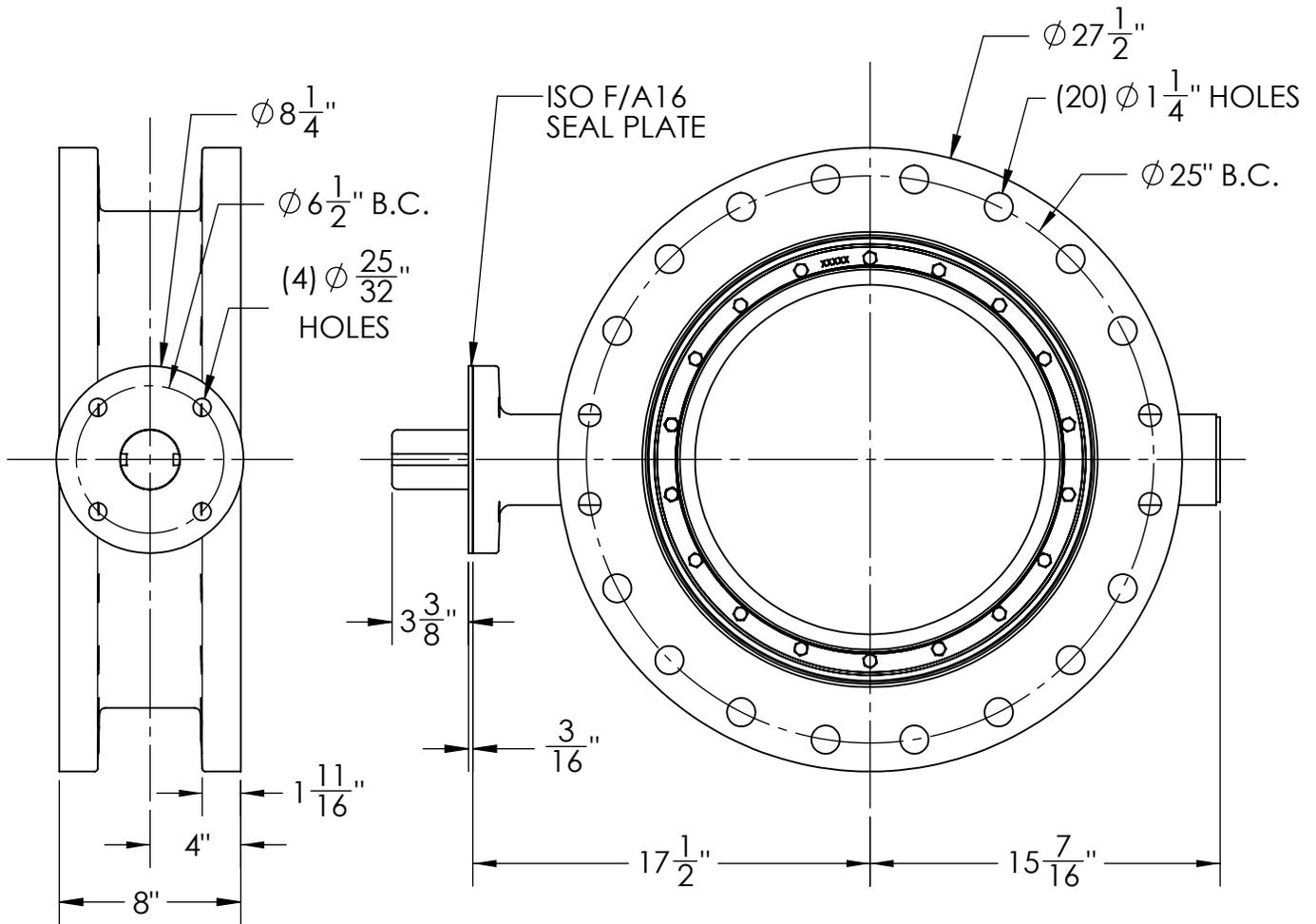
**DRAWN:** CTJ  
**DATE:** 11/26/2018  
**DWG. NO.** B20FAM11

**20" AWWA C504 - STYLE 4500 - CL150  
 BFV w/ 1250 F/A16 MSS/ISO CONNECTION  
 SUB-ASSEMBLY - DIMENSIONS  
 FLANGED END**



1. FLOW MAY BE IN EITHER DIRECTION
2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 REQUIREMENTS
3. NUMBER OF TURNS TO CLOSE: 48
4. OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
5. (20) 1 1/8"-7 BOLTS FOR EACH FLANGE
6. RATED AND TESTED FOR 150psi WORKING PRESSURE
7. VALVE WEIGHT IS 625 LBS.

