

# Ductile Iron Check Valve

# Model 80DI-VFD

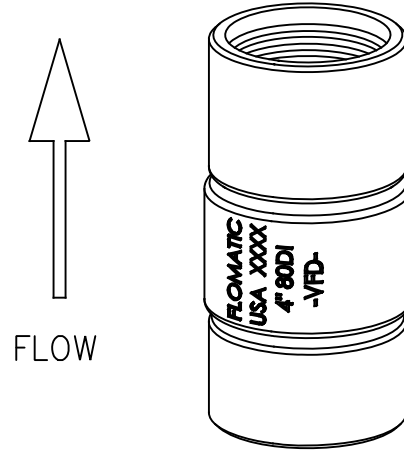
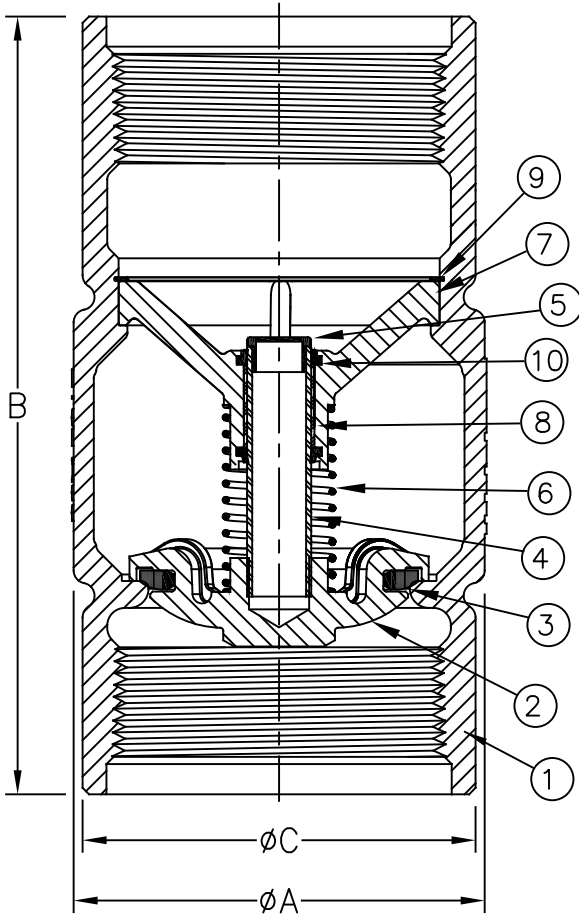


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Sizes 3" thru 8" / 75mm thru 200mm



## Materials



Max Temp 180°F (82°C)  
Max Pressure 600psi (42bar)

Item #	Qty	Description	Material	ASTM
1	1	Body (Epoxy Coated)	Ductile Iron	65-45-12
2	1	Poppet (Epoxy Coated)	Ductile Iron	65-45-12
3	1	Seat Disc	Buna-N	N-5007*
4	1	Stem	Stainless Steel	316
5	1	Stem Cap	Engineered Composite	Polyethelyne
6	1	Spring	Stainless Steel	302
7	1	Stem Guide (Epoxy Coated)	Ductile Iron	65-45-12
8	1	Bushing	Engineered Composite	-----
9	1	Retaining Ring	Stainless Steel	302
10	2	Wiper	Engineered Composite	Molythane

## Dimensions (FNPT x FNPT) ANSI B1.20.1

\*8" uses N-6010

Optional Female 8 Round Threads  
API Specification 5B Table 3  
Line Pipe Threads they are not API certified

Size		Part #	A		B		C		Weight	
inch	mm		inch	mm	inch	mm	inch	mm	lbs	kg
3	75	7938VFD	4-3/8	111	8-37/64	218	4-13/64	107	12	5.5
4	100	7939VFD	5-3/4	146	11-1/4	286	5-1/2	140	27	12
5	125	4088VFD	6-29/32	175	13-5/8	346	6-19/32	167	40	18
6	150	4089VFD	8	203	15-9/64	385	7-21/32	194	63	29
8	200	4090VFD	9-11/16	246	15-27/32	402	9-11/16	246	87	40

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