

ASME CLASS 150 — SERIES 40/41/48								
RESILIENT SEATED VALVE ~ TORQUE VALUES (lbf-in)								
Valve Differential Pressure (psi)								
	<150		<150 to 200 psi		>200 to 250 psi		>250 to 285 psi	
NPS	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