

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

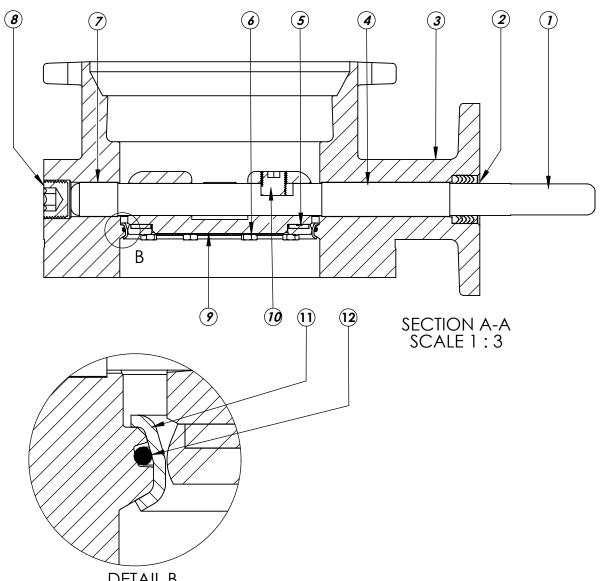


CLOW VALVE COMPANY

A DIVISION OF MCWANFING 902 SOUTH 2ND ST OSKALOOSA, IOWA 52577

DRAWN: CTJ **DATE:** 11/26/2018 B06XAM11

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



DETAIL B SCALE 2:1

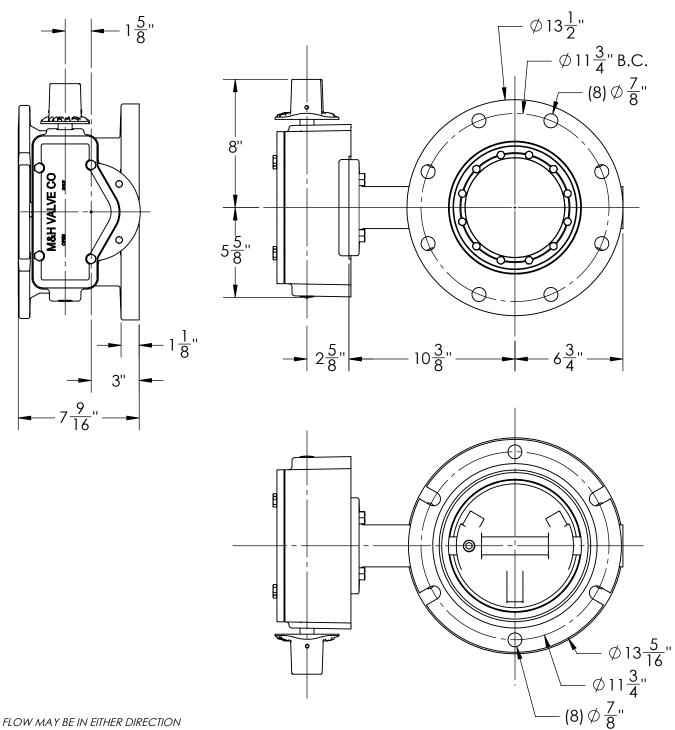
ITEM NO.	DESCRIPTION	MATERIAL
1	VANE SHAFT	304 STAINLESS STEEL, ASTM A-276
2	V-RING PACKING SET	EPDM, BUNA-N
3	BFV BODY	DUCTILE IRON ASTM A-536
4	UPPER JOURNAL BEARING	NYLATRON
5	VANE SEAT RING	EPT with SS INSERT
6	HEX HEAD CAPSCREW	18-8 STAINLESS STEEL with NYLOC PATCH
7	LOWER JOURNAL BEARING	NYLATRON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

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

DRAWN: ZF 1/6/17 DATE: B06XBB11 6" AWWA C504 - Style 4500 - CL150 BFV with F/A 12 MSS/ISO Connection Sub-Assembly - Material List FMJ ENDS



