

Ductile Iron Check Valve

Model 80DI-VFD

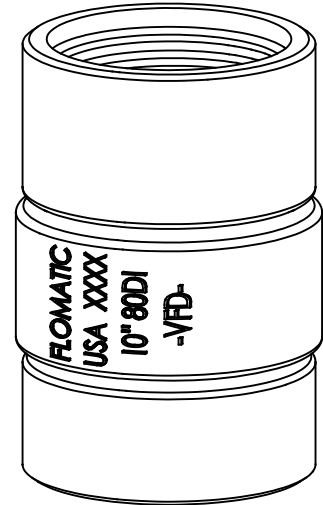
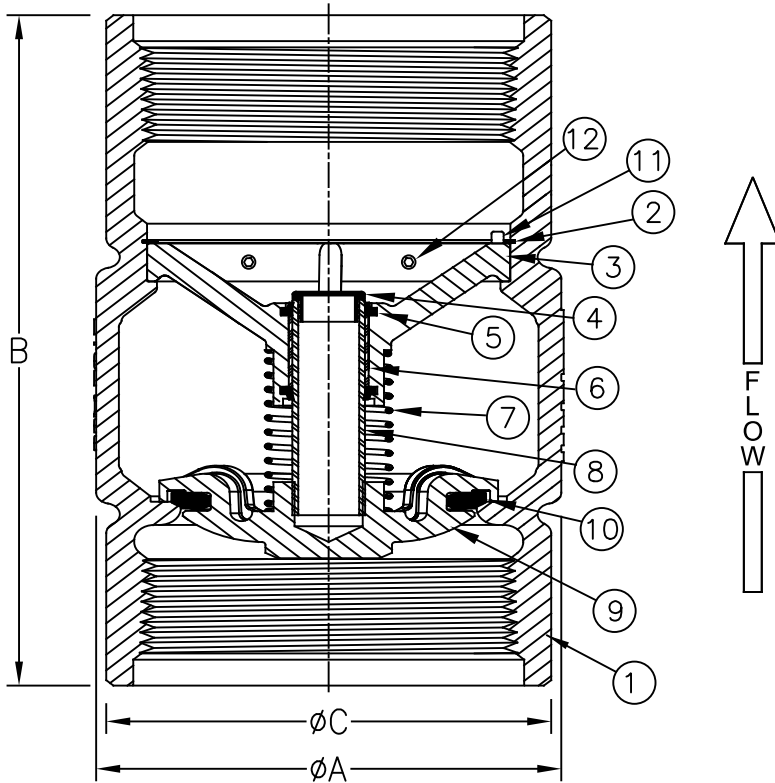


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Sizes 6" thru 10" / 150 mm Thru 250 mm



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	Retaining Ring	Stainless Steel	302
3	1	Stem Guide	Ductile Iron	65-45-12
4	1	Stem Cap (Epoxy Coated)	Engineered Composite	Polyethylene
5	2	Wiper	Engineered Composite	Molythane
6	1	Bushing	Engineered Composite	-----
7	1	Spring	Stainless Steel	302
8	1	Stem	Stainless Steel	316
9	1	Disc	Buna-N	N-5007*
10	1	Poppet (Epoxy Coated)	Ductile Iron	65-45-12
11	1	SHCS	Stainless Steel	316
12	4	SHSS	Stainless Steel	316

*6" uses N-6010, 8" uses N-7039
Patent # 9,032,992

Dimensions (FNPT x FNPT)

ANSI B1.20.1

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

Size		Part #	ØA		B		ØC		Weight	
inch	mm		inch	mm	inch	mm	inch	mm	lbs	kg
6	150	4089VFD	8	203	15-6/64	385	7-21/32	194	58	26
8	200	4090VFD	9-11/16	246	15-27/32	402	9-11/16	246	84	38
10	250	4091VFD	12-1/8	308	17-1/2	435	17-1/2	435	142	65

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