



# LARGE 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
6"	150	275	14.00	—	155	6FBS275
	300	720	17.50	18.13	185	6FBS720
	600	1440	22.00	22.13	335	6FBS1440
8"	150	275	19.50	—	280	8FBS275
	300	720	21.00	21.63	360	8FBS720
	600	1440	26.00	26.13	525	8FBS1440
10"	150	275	24.50	—	390	10FBS275
	300	720	24.50	25.13	460	10FBS720
	600	1440	31.00	31.13	925	10FBS1440
12"	150	275	27.50	—	650	12FBS275
	300	720	28.00	28.63	900	12FBS720
	600	1440	33.00	33.13	1360	12FBS1440

### 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