

SPECIFICATIONS

FIGURE 681

CHECK VALVES



CAST IRON WAFER STYLE SILENT CHECK

The FNW Figure 681 silent check prevents flow reversal in pipelines, allowing flow in only the indicated direction. The spring-backed disc closes the valve when flow ceases prior to pressure reversal, therefore reducing slam or water hammer.

FEATURES

- 200 PSI non-shock
- Temperature range -4°F–176°F (-20°C–80°C)
- Wafer style
- Non-slam (spring actuated) check for water or clean fluids
- Cast iron body, aluminum bronze & stainless steel internal components
- Vertical or horizontal installation*
- Replaceable drip tight resilient seat
- Renewable disc
- Epoxy coated body
- Cracking pressure: 1 psi

* Use flat-faced metal flanges and full-face gaskets only.

NOT FOR STEAM SERVICE



PRODUCT SPECIFICATIONS

Standards

- Face-to-face: MSS SP-125
- Inspection & test: API 598
- Flange drilling: ANSI B16.1 class 125
- Flange face finish: MSS SP-6
- Markings: MSS SP-25

FIGURE NUMBER MATRIX

FNW 681	
SIZE CODE (IN.)	
2 = K	5 = S
2-1/2 = L	6 = U
3 = M	8 = X
4 = P	10 = 10

CV & WEIGHTS

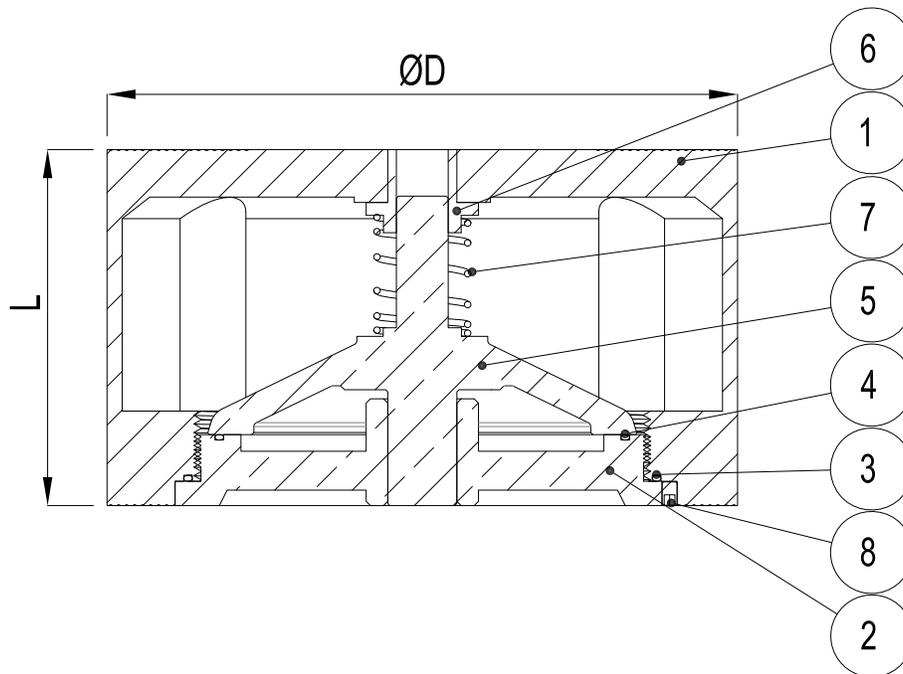
Size (in.)	CV	Wt. (lbs)
2	40	4.6
2-1/2	60	6.2
3	85	8.8
4	150	15.4
5	230	24.3
6	340	33.1
8	600	50.7
10	900	88.2

FIGURE 681

CHECK VALVES

CAST IRON WAFER STYLE SILENT CHECK

PARTS DIAGRAM



REFERENCE CHART

Size (in.)	Dimensions (in.)	
	ØD	L
2	4.25	2.63
2-1/2	5.00	2.87
3	5.75	3.13
4	7.00	4.02
5	8.38	4.76
6	9.75	5.51
8	11.88	6.50
10	14.06	8.27

PART MATERIALS

Ref #	Description	Material
1	Body	Cast Iron ASTM A126 Class B
2	Seat Ring	Aluminum Bronze C95500
3	Seat Ring Seal	EPDM
4	Seat	EPDM
5	Disc	Aluminum Bronze C95500
6	Bushing	Aluminum Bronze C95500
7	Spring	Stainless Steel AISI 304
8	Set Screw	Stainless Steel AISI 304