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	<b>KENNEDY VALVE</b> Division of McWane, Inc. 1021 East Water St. Elmira, NY 14901			
	DRAWN: CTJ			DATE: 2/8/2019
		DWG. NO.	B20FAM1101	



SHAFT & KEYWAY DIM.

1. FLOW MAY BE IN EITHER DIRECTION
2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 STANDARDS
3. REFERENCE AWW C504 FOR FLANGES AND DRILLING (ANSI 125)
4. 16 BOLTS ON EACH FLANGE (12 THRU & 4 TAPPED)
5. 1 1/8" DIA. OF BOLTS
6. RATED AND TESTED FOR 150psi WORKING PRESSURE

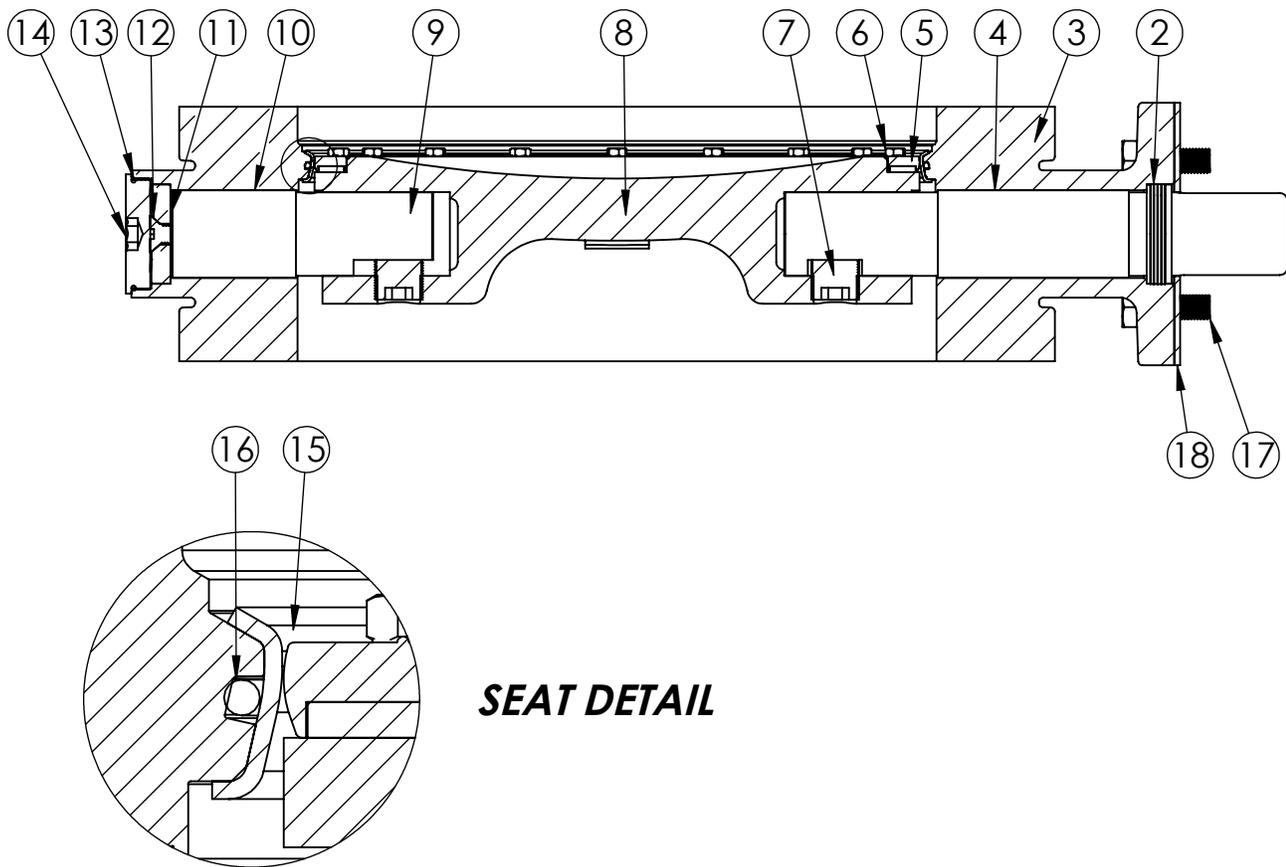
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**KENNEDY VALVE**  
Division of McWane, Inc.  
1021 East Water St.  
Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 6/4/2019  
**DWG. NO.**  
BD20-F1-B01-000

