



20-NP Series Brass Ball Valve

Operating Torque Table

SIZE	BREAK	100PSIG	200PSIG	300PSIG	400PSIG
¼"-3/8"	40 in-lb	6 in-lb	7 in-lb	10 in-lb	15 in-lb
½"	60 in-lb	8 in-lb	9 in-lb	10 in-lb	15 in-lb
¾"	90 in-lb	12 in-lb	13 in-lb	15 in-lb	20 in-lb
1"	140 in-lb	26 in-lb	28 in-lb	30 in-lb	35 in-lb
1-1/4"	200 in-lb	26 in-lb	30 in-lb	30 in-lb	35 in-lb
1-1/2"	240 in-lb	40 in-lb	60 in-lb	65 in-lb	80 in-lb
2"	310 in-lb	50 in-lb	65 in-lb	75 in-lb	90 in-lb
2-1/2"	475 in-lb	120 in-lb	135 in-lb	155 in-lb	175 in-lb
3"	550 in-lb	220 in-lb	350 in-lb	435 in-lb	470 in-lb
4"	700 in-lb	230 in-lb	370 in-lb	465 in-lb	555 in-lb