

VALVE TORQUE TABLES

ANSI Class 300

All Torques are in Inch Lbs.

VALVE SIZE		SOFT SEATED VALVE						FIRE-SAFETY DESIGNED VALVE						METAL SEATED VALVE					
INCH	MM	$\Delta P = 142$	$\Delta P = 284$	$\Delta P = 355$	$\Delta P = 496$	$\Delta P = 596$	$\Delta P = 709$	$\Delta P = 142$	$\Delta P = 284$	$\Delta P = 355$	$\Delta P = 496$	$\Delta P = 596$	$\Delta P = 709$	$\Delta P = 142$	$\Delta P = 284$	$\Delta P = 355$	$\Delta P = 496$	$\Delta P = 596$	$\Delta P = 709$
2"	50	440	482	553	567	581	596	666	695	723	752	766	780	837	879	907	936	964	978
2.5"	65	454	496	567	596	610	624	695	723	752	780	794	822	865	907	936	978	992	1049
3"	80	482	539	610	652	664	695	723	766	808	837	851	936	907	964	1021	1049	1063	1177
4"	100	624	780	907	950	992	1092	1021	1106	1191	1276	1403	1488	1276	1389	1488	1602	1758	1857
5"	125	837	1106	1191	1290	1389	1545	1276	1403	1531	1656	1743	1871	1602	1758	1913	2027	2183	2339
6"	150	1092	1205	1545	1687	1786	1885	1446	1658	1871	1998	2126	2296	1814	2069	2339	2494	2664	2877
8"	200	1786	2183	2438	2636	2849	3075	2296	2806	3146	3401	3656	3826	2876	3515	3940	4251	4577	4790
10"	250	2820	4067	4365	4861	5158	5754	3571	4677	5442	5867	6207	6632	4464	5853	6802	7341	7766	8290
12"	300	4039	5952	6745	7539	8134	8729	4932	7227	10203	11053	12328	14454	6164	9041	12753	13816	15417	18067
14"	350	6490	9778	12753	15417	15942	17543	9679	14270	16579	18421	21185	23027	11166	16480	19130	21255	24444	26569
16"	400	9253	14355	17543	19130	21255	23381	12895	17968	23027	26711	30395	32237	14879	20731	26569	30820	35071	37197
18"	450	11691	18606	13381	25506	27632	29757	16579	24869	31316	36375	41448	45600	19130	28695	36134	41986	47824	52614
20"	500	17486	26498	31174	33442	36842	39676	20830	32733	41660	49595	56539	61498	25294	39747	50587	60223	68654	74676
22"	550	21681	32521	37409	43077	45344	48178	25790	39676	49595	61498	69433	79352	31316	48178	60223	74676	84312	96356
24"	600	26498	39747	45344	51012	56114	60081	31741	47612	59514	71417	80344	89271	38543	57814	72267	86721	97561	108401

REMARK: Safety Factor x 1.5 Included