20" - STYLE 4500 - CL150  
BFV WITH F/A16 MSS/ISO CONNECTION  
FLANGED ENDS



**SEAT DETAIL**

<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>MATERIAL</b>
1	OPERATOR SHAFT	304 STAINLESS STEEL, ASTM A-276
2	V-RING PACKING SET	EPDM, BUNA-N
3	BFV BODY	DUCTILE IRON ASTM A-536
4	UPPER JOURNAL BEARING	FIBER & REINFORCED TEFLON
5	VANE SEAT RING	EPT W/ STAINLESS STEEL INSERT
6	HEX HEAD CAP SCREW	18-8 STAINLESS STEEL W/ NYLOC PATCH
7	TORQUE PLUG	304 STAINLESS STEEL, ASTM A-276
8	BFV VANE	DUCTILE IRON ASTM A-536
9	THRUST SHAFT	304 STAINLESS STEEL, ASTM A-276
10	LOWER JOURNAL BEARING	FIBER & REINFORCED TEFLON
11	THRUST BEARING	BRONZE ALLOY
12	THRUST BEARING CAP SCREW	18-8 STAINLESS STEEL
13	BODY END PLUG O-RING	BUNA-N
14	BODY END PLUG	STEEL
15	BODY SEAT RING	316 STAINLESS STEEL
16	BODY SEAT O-RING	BUNA-N
17	OPERATOR MOUNTING BOLTS	18-8 STAINLESS STEEL
18	ISO FA16 SEAL PLATE	COMMERCIAL STEEL