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

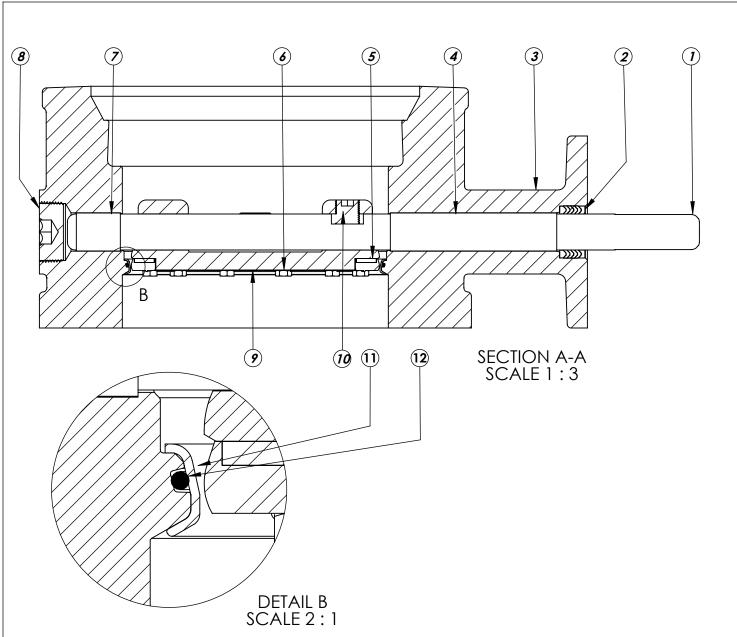


CLOW VALVE COMPANY

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

DRAWN: CTJ **DATE:** 11/26/2018 B08XAM11

8" - Style 4500 - CL150 BFV with F/A 12 MSS/ISO Connection-FMJ 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

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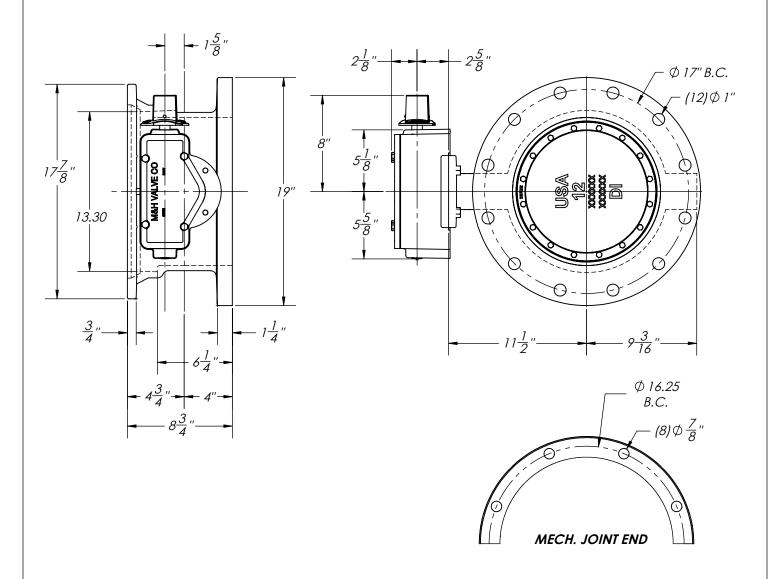
CLCW VALVE CO. CLOW VALVE COMPANY

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

DATE: 1/9/17

DWG.
NO. BO8XBB11

8" AWWA C504 - Style 4500 - CL150 BFV with F/A 12 MSS/ISO Connection Sub-Assembly - Material List FMJ 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. OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
- 6. RATED AND TESTED FOR 150psi WORKING PRESSURE
- 7. 7/8" DIA. BOLTS FOR FLANGED SIDE, 3/4" DIA. BOLTS FOR MJ SIDE
- 8. GASKET, GLANDS, AND BOLTS FOR MECHANICAL JOINT FURNISHED WITH VALVE WHEN SPECIFIED ON ORDER

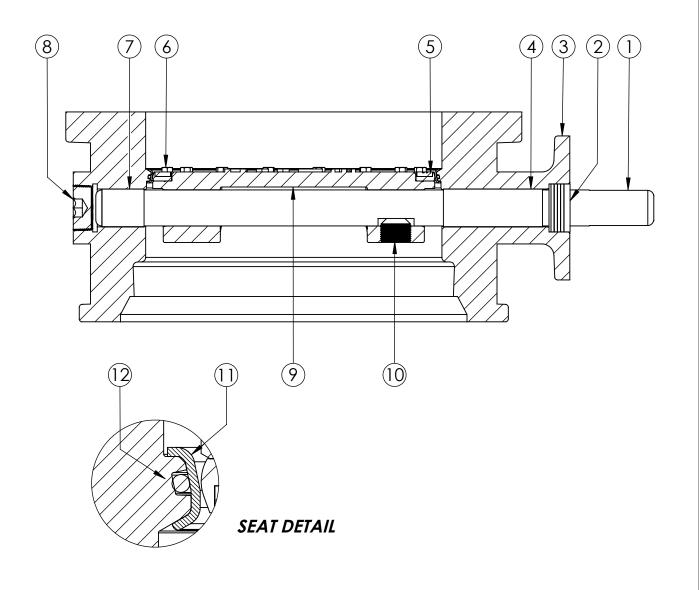
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CLOW VALVE COMPANY

