

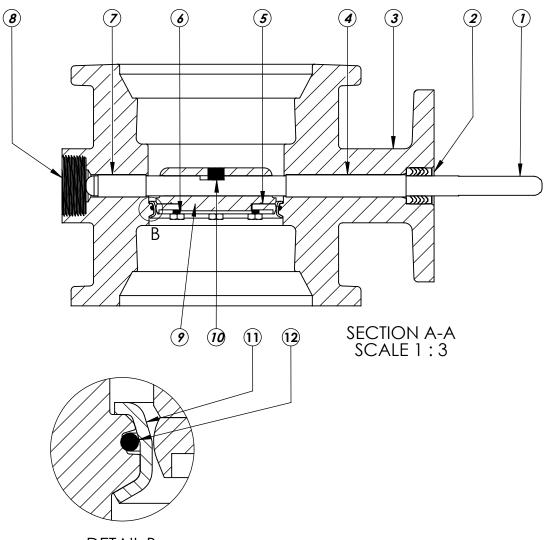
- 1. FLOW MAY BE IN EITHER DIRECTION
- 2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 REQUIREMENTS
- 3. REFERENCE AWWA C504 FOR FLANGES AND DRILLING (ANSI 125)
- 4. 29 TURNS TO CLOSE
- 5. 4 BOLTS ON EACH FLANGE
- 6. 3/4" DIAMETER OF BOLTS
- 7. OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
- 8. RATED AND TESTED FOR 150psi WORKING PRESSURE

CLCW

CLOW VALVE COMPANY

A DIVISION OF MCWANE INC. 902 SOUTH 2ND ST OSKALOOSA, IA 52577 DRAWN: CTJ
DATE: 1/23/2019
DWG.
NO. B04MAM1100

4" - Style 4500 - CL150 BFV with F/A 12 MSS/ISO Connection-MJ ENDS - Buried Operator



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SCAL	E 2	<u> </u>	1

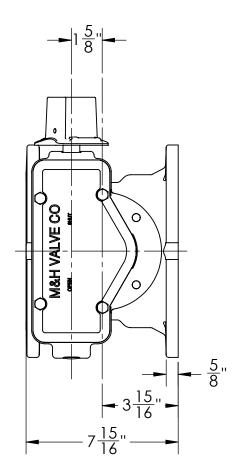
ITEM NO.	DESCRIPTION	MATERIAL
1	VANE SHAFT	304 STAINLESS STEEL, ASTM A-276
2	V-RING PACKING SET	EPDM, BUNA-N
3	BFV BODY	DUCTILE IRON ASTM A-536
4	UPPER JOURNAL BEARING	NYLATRON
5	VANE SEAT RING	EPT with SS INSERT
6	HEX HEAD CAPSCREW	18-8 STAINLESS STEEL with NYLOC PATCH
7	LOWER JOURNAL BEARING	NYLATRON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

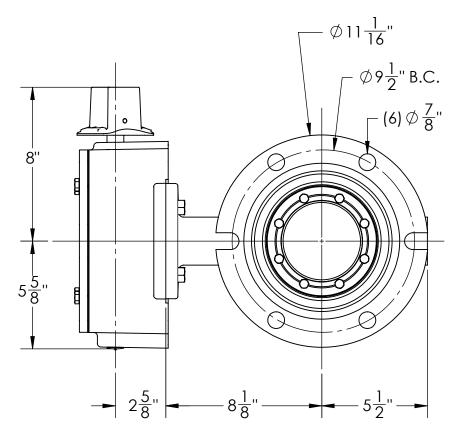


CLOW VALVE COMPANY

A DIVISION OF MCWANE INC. 902 SOUTH 2ND ST OSKALOOSA, IA 52577

DRAWN: ZF DATE: 1/4/17 B04MBB11 4" AWWA C504 - Style 4500 - CL150 BFV with F/A 12 MSS/ISO Connection Sub-Assembly - Material List MECHANICAL JOINT END



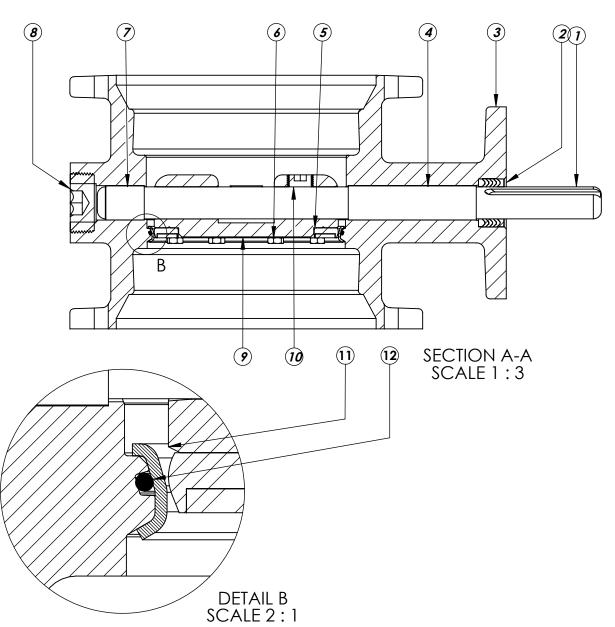


- 1. FLOW MAY BE IN EITHER DIRECTION
- 2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 REQUIREMENTS
- 3. REFERENCE AWWA C504 FOR FLANGES AND DRILLING (ANSI 125)
- 4. 29 NUMBER OF TURNS TO CLOSE
- 5. 6 BOLTS ON EACH FLANGE
- 6. 3/4" DIAMETER OF BOLTS
- 7. OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
- 8. RATED AND TESTED FOR 150psi WORKING PRESSURE

