



Series 70W

Torque (Inch-Pounds)

Shutoff Pressure	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
50psi	90	130	200	350	535	770	1350	2100	3000
100psi	94	138	212	382	597	876	1600	2580	3800
175psi	100	150	230	430	690	1035	1975	3300	5000

Note: For viton seated valves, add 30% to the above torques.

Series 70W

Cv Values

	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
30°	14	21	31	55	86	123	217	334	451
50°	45	63	98	173	268	384	679	1040	1500
90°	159	266	457	860	1320	2020	3540	5580	8080

Class II

- Valve to be operated a minimum of once a month.
- Temperature well within resilient seat limits.
- Line media is 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 70W.
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 torques by 1.5

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