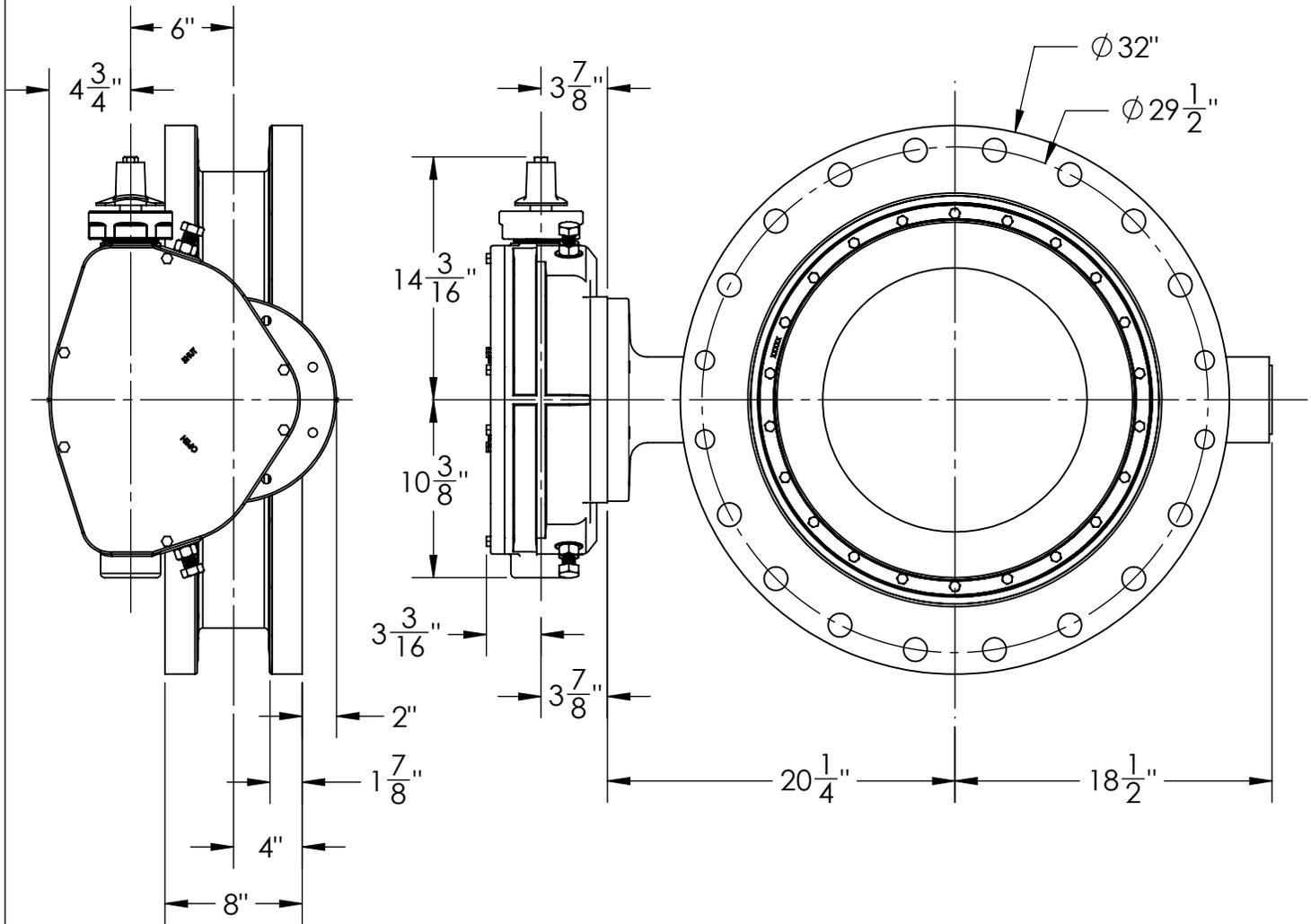
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** ZF  
**DATE:** 8/31/2018  
**DWG. NO.** B20FBB11

20" AWWA C504 - STYLE 4500 - CL150  
 BFV w/ F/A16 MSS/ISO CONNECTION  
 SUB-ASSEMBLY - MATERIAL LIST  
 FLANGED ENDS



1. FLOW MAY BE IN EITHER DIRECTION
2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 REQUIREMENTS
3. 72 TURNS TO CLOSE
4. OPERATED BY 2" AWWA OPERATING NUT / WRENCH NUT
5. (20) 1 1/4"-7 BOLTS ON EACH FLANGE, 4 THREADED
6. RATED AND TESTED FOR 150psi WORKING PRESSURE
7. VALVE WEIGHT IS 800 LBS.

