



1. Torque Ratings for Butterfly Valve With Undercut (Reduced) Disc & Elastomer Liners :-
(For 50 / 52 Series)

Sr. No.	Nominal Size		For Undercut (Reduced) Disc Valves, ΔP, Bar (PSI)	
			PN 3.5, (50)	
	DN	Inch	Nm	Lbf-Inch
01	50	2"	7	62
02	65	2 1/2"	12	106
03	80	3"	13	115
04	100	4"	15	133
05	125	5"	21	187
06	150	6"	30	267
07	200	8"	70	623
08	250	10"	87	771
09	300	12"	142	1259
10	350	14"	244	2159
11	400	16"	297	2627
12	450	18"	412	3649
13	500	20"	484	4285
14	600	24"	734	6500





**2. Torque Ratings for Butterfly Valve With Full Cut Disc & Elastomer Liners :-
 (For 50 / 52 Series)**

Sr. No.	Nominal Size		Full Cut Disc Valves, ΔP, Bar (PSI)							
			PN 3.5 (50)		PN 7 (100)		PN 10 (150)		PN 12 (175)	
	DN	Inch	Nm	Lbf-Inch	Nm	Lbf-Inch	Nm	Lbf-Inch	Nm	Lbf-Inch
01	50	2"	7	62	8	72	9	80	10	91
02	65	2 1/2"	12	106	14	124	16	142	17	150
03	80	3"	13	115	16	142	20	177	22	197
04	100	4"	27	241	29	256	31	271	32	279
05	125	5"	41	360	44	393	48	426	50	443
06	150	6"	55	484	62	545	66	582	70	620
07	200	8"	99	878	110	977	122	1083	128	1133
08	250	10"	159	1409	179	1586	198	1756	208	1841
09	300	12"	267	2366	302	2677	337	2987	355	3146
10	350	14"	346	3064	398	3527	450	3980	---	---
11	400	16"	416	3684	500	4428	585	5178	---	---
12	450	18"	655	5795	822	7273	989	8756	---	---
13	500	20"	762	6741	954	8441	1144	10126	---	---
14	600	24"	1085	9601	1410	12482	1760	15576	---	---





**3. Torque Ratings (Nm) for Butterfly Valve With # 150 Disc & Elastomer Liners :-
 (For 50 / 52 Series)**

Sr. No.	Nominal Size		# 150 Disc Valves, ΔP, Bar (PSI)			
			PN 16(235)		# 150(290)	
	DN	Inch	Nm	Lbf-Inch	Nm	Lbf-Inch
01	50	2"	17	150	20	177
02	65	2 1/2"	22	195	25	221
03	80	3"	32	283	40	354
04	100	4"	45	398	53	469
05	125	5"	65	575	72	637
06	150	6"	110	974	130	1151
07	200	8"	210	1859	245	2168
08	250	10"	319	2823	350	3098
09	300	12"	468	4142	528	4673