CLCW VALVE CO. CLOW VALVE COMPANY

A DIVISION OF MCWANE INC. 902 SOUTH 2ND ST OSKALOOSA, IA 52577 DRAWN: CTJ
DATE: 11/26/2018
DWG.
NO. BO6MAM11

6" - Style 4500 - CL150 BFV with F/A 12 MSS/ISO Connection-MJ ENDS - Buried Operator

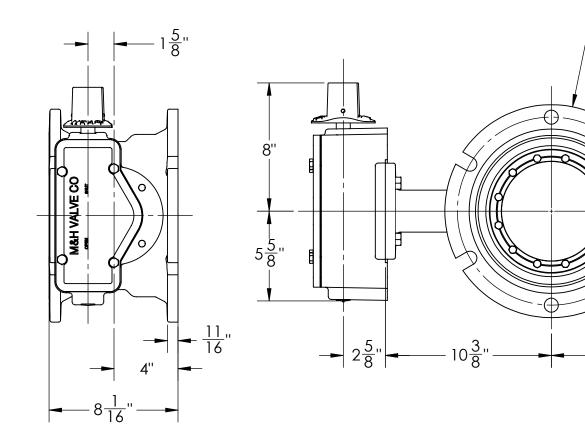


ITEM NO.	DESCRIPTION	MATERIAL
1	VANE SHAFT	304 STAINLESS STEEL, ASTM A-276
2	V-RING PACKING SET	EPDM, BUNA-N
3	BFV BODY	DUCTILE IRON ASTM A-536
4	UPPER JOURNAL BEARING	NYLATRON
5	VANE SEAT RING	EPT with SS INSERT
6	HEX HEAD CAPSCREW	18-8 STAINLESS STEEL with NYLOC PATCH
7	LOWER JOURNAL BEARING	NYLATRON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

CLCW VALVE CO.

CTJ DRAWN: **CLOW VALVE COMPANY DATE:** 11/27/2018 A DIVISION OF MCWANE INC. 902 SOUTH 2ND ST OSKALOOSA, IA 52577 B06MBB11

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

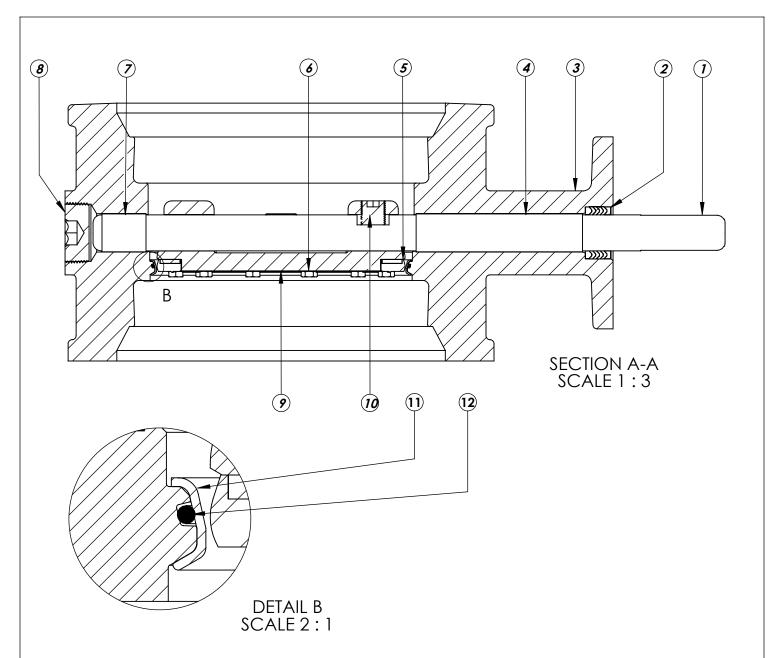


- 1. FLOW MAY BE IN EITHER DIRECTION
- 2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 REQUIREMENTS
- 3. REFERENCE AWWA C504 FOR FLANGES AND DRILLING (ANSI 125)
- 4. 29 TURNS TO CLOSE
- 5. 6 BOLTS ON EACH FLANGE
- 6. 3/4" DIAMETER OF BOLTS
- 7. OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
- 8. RATED AND TESTED FOR 150psi WORKING PRESSURE

CLCW VALVE CO. CLOW VALVE COMPANY

A DIVISION OF MCWANE INC. 902 SOUTH 2ND ST OSKALOOSA, IA 52577 **DRAWN:** CTJ **DATE:** 11/27/2018 **DWG. NO.** BO8MAM11 8" - Style 4500 - CL150 BFV with F/A 12 MSS/ISO Connection-MJ ENDS - Buried Operator

