



VCSIL-DW1BBT Silent Check Valve

Wafer Style, Class 300, Ductile Iron Body, Aluminum Bronze Disc, Aluminum Bronze Seat

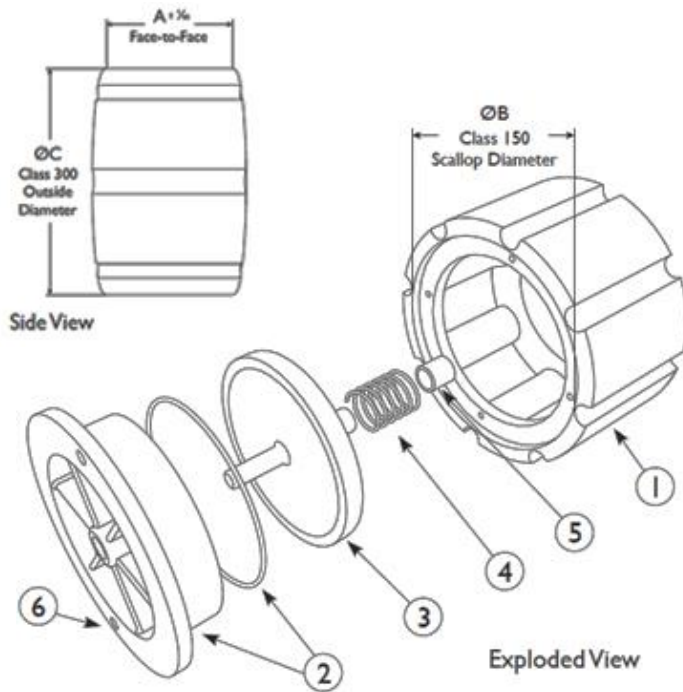


Illustration is representative of sizes 2" - 6".



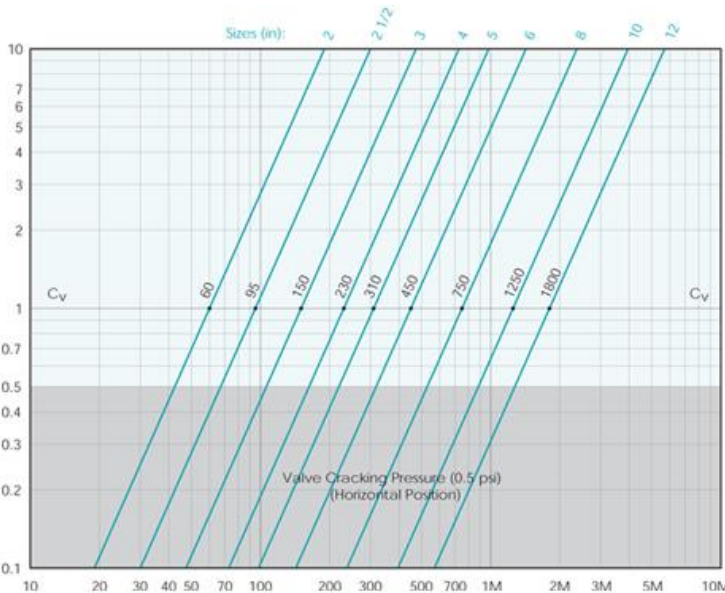
DESIGN WITH INTEGRAL
**STRAIGHTENING
VANES**



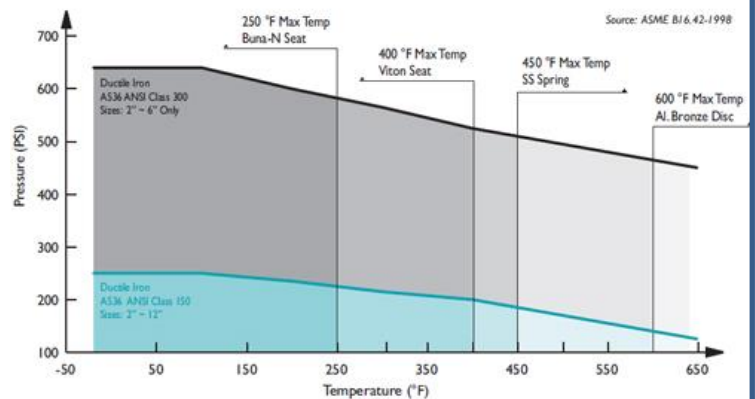
BILL OF MATERIALS		
NO.	PART	MATERIAL
1	Body	Ductile Iron ASTM A536
2	Seat	Aluminum Bronze with Buna-N O-ring
3	Disc	ASTM B148 Aluminum Bronze
4	Spring	Series 300 Stainless Steel
5	Bushing	Bronze ASTM B584 Aluminum Bronze
6	Screws	ASTM A276 Type 304 Stainless Steel

Sizes 2" through 6" utilize scallop design that permits dual pressure service (150/300 lb). These sizes fit properly between any Cast Iron ANSI Class 125/250 or Ductile Iron ANSI Class 150/300 flanges. Sizes 8" through 12" are only rated for ANSI Class 150 Service.