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

B12XAM11

12" - Style 4500 - CL150
BFV with F/A 12 MSS/ISO ConnectionFLANGED x MECH. JOINT - 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

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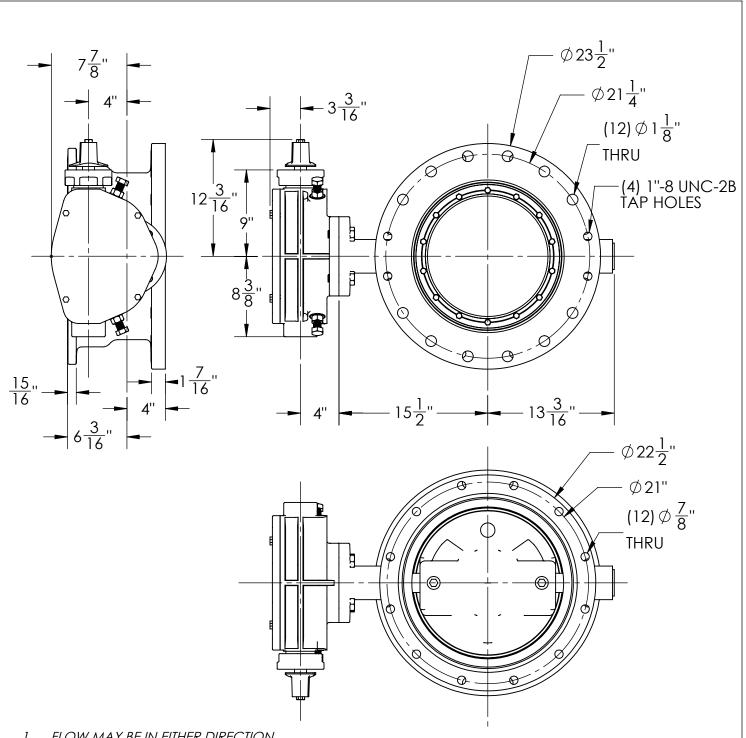
CLCW VALVE CO.

CLOW VALVE COMPANY

A DIVISION OF MCWANE INC. 902 SOUTH 2ND ST OSKALOOSA, IOWA 52577 DRAWN: CTJ
DATE: 8/10/2018

DWG.
NO. B12XBB11

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



- FLOW MAY BE IN EITHER DIRECTION
- VALVE SHAFT WILL MEET OR EXCEED AWWA C504 STANDARDS
- 48 TURNS TO CLOSE
- 16 BOLTS ON FLANGE SIDE, 12 ON MJ SIDE
- 1" DIA. BOLTS FOR FLANGED SIDE, 3/4" DIA. BOLTS FOR MJ SIDE
- OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
- 7. RATED AND TESTED FOR 150psi WORKING PRESSURE
- GASKETS, GLANDS, AND BOLTS FOR MECHANICAL JOINT FURNISHED WITH VALVE WHEN SPECIFIED ON ORDER
- WEIGHT OF VALVE IS 450 LBS.

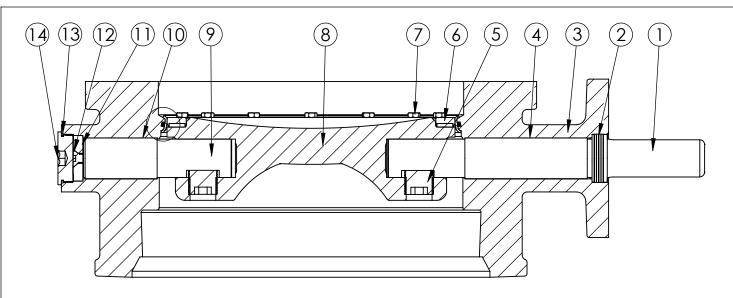


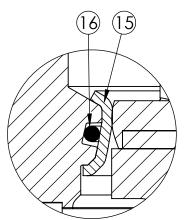
CLOW VALVE COMPANY

A DIVISION OF MCWANFING 902 SOUTH 2ND ST

CTJ DRAWN: DATE: 11/26/2018 NO. B16XAM11

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





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	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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CLCW VALVE CO.

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

DRAWN: ZF 8/31/2018 DATE: DWG. NO. B16XBB11

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