

Class II

Torques (Inch-Pounds)

Shutoff Pressure	14"	16"	18"	20"	24"
50 PSI Shutoff	4063	5397	6275	7950	14700
75 PSI Shutoff	5099	6772	8301	10277	19765
100 PSI Shutoff	5367	7129	8738	10819	20805
125 PSI Shutoff	5650	7504	9198	11388	21901
150 PSI Shutoff	5765	7658	9386	11620	22348
175 PSI Shutoff	6478	8604	10546	13057	25110
200 PSI Shutoff	7198	9560	11718	14508	27900
250 PSI Shutoff	9714	12918	16275	19623	37200
285PSI Shutoff	12230	16275	19995	24738	46500

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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.