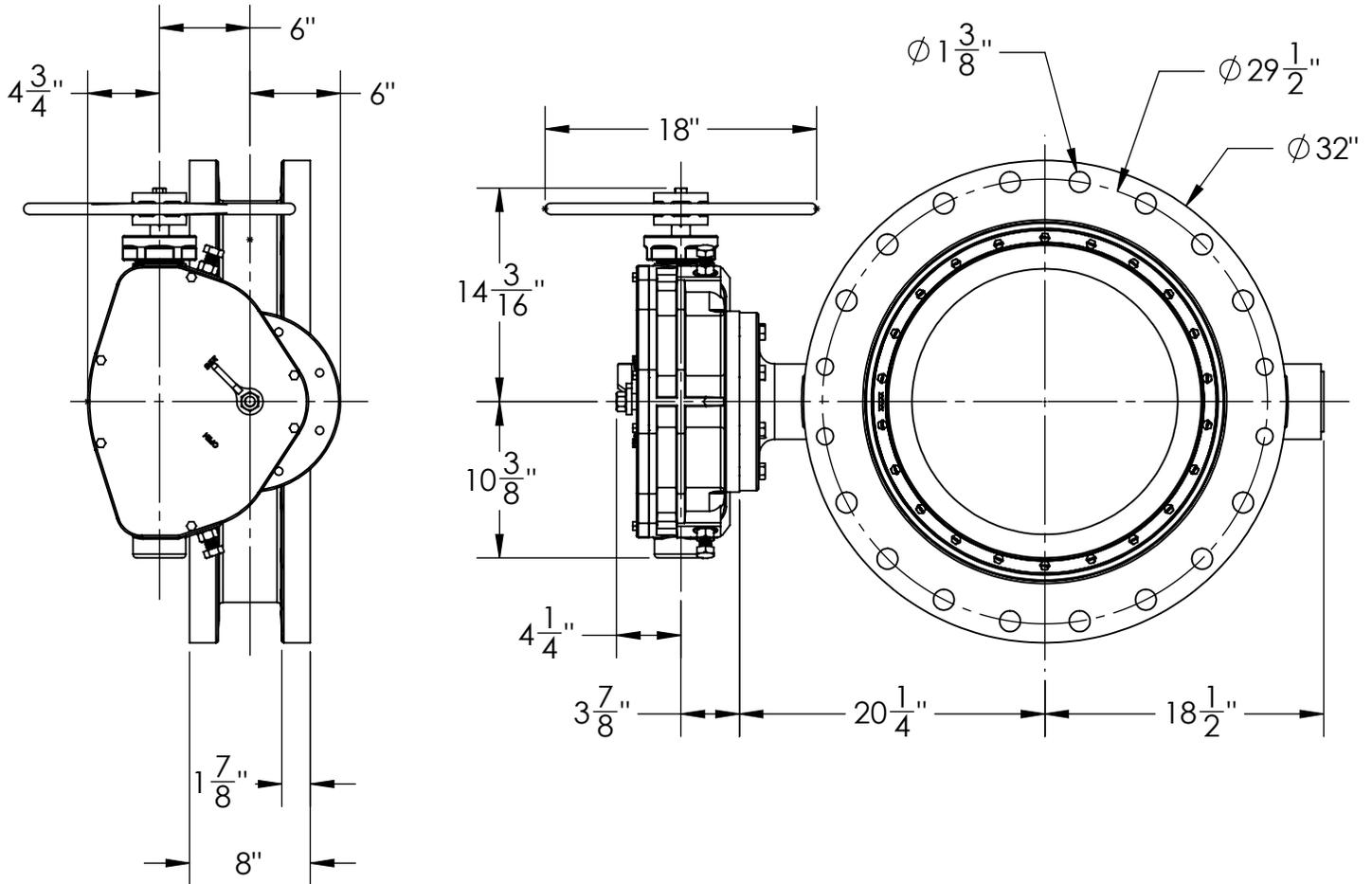
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 11/26/2018  
**DWG. NO.** B24FAM11

24" AWWA C504 - STYLE 4500 - CL150  
 BFV w/ F/A25 MSS/ISO CONNECTION  
 SUB-ASSEMBLY - DIMENSIONS  
 FLANGED END



1. FLOW MAY BE IN EITHER DIRECTION
2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 REQUIREMENTS
3. 72 TURNS TO CLOSE
4. 20 BOLTS ON EACH FLANGE
5. 1 1/4" BOLTS ON EACH FLANGE
6. 4 THREADED HOLES ON EACH FLANGE, 1 1/4"-7
7. OPERATED BY 18" HANDWHEEL
8. RATED AND TESTED FOR 150psi WORKING PRESSURE

