

Valve Torques (N.m)

I. SERIES 740/741 ANSI CLASS 150 VALVES WITH FLEXIBLE PTFE SEAT

VALVE SIZE		ΔP , BAR		
Inch	mm	AP=6.9 Bar	AP=13.8 Bar	AP=19.7Bar
2-1/2	65	29	31	33
3	80	34	37	39
4	100	47	53	58
5	125	65	76	86
6	150	97	113	126
8	200	164	193	217
10	250	222	274	318
12	300	290	390	475
14	350	491	684	849
16	400	628	876	1087
18	450	816	1144	1423
20	500	1098	1546	1926
24	600	1673	2384	2983
28	700	2560	3468	4240
30	750	2942	3986	4873
32	800	3345	4532	5540
36	900	4786	6589	8121
42	1050	7837	10928	13558
48	1200	12433	17409	21638
54	1350	17558	21269	29977
60	1500	25790	35310	43397

SERIES 740/741 ANSI CLASS 150 Valves with METAL Seat & FIREPROOF SEAT

VALVE SIZE		ΔP , BAR		
Inch	mm	AP=6.9 Bar	AP=13.8 Bar	AP=19.7Bar
2-1/2	65	57	61	64
3	80	72	77	81
4	100	91	100	108
5	125	132	155	174
6	150	178	206	230
8	200	296	347	391
10	250	452	550	635
12	300	689	862	1010
14	350	819	1028	1205
16	400	963	1247	1489
18	450	1315	1857	2318
20	500	1885	2685	3364
24	600	2779	3661	2983
28	700	3444	4648	5670
30	750	3959	5342	6517
32	800	4501	6074	7410
36	900	4786	6725	8121
42	1050	7620	10087	13558
48	1200	11931	16405	20208

Valve Torques (N. m)

II. SERIES 742/743 ANSI CLASS 300 VALVES WITH FLEXIBLE PTFE SEAT

VALVE SIZE		ΔP , Bar					
Inch	mm	20.7	27.6	34.5	41.4	48.3	51
3	80	42	46	51	55	60	62
4	100	70	79	88	97	106	110
6	150	161	188	214	241	267	278
8	200	313	368	422	477	532	554
10	250	480	572	664	756	848	885
12	300	667	790	913	1035	1158	1207
14	350	1117	1372	1627	1882	2137	2239
16	400	1340	1643	1946	2248	2550	2671
18	450	1734	2118	2520	2885	3269	3422
20	500	2314	2842	3369	3897	4424	4635
24	600	3131	3840	4549	5258	5967	6251
30	750	5708	6888	8067	9247	10426	10898
36	900	9789	11877	13965	16053	18141	18976

II. SERIES 742/743 ANSI CLASS 300 VALVES WITH FLEXIBLE METAL SEAT & FIREPROOF SEAT

VALVE SIZE		ΔP , Bar					
Inch	mm	20.7	27.6	34.5	41.4	48.3	51
3	80	77	79	81	83	85	86
4	100	117	127	138	149	160	164
6	150	256	287	319	350	381	394
8	200	424	480	536	591	647	669
10	250	629	708	786	865	944	975
12	300	1119	1302	1485	1668	1851	1924
14	350	1250	1459	1668	1877	2085	2169
16	400	1586	1885	2183	2481	2779	2899
18	450	2685	3308	3932	4556	5179	5429
20	500	3796	4691	5586	6481	7376	7734
24	600	5966	7321	8677	10033	11389	11931