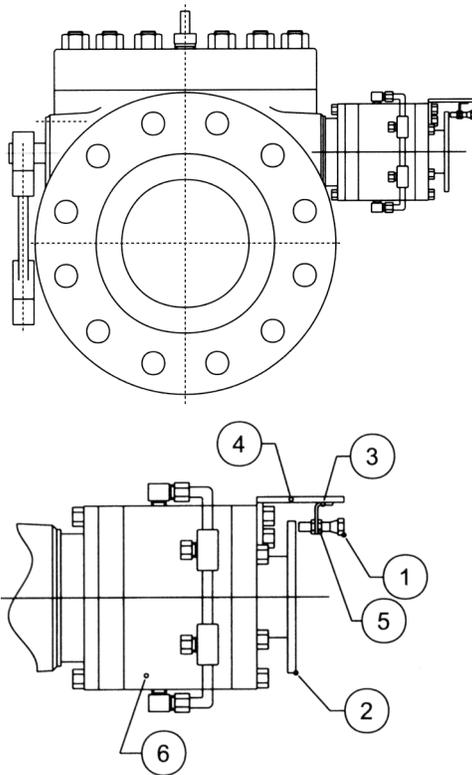




The switch utilizes both reaction forces of magnetic power attraction and repulsion in its operating principles. It provides an input signal to a process control of either open or closed indication. The sensing range between the switch and the ferrous actuator is .090" (2.25 mm) to .110" (2.76 mm).

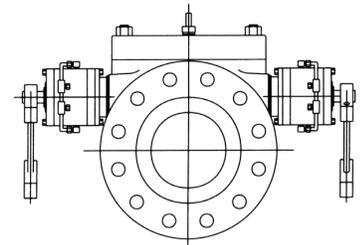
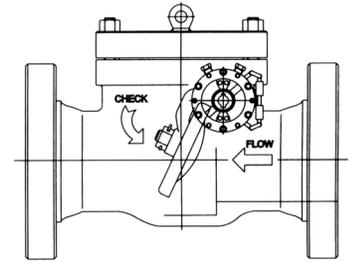
The switch has been designed and built to rugged specifications for use in most industrial and environmental applications. Each switch is totally enclosed, hermetically sealed, and capable of operating in hazardous locations.



- 1 Proximity switch
- 2 Adapter
- 3 L-bracket
- 4 Mounting plate
- 5 Lock nut
- 6 Rovane slam retarder

5RDH6ODP5HWDUGHUV

The Stream-Flo rovane slam retarder provides a dependable and efficient torque for controlling clapper slam and flutter. Long trouble-free service is assured through the simple and rugged construction and the basic engineering premise of these rovane slam retarders. The rovane slam retarder can be equipped with a limit switch to indicate the clapper open position at any angle.

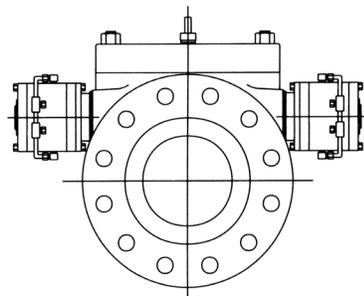
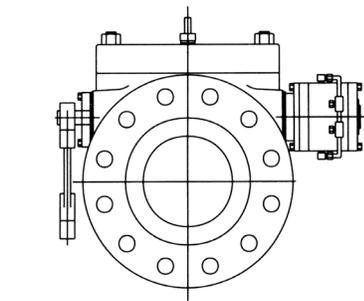


For valves size 24" and smaller, the check valve is also equipped with external counterbalance.

UPVDG1HLJKWV

The arms and weights are preset at the factory for maximum effect in closing the clapper. If there is a considerable pulsation present, it will be necessary to reposition the weights or the arms.

Loosen the set screws in the weight and slide along the arm until there is minimum of flutter visible on the arm. It is suggested that the weight be moved a short distance each time and then the valve shut down to ensure that the clapper will close.



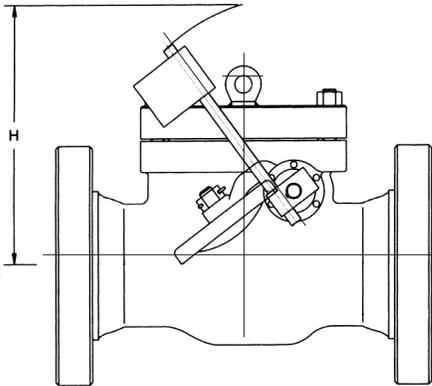
RWHUEDODEHUPVDG□□□□□□□□

Counterbalance arms and weights for use with Crown swing check valves.

