

Class III

Torques (Inch-Pounds)

Shutoff Pressure	14"	16"	18"	20"	24"
50 PSI Shutoff	4875	6476	7530	9540	17640
75 PSI Shutoff	6119	8127	9961	12333	23718
100 PSI Shutoff	6440	8555	10486	12982	24966
125 PSI Shutoff	6780	9005	11037	13665	26281
150 PSI Shutoff	6918	9189	11263	13944	26817
175 PSI Shutoff	7774	10325	12655	15669	30132
200 PSI Shutoff	8638	11472	14062	17410	33480
250 PSI Shutoff	11657	15501	19530	23548	44640
285 PSI Shutoff	14675	19530	23994	29686	55800

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- Valve to be operated infrequently.
- Temperature is at extreme limits.
- Non Lubricating live media, (hot air, dry bulk).
- Chemical attacks on seat to be severe.
- Media deposits and corrosion on disc edge moderate to severe.

Notes:

1. This chart is to be used as a guideline only.
2. These torque ratings do not apply to every possible service criteria, which may effect seating and unseating torque.
3. Torque values are applicable to Flow Line series 70/71
4. Do not apply a safety factor to the above torque values when sizing actuators.
5. Dynamic torque should always be a consideration when sizing valves with higher differential pressures.
6. For 3 way tee assemblies multiply the above torque's by 1.5
7. See data sheet FL2034 for Viton Seated Valves.