



SMALL CARBON STEEL FLANGED CHECK VALVE Product Data Sheet



Dimensional Data

Valve Size	ANSI Class	Working Pressure (PSI @ 100° F)	End to End Length (RF) (in)	End to End Length (RTJ) (in)*	Weight (lbs)	Order Number
2"	150	275	8.00	— 11.13	33	2FBS275
	300	720	10.50	11.63	50	2FBS720
	600	1440	11.50	14.63	55	2FBS1440
	900	2160	14.50	14.63	79	2FBS2160
	1500	3600	14.50	14.63	105	2FBS3600
3"	150	275	9.50	— 13.13	45	3FBS275
	300	720	12.50	14.13	96	3FBS720
	600	1440	14.00	15.13	101	3FBS1440
	900	2160	15.00	18.63	119	3FBS2160
	1500	3600	18.50	18.63	149	3FBS3600
4"	150	275	11.50	— 14.63	70	4FBS275
	300	720	14.00	17.13	138	4FBS720
	600	1440	17.00	18.13	170	4FBS1440
	900	2160	18.00	21.63	200	4FBS2160
	1500	3600	21.50	21.63	225	4FBS3600

Bill of Materials

Part	Material
Body	A216 WCB Carbon Steel
Bonnet	A216 WCB Carbon Steel
Clapper	CF8M Stainless Steel
Studs	A193 Grade B7 Steel
Nuts	A194 Grade 2H Steel
Seals	Viton

Additional Information

Maximum Operating Temperature
 Buna-N Seal 250° F
 Viton Seal 450° F
 Teflon 500° F

* For RTJ replace FBS with JBS in Order Number when ordering

Valves comply with API-6D, NACE MR-01-75, and ASME B16.34