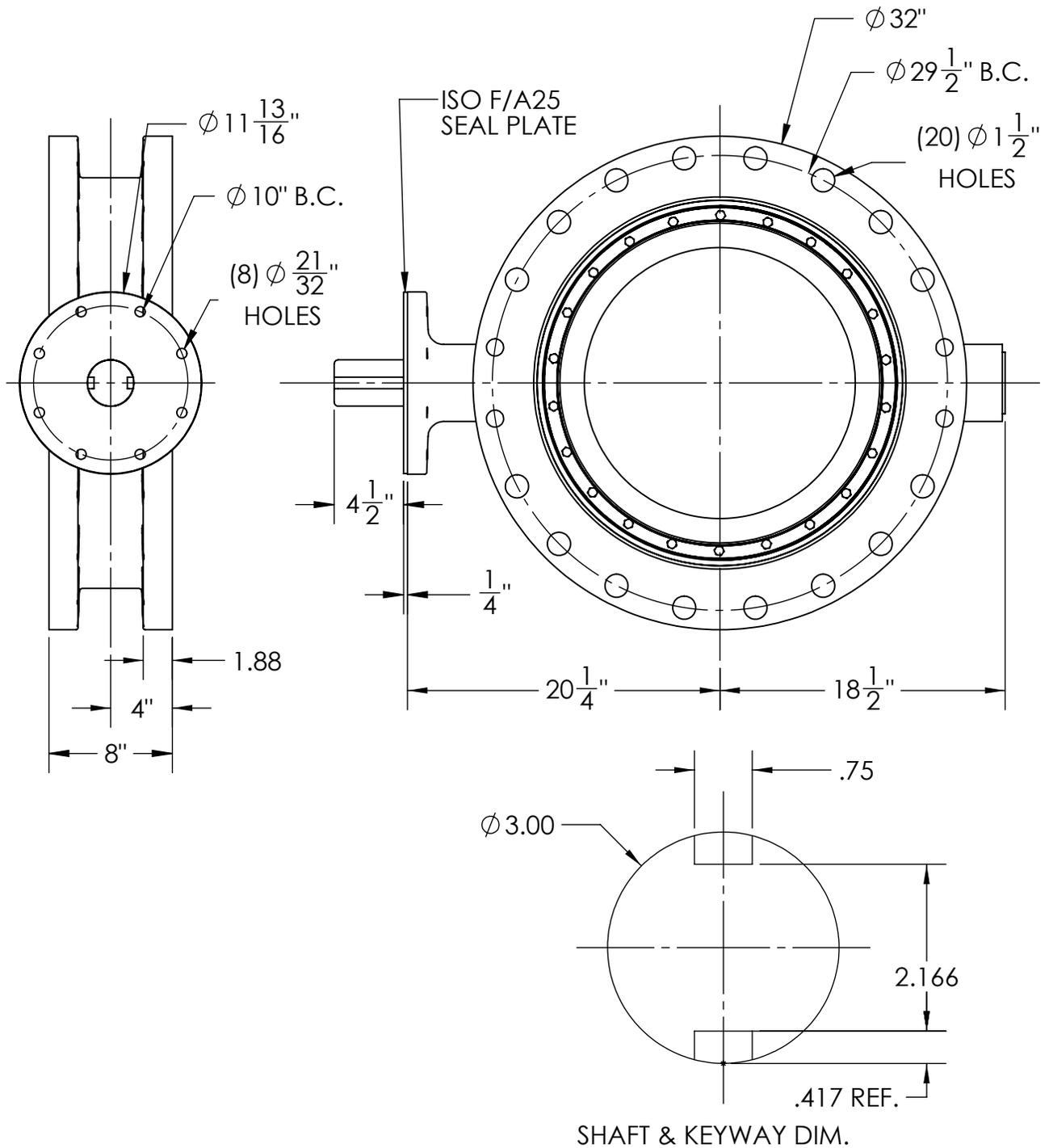
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 5/14/2019  
**DWG. NO.**  
 BD24-F1-M31-000

24" AWWA C504 - STYLE 4500 - CL150  
 BFV w/ F/A25 MSS/ISO CONNECTION  
 HANDWHEEL OPERATOR - OPEN LEFT  
 FLANGED END



SHAFT & KEYWAY DIM.

