

Class III

Torques (Inch-Pounds)

Shutoff Pressure	2"	2½"	3"	4"	5"	6"	8"	10"	12"
50 PSI Shutoff	83	106	188	282	438	563	938	1657	2813
75 PSI Shutoff	123	120	297	429	630	814	1313	2223	3736
100 PSI Shutoff	129	185	312	452	664	857	1382	2340	3934
125 PSI Shutoff	134	194	325	470	692	893	1439	2438	4099
150 PSI Shutoff	138	198	332	480	705	910	1469	2487	4182
175 PSI Shutoff	152	219	354	522	790	1018	1672	2900	4904
200 PSI Shutoff	165	240	375	563	875	1125	1875	3113	5625
250 PSI Shutoff	180	262	398	608	963	1204	2100	3424	6188
285 PSI Shutoff	198	288	421	657	1059	1324	2310	3767	6806

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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.