 \emptyset 13 $\frac{5}{16}$ "

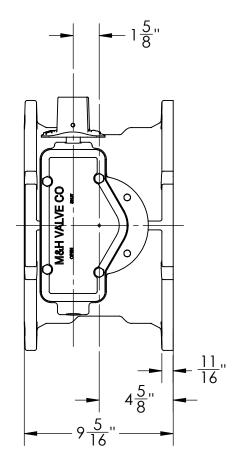


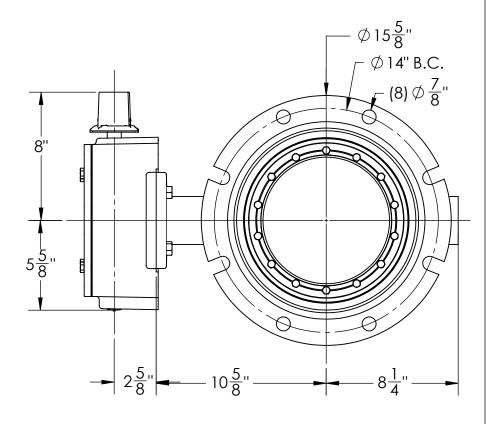
ITEM NO.	DESCRIPTION	MATERIAL
1	VANE SHAFT	304 STAINLESS STEEL, ASTM A-276
2	V-RING PACKING SET	EPDM, BUNA-N
3	BFV BODY	DUCTILE IRON ASTM A-536
4	UPPER JOURNAL BEARING	NYLATRON
5	VANE SEAT RING	EPT with SS INSERT
6	HEX HEAD CAPSCREW	18-8 STAINLESS STEEL with NYLOC PATCH
7	LOWER JOURNAL BEARING	NYLATRON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

CLCW VALVE CO.

CLOW VALVE COMPANY A DIVISION OF MCWANE INC. 902 SOUTH 2ND ST OSKALOOSA, IA 52577

DRAWN: ZF DATE: 1/9/17 B08MBB11 8" AWWA C504 - Style 4500 - CL150 BFV with F/A 12 MSS/ISO Connection Sub-Assembly - Material List MJ ENDS





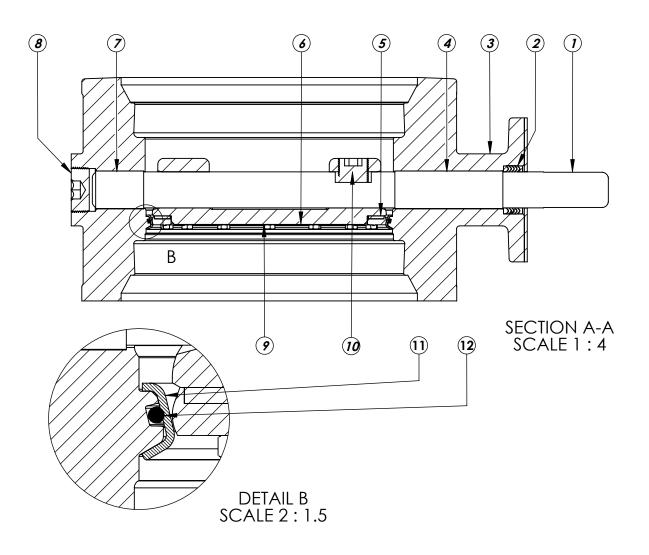
- 1. FLOW MAY BE IN EITHER DIRECTION
- 2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 REQUIREMENTS
- 3. REFERENCE AWWA C504 FOR FLANGES AND DRILLING (ANSI 125)
- 4. 29 TURNS TO CLOSE
- 5. 8 BOLTS ON EACH FLANGE
- 6. 3/4" DIAMETER OF BOLTS
- 7. OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
- 8. RATED AND TESTED FOR 150psi WORKING PRESSURE

CLCW

CLOW VALVE COMPANY

A DIVISION OF MCWANE INC. 902 SOUTH 2ND ST OSKALOOSA, IA 52577 DRAWN: CTJ
DATE: 11/26/2018
DWG.
NO. B10MAM11

10" - Style 4500 - CL150 BFV with F/A 12 MSS/ISO Connection-MJ ENDS - Buried Operator

