



# Operation—Actuation

## Valve Torque Table (in lbs.)

Class 150#				
	Downstream		Upstream	
Size	Opening	Seating	Opening	Seating
3	797	708	443	1062
4	1062	974	620	1328
6	1328	1239	797	2301
8	3098	2301	929	3938
10	5310	4425	2655	7965
12	8496	7080	3540	10620
14	12390	10620	5310	14160
16	17700	15930	7523	23895
18	25665	16815	9293	32303
20	33497	21240	14160	39825
24	57835	28674	24426	62835

Class 300#				
	Downstream		Upstream	
Size	Opening	Seating	Opening	Seating
3	1328	1195	634	2213
4	1770	1505	929	2832
6	3452	3098	1770	5045
8	8496	6195	3496	11240
10	13275	9735	6284	15930
12	23453	14160	11682	25665
14	32922	16815	16284	33188
16	52392	33011	26019	59384
18	79650	40710	37170	83367
20	101244	50180	49206	102660
24	169035	75225	82659	160539

Class 600#				
	Downstream		Upstream	
Size	Opening	Seating	Opening	Seating
3	1947	1425	734	2991
4	3283	2876	1121	5416
6	7930	6452	2381	12001
8	16080	11638	10231	21868
10	29948	21213	13611	37551
12	41303	27842	19753	49392
14	64694	37170	31152	70712
16	90606	61906	43843	108669
18	145370	90005	76960	158415
20	181460	115006	104474	191992
24	321043	180646	199568	321043

**NOTE:** The torque data is based on the composite seat without any safety factor.

