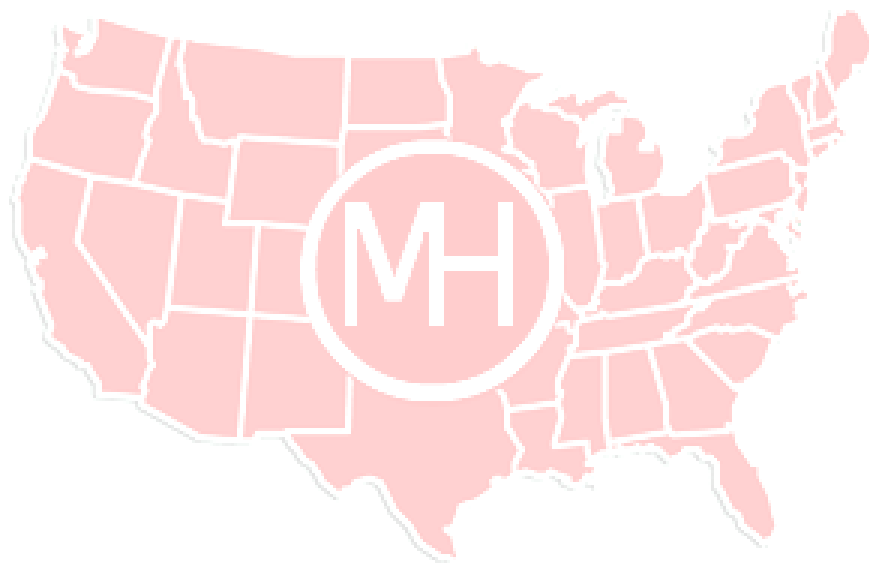


# M&H Valve Cushion Check Valves

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***\*\*\*Please check our website [www.mh-valve](http://www.mh-valve) for any product updates and/or changes\*\*\****

SPECIFICATIONS STYLE NUMBERS (3"-30")

**M&H AWWA C508 FLANGED "CUSHION" CHECK VALVES**

- ◆ Style 206
- ◆ Sizes 3" Through 30"
- ◆ Water / Sewage Service

Size Range	Water Working Pressure psi	Seat Test Psi	Hydrostatic Shell Test psi
AWWA 3" – 12"	200	400	400
AWWA 14"-30"	150	300	300

<u>Type / Facing Material / Options</u>	<u>Size Range</u>	<u>Style Number</u>
<b>3"- 30" CUSHION CHECK VALVES</b>		
Horizontal Flow—Bronze Faced	3"	206H
Horizontal Flow—Rubber Faced	4"-12"	206HA
Horizontal Flow—Bronze Faced	4"-12"	206H
Horizontal Flow—Rubber Faced	14"-30"	206HA
Horizontal Flow—Rubber Faced—With Limit Switch	4"-12"	206HALS
Horizontal Flow—Bronze Faced—With Limit Switch	4"-12"	206HLS
Vertical Flow—Rubber Faced	4"-12"	206VA
Vertical Flow—Bronze Faced	4"-12"	206V
Vertical Flow—Rubber Faced	14"-30"	206VA

**\*Note Vertical Flow Cushion Check Valves are not recommended for sewer applications**

**\*\*Consult factory for proper drawing for particular application**

**\*\*\*Cushion Checks have lever and weight and a pneumatic cylinder arrangement**

## GENERAL

# M&H AWWA C508 FLANGED “CUSHION” CHECK VALVES

- ◆ Style 206
- ◆ Sizes 3” Through 30”
- ◆ Water / Sewage Service

If possible, it is preferable to eliminate water hammer. The best way to eliminate water hammer is in the design of the piping system. For most cases where water hammer exists it is preferable to reduce its effects by causing the check valve to close so quickly that the flow is not able to reverse. M&H valve makes a Style 706 Wafer Check Valve that is intended as an Anti-water hammer valve. M&H Valve also has available lever and weight and lever and spring arrangements on the 259-02 and 259-02 check valve.