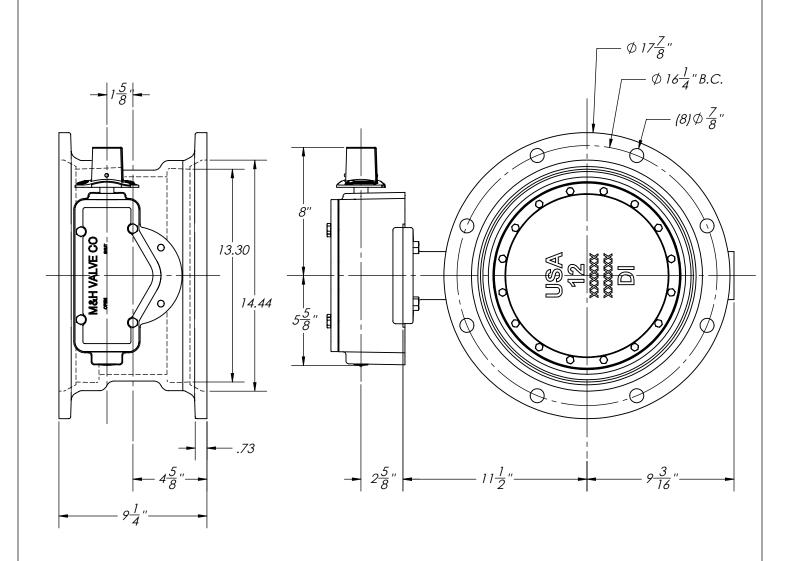


ITEM NO.	DESCRIPTION	MATERIAL
1	VANE SHAFT	304 STAINLESS STEEL, ASTM A-276
2	V-RING PACKING SET	EPDM, BUNA-N
3	BFV BODY	DUCTILE IRON ASTM A-536
4	UPPER JOURNAL BEARING	NYLATRON
5	VANE SEAT RING	EPT with SS INSERT
6	HEX HEAD CAPSCREW	18-8 STAINLESS STEEL with NYLOC PATCH
7	LOWER JOURNAL BEARING	NYLATRON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

CLCW VALVE CO. CLOW VALVE COMPANY

A DIVISION OF MCWANE INC. 902 SOUTH 2ND ST OSKALOOSA, IA 52577 DRAWN: ZF
DATE: 1/9/17
DWG.
NO. B10MBB11

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



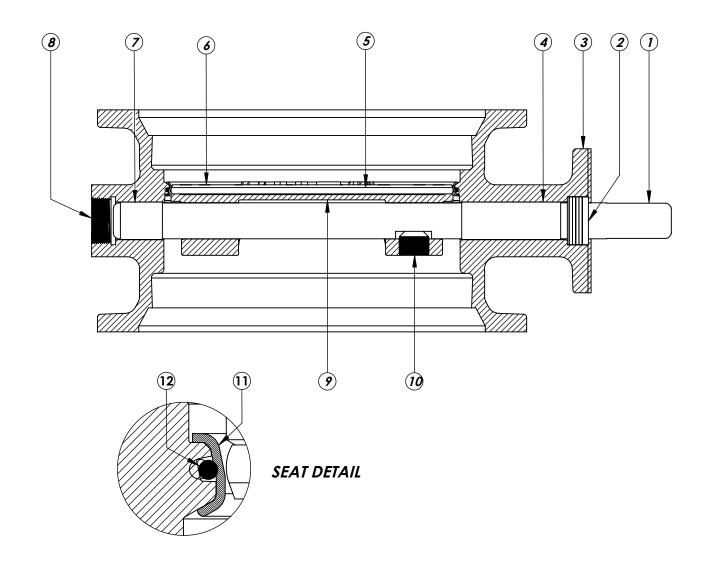
- 1. FLOW MAY BE IN EITHER DIRECTION
- 2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 REQUIREMENTS
- 3. 29 TURNS TO CLOSE
- 4. OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
- 5. RATED AND TESTED FOR 150psi WORKING PRESSUR
- 6. 3/4" DIAMETER BOLTS
- 7. GASKETS, GLANDS, AND BOLTS FOR MECHANICAL JOINT FURNISHED WITH VALVE WHEN SPECIFIED ON ORDER

D OR REPRODUCED WITHOUT WRITTEN CONSENT. DESIGN & INVENTION RIGHTS RESERVED.

CLCW VALVE CO. CLOW VALVE COMPANY

A DIVISION OF MCWANE INC. 902 SOUTH 2ND ST OSKALOOSA, IA 52577 DRAWN: CTJ
DATE: 11/26/2018
DWG. NO.
B12MAM11

12" - Style 4500 - CL150
BFV with F/A 12 MSS/ISO ConnectionMECHANICAL JOINT - Buried Operator

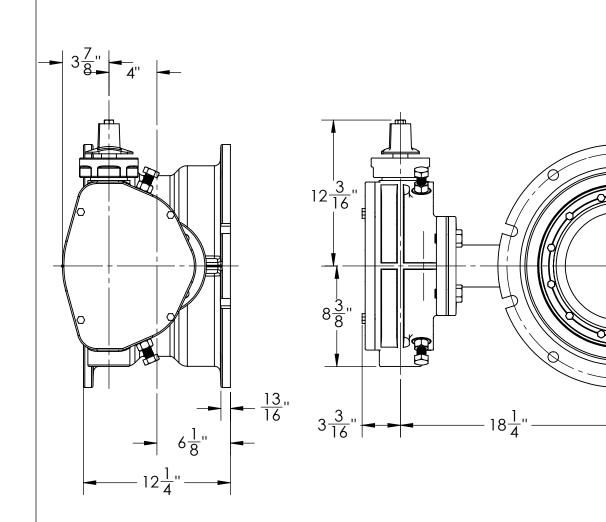


ITEM NO.	DESCRIPTION	MATERIAL
1	VANE SHAFT	304 STAINLESS STEEL, ASTM A-276
2	V-RING PACKING	EPDM, BUNA-N
3	BFV BODY	DUCTILE IRON ASTM A-536
4	UPPER JOURNAL BEARING	NYLATRON
5	VANE SEAT RING	EPT w/ SS INSERT
6	HEX HEAD CAP SCREW	18-8 STAINLESS STEEL w/ NYLOC PATCH
7	LOWER JOURNAL BEARING	NYLATRON
8	BFV 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 SEAT O-RING	BUNA-N

