



## S3-CS & SS Series Seal Welded Ball Valve

### Operating Torque Table- Delrin Seats

SIZE	BREAK	900PSIG	1800PSIG	2700PSIG	3600PSIG
1/4"-3/8" FP	75 in-lb	30 in-lb	35 in-lb	45 in-lb	50 in-lb
1/2" FP	75 in-lb	35 in-lb	40 in-lb	50 in-lb	60 in-lb
3/4" FP	120 in-lb	45 in-lb	55 in-lb	65 in-lb	85 in-lb
1" RP	200 in-lb	65 in-lb	75 in-lb	90 in-lb	115 in-lb
1" FP	400 in-lb	250 in-lb	250 in-lb	250 in-lb	250 in-lb
1-1/2" FP	750 in-lb	410 in-lb*	360 in-lb*	300 in-lb*	350 in-lb
2" RP	750 in-lb	410 in-lb*	360 in-lb*	300 in-lb*	350 in-lb

\* =Note: Highest Torque Required in last 5 degrees of closed-to-open rotation

### Operating Torque Table- PEEK Seats

SIZE	BREAK	900PSIG	1800PSIG	2700PSIG	3600PSIG
1/4"-3/8" FP	100 in-lb	60 in-lb	60 in-lb	70 in-lb	75 in-lb
1/2" FP	130 in-lb	65 in-lb	65 in-lb	70 in-lb	75 in-lb
3/4" FP	270 in-lb	100 in-lb	110 in-lb	110 in-lb	125 in-lb
1" RP	270 in-lb	100 in-lb	110 in-lb	110 in-lb	125 in-lb
1" FP	700 in-lb	400 in-lb*	400 in-lb*	380 in-lb*	350 in-lb
1-1/2" FP	1200 in-lb	760 in-lb*	760 in-lb*	800 in-lb*	850 in-lb
2" RP	1200 in-lb	760 in-lb*	760 in-lb*	800 in-lb*	850 in-lb

\* =Note: Highest Torque Required in last 5 degrees of closed-to-open rotation