

Class II

Torques (Inch-Pounds)

Shutoff Pressure	2"	2½"	3"	4"	5"	6"	8"	10"	12"
50 PSI Shutoff	66	96	150	225	350	450	750	1325	2250
75 PSI Shutoff	98	141	237	261	504	651	1050	1778	2990
100 PSI Shutoff	103	148	249	343	531	685	1105	1872	3147
125 PSI Shutoff	107	155	260	376	553	714	1151	1950	3279
150 PSI Shutoff	110	158	265	384	564	728	1275	1989	3345
175 PSI Shutoff	121	175	283	417	632	814	1337	2320	3923
200 PSI Shutoff	132	192	300	450	700	900	1500	2650	4500
250 PSI Shutoff	145	211	318	486	770	990	1695	2995	5085
285 PSI Shutoff	160	232	337	528	847	1089	1915	3384	5746

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Valve to be operated a minimum of once a month.
 Temperature well within resilient seat limits.
 Line media is a self-lubricating. (Aqueous liquids)
 Minor chemical attacks on seat.
 Disc corrosion and media deposits to be mild.

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.