CLCW VALVE CO. CLOW VALVE COMPANY

A DIVISION OF MCWANE INC. 902 SOUTH 2ND ST OSKALOOSA, IA 52577 | DRAWN: KLM | DATE: 10/2016 | DWG. NO. | B12MBB11

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



- 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. 3/4" DIA. OF BOLTS

VALVE CO.

- 6. OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
- 7. RATED AND TESTED FOR 150psi WORKING PRESSURE
- 8. GASKETS, GLANDS, AND BOLTS FOR MECHANICAL JOINT FURNISHED WITH VALVE WHEN SPECIFIED ON ORDER
- 9. WEIGHT OF VALVE IS 450 LBS.

THIS DWG. AND ALL INFORMATION THEREON IS PROPERTY OF CLOW VALVE COMPANY AND SHALL NOT BE USED,

CLOW VALVE COMPANY

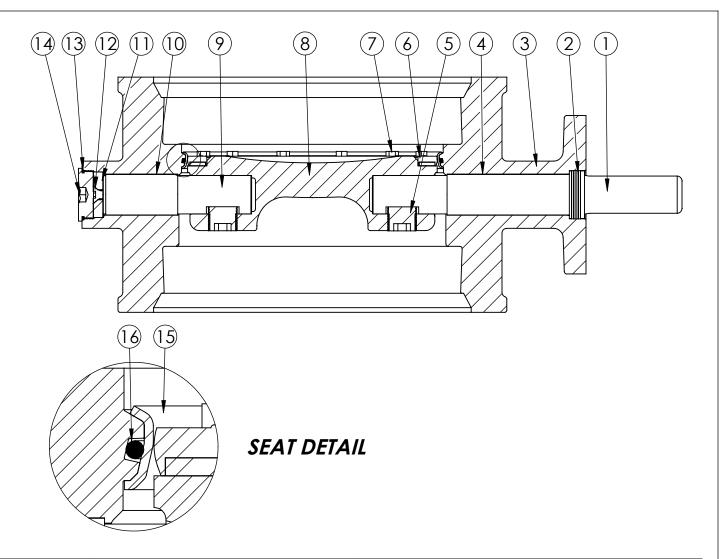
A DIVISION OF MCWANE INC. 902 SOUTH 2ND ST OSKALOOSA, IA 52577 DRAWN: ZF

DATE: 12/3/2018

DWG. NO.

B14MAM1100

14" - Style 4500 - CL150 BFV with F/A 16 MSS/ISO Connection-MECHANICAL JOINT - Buried Operator



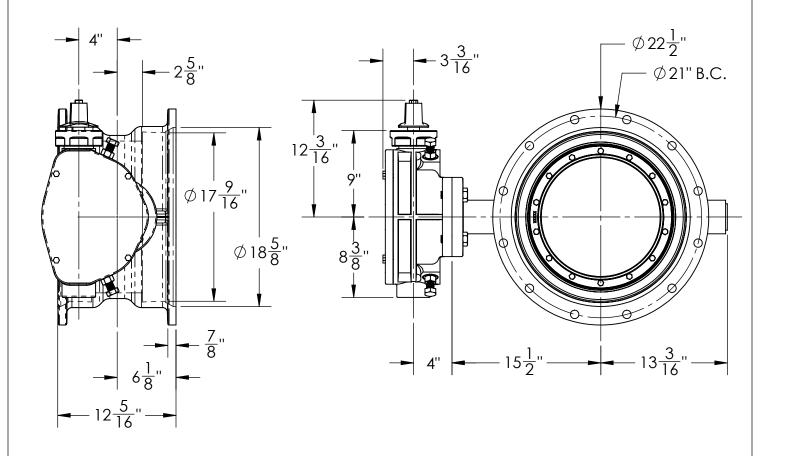
ITEM NO.	DESCRIPTION	MATERIAL
1	OPERATOR SHAFT	304 STAINLESS STEEL, ASTM A-276
2	V-RING PACKING SET	EPDM, BUNA-N
3	BFV BODY	DUCTILE IRON ASTM A-536
4	UPPER JOURNAL BEARING	FIBER & REINFORCED TEFLON
5	TORQUE PLUG	304 STAINLESS STEEL, ASTM A-276
6	VANE SEAT RING	EPT W/ STAINLESS STEEL INSERT
7	HEX HEAD 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

CLCW VALVE CO.

