

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 to 176°F (-20°C to 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

* Use Flat-Faced Metal Flanges and Full-Face gaskets only.

Not for Steam Service

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



Cv & Weights

Size	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

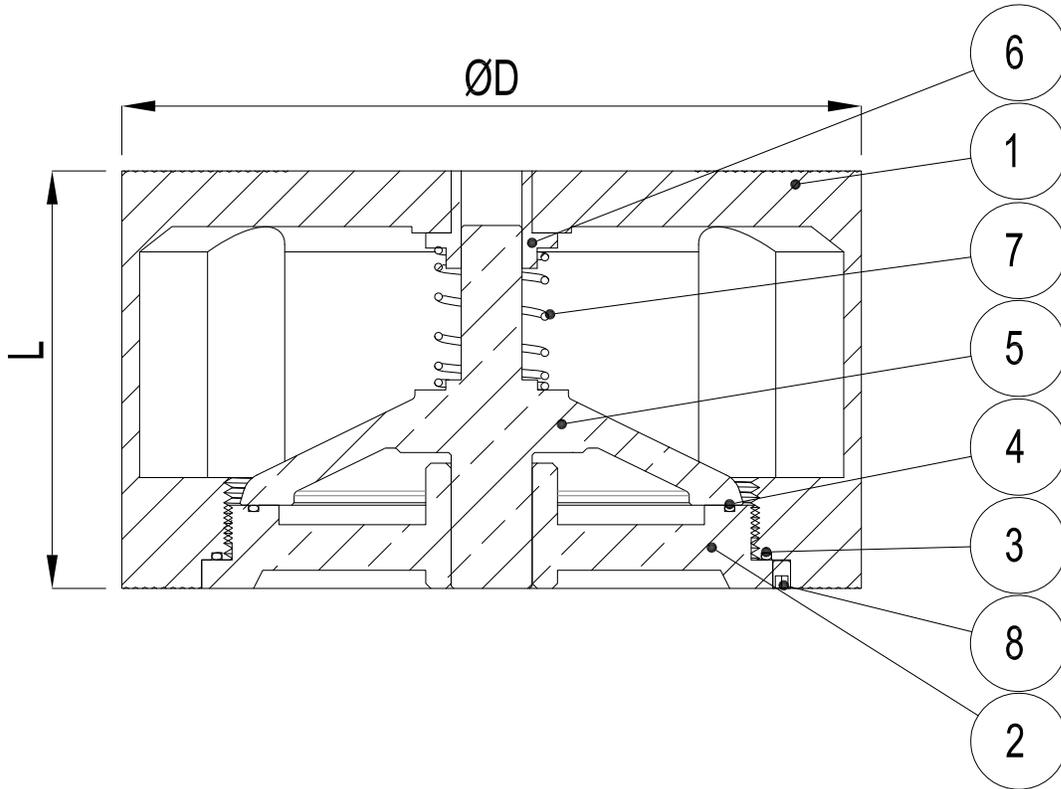
Cracking Pressure

Fig.	PSI
681	1

Figure Number Matrix

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

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Dimensions (Inches)

Size	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

Standard Materials

Ref. No.	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

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