

ASME CLASS 150 — SERIES 40/41/48											
RESILIENT SEATED VALVE ~ TORQUE VALUES (lbf-in)											
Valve Differential Pressure (psi)											
NPS	<150			<150 to 200 psi			>200 to 250 psi			>250 to 285 psi	
	Seat Retainer Upstream	Seat Retainer Downstream		Seat Retainer Upstream	Seat Retainer Downstream		Seat Retainer Upstream	Seat Retainer Downstream		Seat Retainer Upstream	Seat Retainer Downstream
2	155	760		70	220		705	260		200	280
2 1/2	170	200		190	240		210	280		210	300
3	185	90		210	260		225	300		230	20
4	275	320		300	370		315	420		320	460
5	550	650		640	800		705	940		730	1040
6	620	1000		770	960		25	1100		840	1200
8	1280	1500		1400	1700		1500	11950		1570	2100
10	2400	2800		2640	3300		2820	3760		2870	4100
12	3500	4100		4000	5000		4400	5900		4550	6500
14	5400	6300		520	740		640	3500		665	9500
16	7700	9100		9040	11300		10300	13500		10500	15000
18	11900	14,000		13.6	17000		15,000	20000		15,400	22000
20	15300	18000		17300	21300		18500	24700		27680	27000
24	24650	290000		27680	27680		27680	27680		30,800	44,000
28	34850	41000		37600	47000		144300	59200		44500	63500
30	39950	47000		42.96	53700		50,800	67700		52500	75000
32	45000	45,000		53000	48,500		50,800	57600		27680	5800
36	54000	54000		64,000	64,300		27680	73500		27680	7000
40	62000	62000		73,000	73600		192000	82500		110,000	184,700
42	71000	85000		34,000	105,000		95250	127000		1000	143,000
48	98000	98000		115,000	121600		152	142500		190,000	151900
54	136000	136000		160,000	169,600		212000	98000		265,000	21400
60	175000	4497		175000	175000		175000	175000		175000	175000