CLOW VALVE COMPANY

A DIVISION OF MCWANE INC. 902 SOUTH 2ND ST OSKALOOSA, IA 52577 | DRAWN: ZF | DATE: 8/31/2018 | DWG. NO. | B14MBB11

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



- 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. 3/4" DIA. OF BOLTS
- 6. OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
- 7. RATED AND TESTED FOR 150psi WORKING PRESSURE
- 8. GASKETS, GLANDS, AND BOLTS FOR MECHANICAL JOINT FURNISHED WITH VALVE WHEN SPECIFIED ON ORDER
- 9. WEIGHT OF VALVE IS 450 LBS.

CLOW VALVE COMPANY DR.

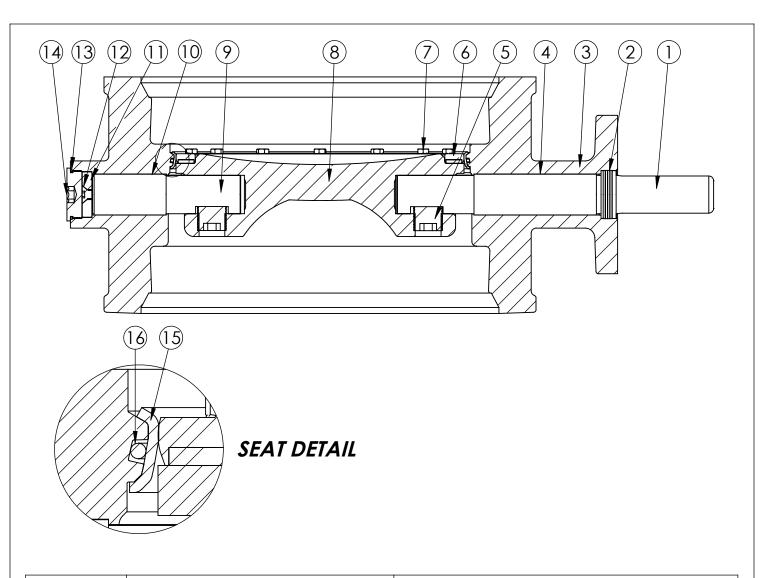
CLCW VALVE CO.

A DIVISION OF MCWANE INC. 902 SOUTH 2ND ST

OSKALOOSA, IA 52577

DRAWN: CTJ
DATE: 12/3/2018
DWG: NO.
B16MAM1100

16" - Style 4500 - CL150 BFV with F/A 16 MSS/ISO Connection-MECHANICAL JOINT - Buried Operator



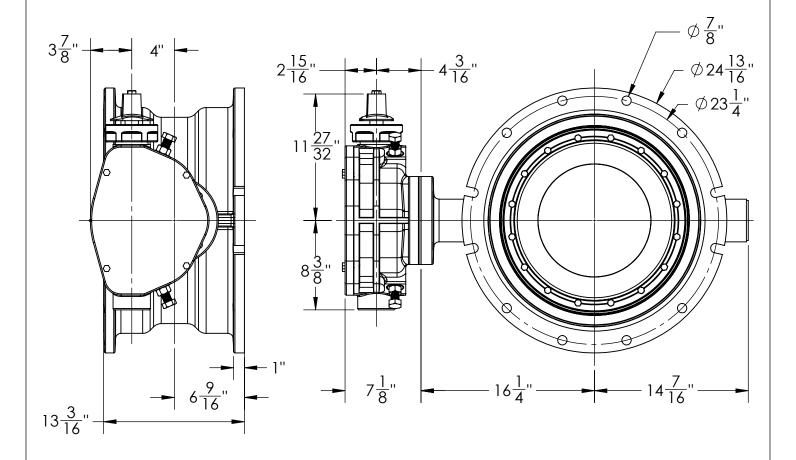
ITEM NO.	DESCRIPTION	MATERIAL
1	OPERATOR SHAFT	304 STAINLESS STEEL, ASTM A-276
2	V-RING PACKING SET	EPDM, BUNA-N
3	BFV BODY	DUCTILE IRON ASTM A-536
4	UPPER JOURNAL BEARING	FIBER & REINFORCED TEFLON
5	TORQUE PLUG	304 STAINLESS STEEL, ASTM A-276
6	VANE SEAT RING	EPT W/ STAINLESS STEEL INSERT
7	HEX HEAD 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

