

Valve Size	Valve Torque (in-lbs)			
	87 PSI	145 PSI	230 PSI	290 PSI
2	136	167	204	235
2.5	136	173	217	248
3	173	223	266	310
4	217	260	341	415
5	273	397	582	706
6	378	520	781	954
8	626	967	1,475	1,803
10	985	1,536	2,360	2,906
12	1,586	2,435	3,705	4,541
14	2,385	3,612	4,901	5,997
16	3,500	5,285	7,162	8,742
18	4,386	6,759	9,287	11,394
20	6,617	9,956	13,450	16,455
24	10,439	15,551	20,891	25,674
28	14,944	19,943	30,420	42,291
30	20,148	26,566	37,948	52,792
32	24,200	31,882	45,531	62,215
36	32,954	43,474	61,968	86,669

NOTE:

1. Torque are measured with water media.
2. Safety factor is not included in listed torque values.
3. Installing seat on upstream side will result in lower torque values and extended valve life.

DESCRIPTION: Torque Table - API 609 Class 150 High Performance Butterfly Valve (Soft Seat)	DATE: 07/01/2024	DRAWING: TS-TD0006-A
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