DIMENSIONS & PERFORMANCE DATA										
SIZE	2	2.5	3	4	5	6	8	10	12	
A (in)	2.62	2.87	3.12	4.0	4.62	5.62	6.50	8.25	11.25	
B (in)	4.0	4.75	5.25	6.75	7.62	8.62	n/a	n/a	n/a	
C (in)	4.25	5.0	5.75	7.0	8.37	9.75	n/a	n/a	n/a	
WT (lbs)	4.5	7.0	9.5	17.5	25.5	38.0	88.0	162.0	300.5	
Cv	60	95	150	230	310	450	750	1250	1800	



PRESS/TEMP RATINGS	
WOG	640PSI @ 100°F
Buna-N	-20 to 250°F
Spring	450°F





VCSIL-DW1SVT Silent Check Valve

Wafer Style, Class 300, Ductile Iron Body, ASTM Disc, SS Seat

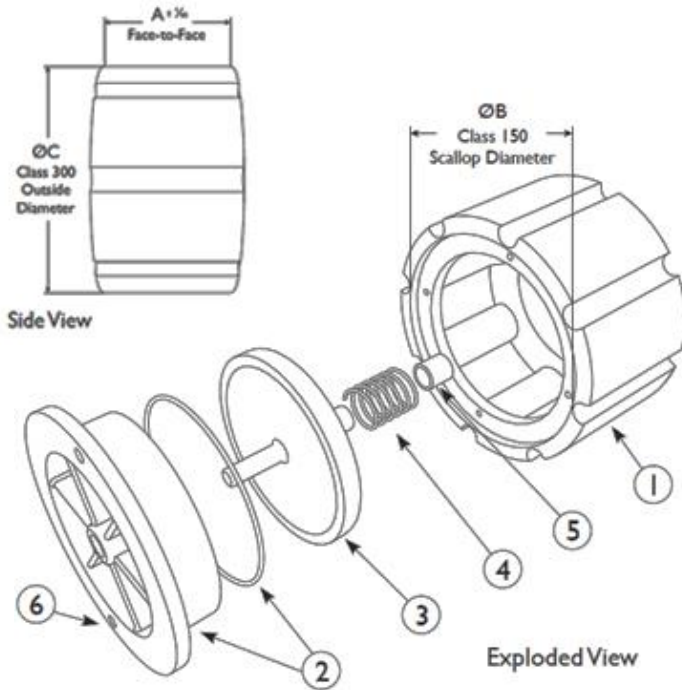


Illustration is representative of sizes 2" - 6".



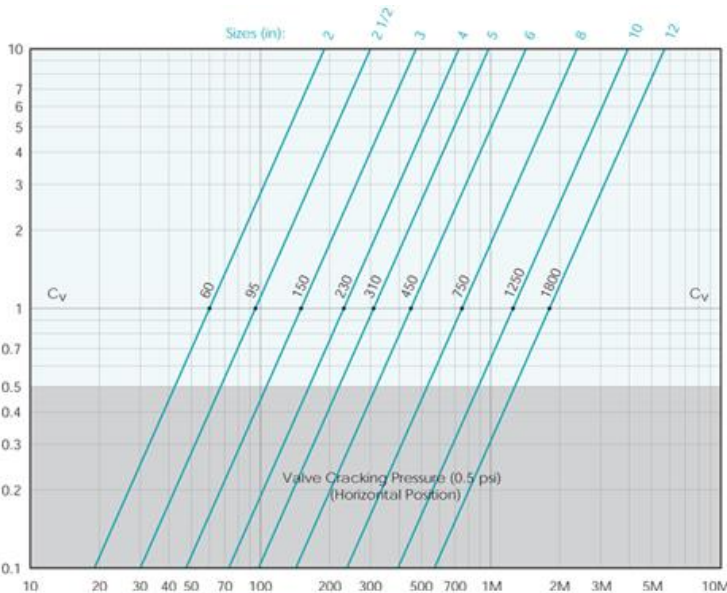
DESIGN WITH INTEGRAL
**STRAIGHTENING
VANES**



BILL OF MATERIALS		
NO.	PART	MATERIAL
1	Body	Ductile Iron ASTM A536
2	Seat	Stainless Steel with Viton O-ring
3	Disc	ASTM A351 Gr. CF8M Type 316
4	Spring	Series 300 Stainless Steel
5	Bushing	ASTM A351 Gr. CF8M Type 316
6	Screws	ASTM A276 Type 304 Stainless Steel

Sizes 2" through 6" utilize scallop design that permits dual pressure service (150/300 lb). These sizes fit properly between any Cast Iron ANSI Class 125/250 or Ductile Iron ANSI Class 150/300 flanges. Sizes 8" through 12" are only rated for ANSI Class 150 Service.

DIMENSIONS & PERFORMANCE DATA									
SIZE	2	2.5	3	4	5	6	8	10	12
A (in)	2.62	2.87	3.12	4.0	4.62	5.62	6.50	8.25	11.25
B (in)	4.0	4.75	5.25	6.75	7.62	8.62	n/a	n/a	n/a
C (in)	4.25	5.0	5.75	7.0	8.37	9.75	n/a	n/a	n/a
WT (lbs)	4.5	7.0	9.5	17.5	25.5	38.0	88.0	162.0	300.5
Cv	60	95	150	230	310	450	750	1250	1800



PRESS/TEMP RATINGS	
WOG	640PSI @ 100°F
Viton	-40 to 400°F
Spring	450°F