CLCW VALVE CO. **CLOW VALVE COMPANY**

A DIVISION OF MCWANE INC. 902 SOUTH 2ND ST OSKALOOSA, IA 52577 **DRAWN:** ZF **DATE:** 8/31/2018

B16MBB11

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



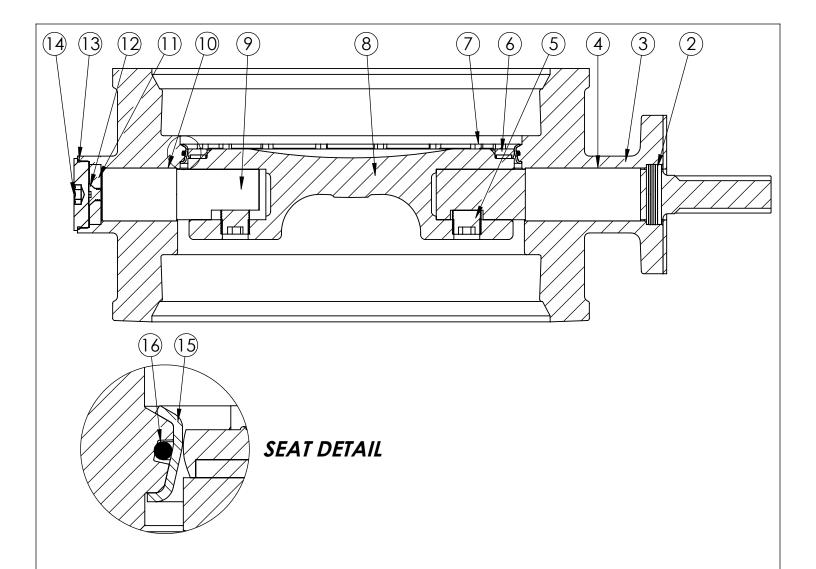
- 1. FLOW MAY BE IN EITHER DIRECTION
- 2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 STANDARDS
- 3. 48 TURNS TO CLOSE
- 4. 16 BOLTS ON EACH FLANGE
- 5. 3/4" DIA. OF BOLTS
- 6. OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
- 7. RATED AND TESTED FOR 150psi WORKING PRESSURE
- 8. GASKETS, GLANDS, & BOLTS FOR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



CLOW VALVE COMPANY

A DIVISION OF MCWANE INC. 902 SOUTH 2ND ST OSKALOOSA, IA 52577 DRAWN: CTJ
DATE: 11/27/2018
DWG.
NO.
B18MAM11

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



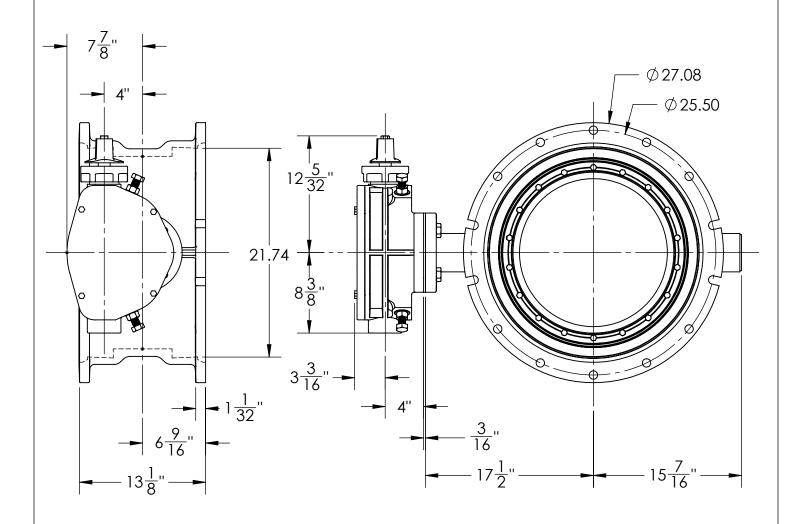
ITEM NO.	DESCRIPTION	MATERIAL
1	OPERATOR SHAFT	304 STAINLESS STEEL, ASTM A-276
2	V-RING PACKING SET	EPDM, BUNA-N
3	BFV BODY	DUCTILE IRON ASTM A-536
4	UPPER JOURNAL BEARING	FIBER & REINFORCED TEFLON
5	TORQUE PLUG	304 STAINLESS STEEL, ASTM A-276
6	VANE SEAT RING	EPT W/ STAINLESS STEEL INSERT
7	HEX HEAD 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

CLOW VALVE COMPANY CLCW VALVE CO.

A DIVISION OF McWANE INC. 902 SOUTH 2ND ST OSKALOOSA, IA 52577

DRAWN: ZF 8/31/2018 DATE: B18MBB11

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



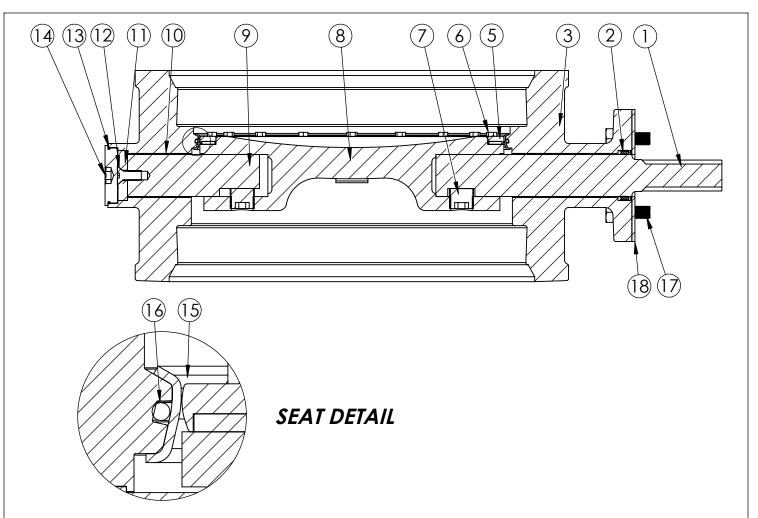
- 1. FLOW MAY BE IN EITHER DIRECTION
- 2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 REQUIREMENTS
- 3. NUMBER OF TURNS TO CLOSE: 48
- 4. NUMBER OF BOLTS ON EACH FLANGE: 14
- DIAMETER OF BOLTS: 3/4
- 6. INSIDE DIAMTER OF VALVE HUB: 21.74"
- 7. OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
- 8. RATED AND TESTED FOR 150psi WORKING PRESSURE
- 9. GASKETS, GLANDS, AND BOLTS FOR MECHANICAL JOINT FURNISHED WITH VALVE SPECIFIED ON ORDER



