

## Grinnell Resilient Seated Butterfly Valves

**Maximum** Recommended Flange Bolt Torques **(ft lbs)**

Valve Size	Bolt Size	Wafer Body (Cross Bolts)	Lug Body (Cap Screws)
2" - 4"	5/8" - 11 NC	40	20
5" - 8"	3/4" - 10 NC	80	45
10" - 12"	7/8" - 9 NC	130	90
14" - 16"	1" - 8 NC	260	200
18" - 20"	1-1/8" - 7 NC	400	270
24" - 30"	1-1/4" - 7 NC	550	300
36" - 48"	1-1/2" - 6 NC	800	400