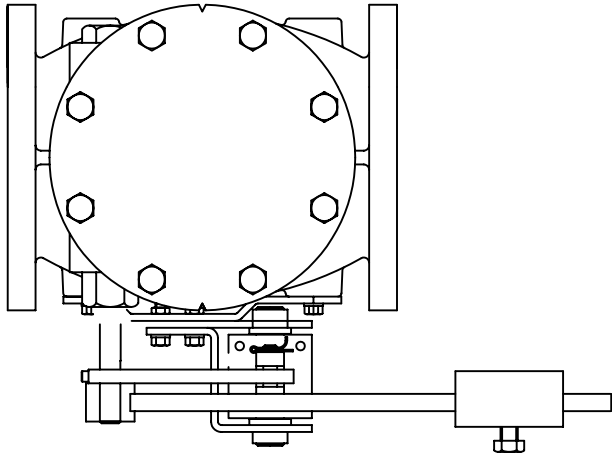
In some cases the customer may want an arrangement that retards the closing of the check valve. The customer may want such an arrangement for those cases where the water column actually has an opportunity to reverse or even separate, such as might occur when the check valve is not at the lowest elevation in the system.

For those customers, M&H valve makes available the Style 206 Cushion Check Valve. The Style 206 Cushion Check Valve is a Style 159-02 (lever & weight) with a pneumatic cylinder arrangement. The pneumatic cylinder has a needle valve that allows the customer to adjust the time required for the valve to close.

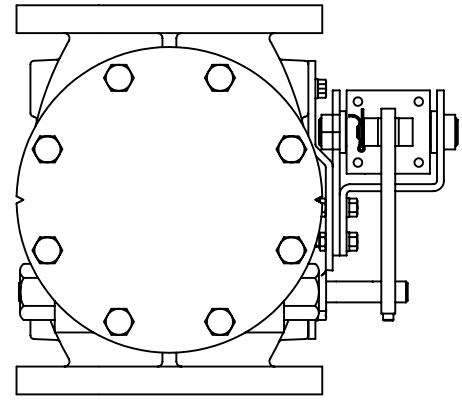
The Style 206 Check Valve may be ordered from the factory either as flow horizontal for flow vertical. The cylinder arrangement is available mounted on either side. Unless specified the Style 206 valve will be supplied with the cylinder on the right side (when facing the inlet) and for horizontal flow.

The Style 206 has internal components identical to the style 159-02 except that the hinge pin is made from heat-treated, type 431 stainless steel and is unique to the Style 206.

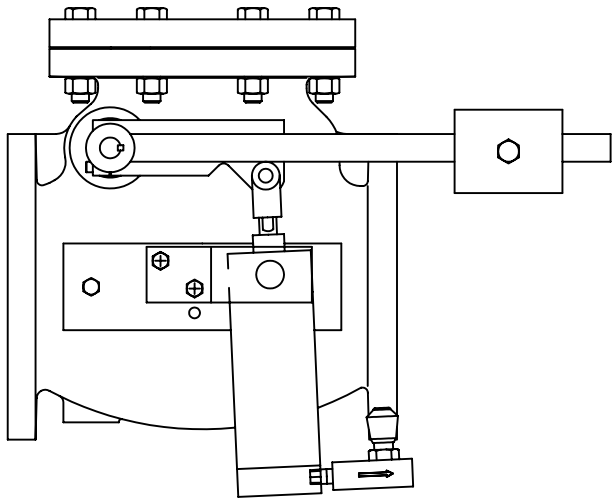
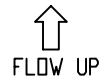
M&H Swing Check valves are widely specified by engineers and operating personnel. They are well proportioned and sturdily constructed.