1. FLOW MAY BE IN EITHER DIRECTION
2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 STANDARDS
3. REFERENCE AWWA C504 FOR FLANGES AND DRILLING (ANSI 125)
4. 16 BOLTS ON EACH FLANGE (16 THRU & 4 TAPPED)
5. 1 1/4" DIA. OF BOLTS
6. RATED AND TESTED FOR 150psi WORKING PRESSURE

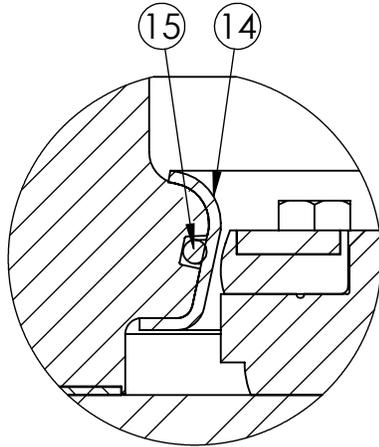
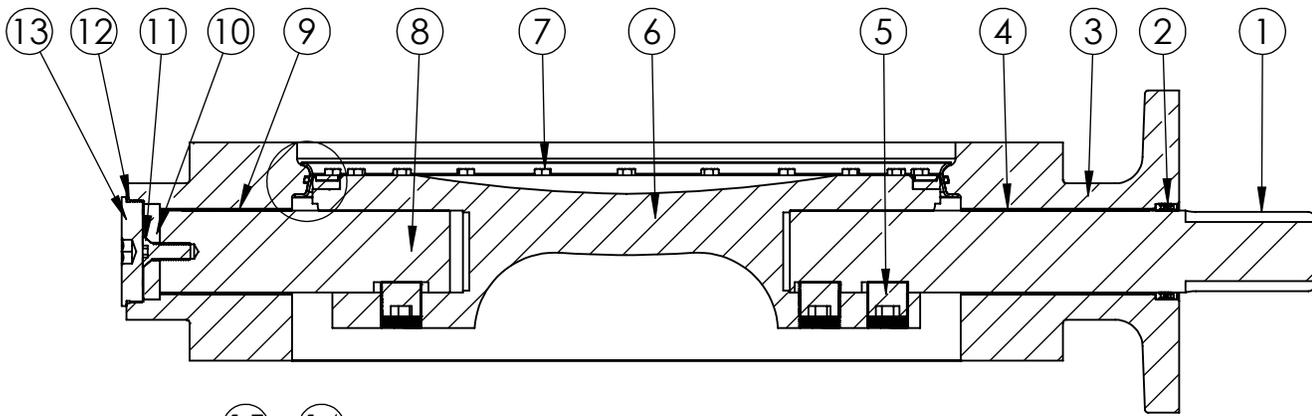
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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** CTJ  
**DATE:** 6/4/2019  
**DWG. NO.**  
 BD24-F1-B01-000

24" - STYLE 4500 - CL150 BFV  
 w/ F/A25 MSS/ISO CONNECTION  
 FLANGED ENDS



**SEAT DETAIL**

<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>MATERIAL</b>
1	OPERATOR SHAFT	304 STAINLESS STEEL, ASTM A-276
2	V-RING PACKING SET	EPDM, BUNA-N
3	BFV BODY	DUCTILE IRON ASTM A-536
4	UPPER JOURNAL BEARING	FIBER & REINFORCED TEFLON
5	TORQUE PLUG	304 STAINLESS STEEL, ASTM A-276
6	VANE SEAT RING	EPT W/ STAINLESS STEEL INSERT
7	HEX HEAD CAP SCREW	18-8 STAINLESS STEEL W/ NYLOC PATCH
8	THRUST SHAFT	304 STAINLESS STEEL, ASTM A-276
9	LOWER JOURNAL BEARING	FIBER & REINFORCED TEFLON
10	THRUST BEARING	BRONZE ALLOY
11	THRUST BEARING CAP SCREW	18-8 STAINLESS STEEL
12	BODY END PLUG	STEEL
13	BODY END PLUG O-RING	EPDM
14	BODY SEAT RING	316 STAINLESS STEEL
15	BODY SEAT O-RING	BUNA-N

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**KENNEDY VALVE**  
 Division of McWane, Inc.  
 1021 East Water St.  
 Elmira, NY 14901

**DRAWN:** ZF  
**DATE:** 8/13/2018  
**DWG. NO.** B24FBB11

24" AWWA C504 - STYLE 4500 - CL150  
 BFV w/ F/A25 MSS/ISO CONNECTION  
 SUB-ASSEMBLY - MATERIAL LIST  
 FLANGED ENDS