

Butterfly Valve Torque Selection Guide

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Class III

Torques (Inch-Pounds)

Shutoff Pressure	14"	16"	18"	20"	24"
175 PSI Shutoff	7774	10325	12655	15669	30132

Class III

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.