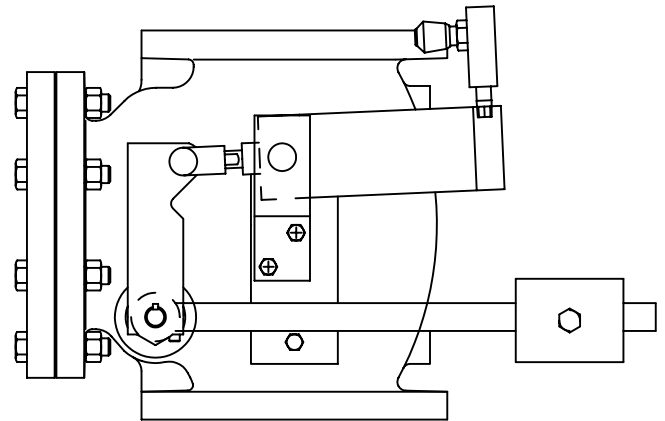
HORIZONTAL MOUNTING



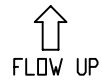
VERTICAL MOUNTING



HORIZONTAL MOUNTING



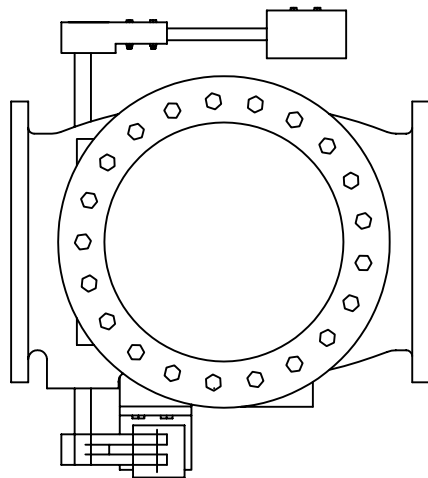
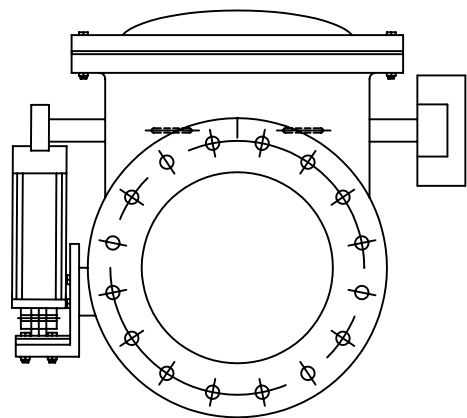
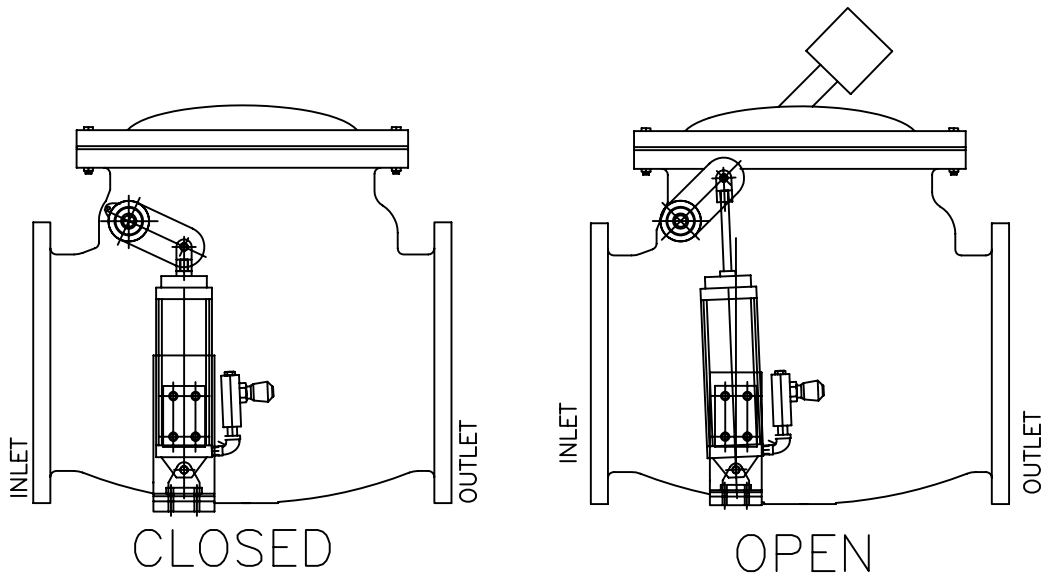
VERTICAL MOUNTING



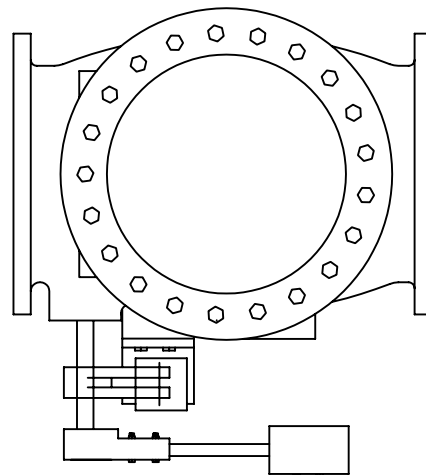
M&H VALVE COMPANY  
ANNISTON, ALABAMA  
A DIVISION OF MCWANE INC.

DWN: TRIJ  
DATE: 7/1/05  
DWG. NO.  
CCV-3

3" THRU 12"  
CUSHION CHECK VALVE  
STYLE 206



OPTION 1



OPTION 2

NOTE: CONSULT FACTORY FOR MATERIAL AND DRAWING DETAIL

M&H VALVE COMPANY  
ANNISTON, ALABAMA  
A DIVISION OF MCWANE INC.

DWN: TRIJ  
DATE: 7/1/05  
DWG. NO.  
CCV-4

14" THRU 30"  
CUSHION CHECK VALVE  
STYLE 206