CLOW VALVE COMPANY

A DIVISION OF MCWANE INC. 902 SOUTH 2ND ST OSKALOOSA, IA 52577 **DRAWN:** CTJ **DATE:** 11/26/2018 **DWG.**NO. B20MAM11

20" - Style 4500 - CL150 BFV with 1250 F/A16 MSS/ISO Conection-Mechanical Joint - Buried Operator



ITEM NO.	DESCRIPTION	MATERIAL
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

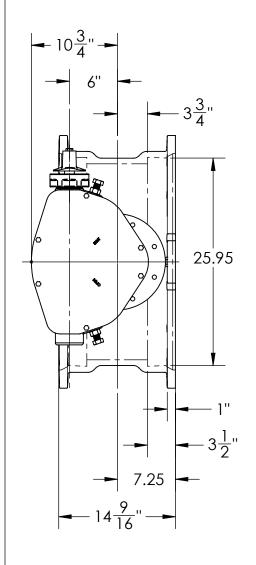
CLOW V VALVE CO.

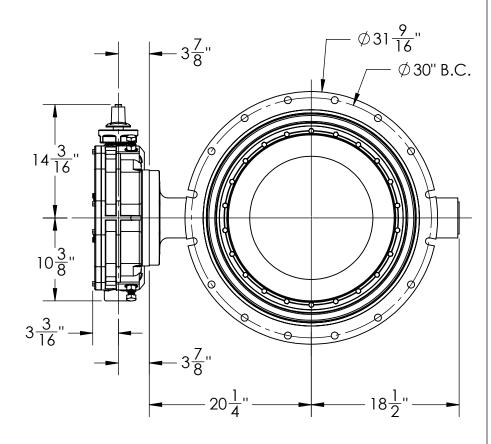
CLOW VALVE COMPANY

A DIVISION OF MCWANE INC. 902 SOUTH 2ND ST OSKALOOSA, IA 52577 **DRAWN:** ZF **DATE:** 9/27/2018

B20MBB11

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





- 1. FLOW MAY BE IN EITHER DIRECTION
- 2. 72 TURNS TO CLOSE
- 3. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 REQUIREMENTS
- 4. NUMBER OF TURNS TO CLOSE
- 5. (16) 3/4" BOLTS ON EACH FLANGE
- 6. OPERATED BY 2" AWWA OPERATING NUT / WRENCH NUT
- 7. RATED AND TESTED FOR 150psi WORKING PRESSURE
- 8. GASKETS, GLANDS, AND BOLTS FOR MECHANICAL JOINT FURNISHED WITH VALVE WHEN SPECIFIED ON ORDERS
- 9. VALVE WEIGHT IS 800 LBS.

CLCW VALVE CO.

CLOW VALVE COMPANY

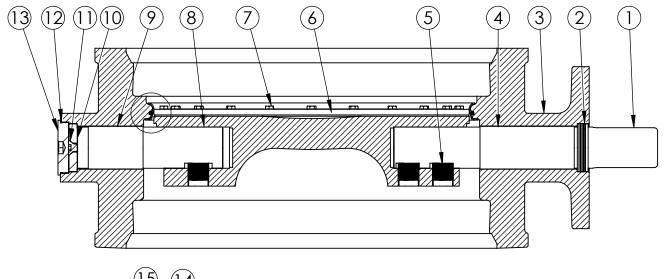
A DIVISION OF MCWANE INC. 902 SOUTH 2ND ST OSKALOOSA, IA 52577 DRAWN: CTJ

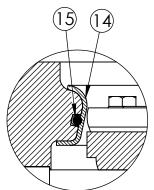
DATE: 11/26/2018

DWG.
NO.

B24MAM11

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





SEAT DETAIL

ITEM NO.	DESCRIPTION	MATERIAL
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 O-RING	EPDM
13	BODY END PLUG	STEEL
14	BODY SEAT RING	316 STAINLESS STEEL
15	BODY SEAT O-RING	BUNA-N

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OSKALOOSA, IA 52577

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CLCW VALVE CO. CLOW VALVE COMPANY

A DIVISION OF McWANE INC.
902 SOUTH 2ND ST

DRAWN: ZF

DATE: 6/28/18

DWG.
NO.

BMJ-15-45-24-ISO

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