Recommended for the following applications:

- assist in closing the clapper upon flow reversal
- provide a minimum amount of “back pressure”, normally 5 psi (0.5 bars) or less
- for check valves installed in vertical run-flow down
- counteract a portion of clapper weight - clapper “floats” on flow stream
- indicate clapper position
- weight is adjustable back and forth on arm to increase or decrease effective torque on the check valve clapper shaft

When ordering counterbalance arms and weights, please specify intended use as each application determines the location of the weight with respect to the clapper. Unless specified otherwise, the arm and weight will be positioned to assist the clapper in closing.



RULRWDO□□□□□□□□□□□□□□

Standard construction has the counterbalance arms and weights positioned “downstream” to hold the valve clapper closed. The counterbalance assembly may be repositioned “upstream” to partly offset the weight of the valve clapper for special applications.

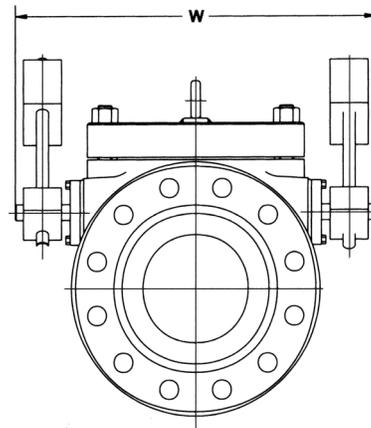
9HUWLFDO□□□□□□□□□□□□□□

Downward Flow

Counterbalance assembly is essential to bring valve clapper closed upon flow reversal.

Upward Flow

Standard construction has the counterbalance arms and weights positioned to hold the valve clapper closed. The counterbalance assembly may be repositioned to partly offset the weight of the valve clapper for special applications.



9DOH6LH□ □LPP□	□PHVLR□□ □LPP□	□PHVLR□ □LPP□
2 (60.3)	11 ¹ / ₄ (285.8)	12 ⁹ / ₁₆ (319.1)
3 (88.9)	13 ¹ / ₈ (333.4)	9 ¹¹ / ₃₂ (237.3)
4 (114.3)	14 ⁵ / ₈ (371.5)	10 ³ / ₄ (273.1)
6 (168.3)	19 ⁹ / ₁₆ (496.9)	13 ¹⁵ / ₁₆ (354.0)
8 (219.1)	23 ¹ / ₂ (596.9)	17 ¹³ / ₁₆ (452.4)
10 (273.1)	25 ³ / ₄ (654.1)	22 ⁷ / ₈ (581.0)
12 (323.9)	29 ¹ / ₂ (749.3)	25 ⁵ / ₁₆ (642.9)
14 (355.6)	35 (889.0)	27 ¹¹ / ₁₆ (703.2)
16 (406.4)	36 ⁵ / ₈ (930.3)	24 ⁹ / ₁₆ (623.9)
20 (508.0)	39 ⁵ / ₈ (1006.5)	35 ¹ / ₈ (892.2)



4505 - 74 Avenue
Edmonton Alberta Canada T6B 2H5
Tel 780.468.6789
Fax 780.469.7724

6WUHDPRDR86E
9DOHWLHV8LW
8726 Fallbrook Drive
Houston Texas 77064
Tel 832.912.1022
Fax 281.653.1188

DDGLD6DOHV
400 Bow Valley Square One
202 - 6 Avenue SW
Calgary Alberta Canada T2P 2R9
Tel 403.269.5531
Fax 403.266.3307

DDGLD6DOHV6HULFH
LWUWLEWLR8WUHV

Brooks AB	403.362.7600
Edson AB	780.712.5505
Estevan SK	306.634.4719
Fort McMurray AB	780.743.0744
Fort Nelson BC	250.775.6789
Fort St. John BC	250.785.9500
Grande Prairie AB	780.532.1433
Rainbow Lake AB	780.956.3655
Red Deer AB	403.346.2550
Slave Lake AB	780.849.6100

WHUDWLRDO6DOHV

Kilgore Texas USA	903.983.2992
Granbury Texas USA	817.326.5341
Beeville Texas USA	361.362.2600
Longview Texas USA	903.753.6785
Midland Texas USA	432.685.9908
Indiana Pennsylvania USA	724.349.6090
Williamsport Pennsylvania USA	724.762.6110
Edmond Oklahoma USA	405.330.5504
Jakarta Indonesia	62.21.7918.1234
Abu Dhabi UAE	971.2.679.7779
Dubai UAE	971.4.870.4102
Hassi Messaoud Algeria	213.2.973.8910

WUHDPRERP
LIRWUHDPRERP