

Recommended Actuator Output Torque
(inch pounds)

ANSI class	Bore (in.)	Maximum Differential Pressure psi.						MAST (in.lbs)
		285	740	1000	1480	2000	2220	
600	4.0	1300	2160	2650	3570	-	-	16163
900	4.0	1300	2160	2650	3570	4250	4540	16163
150	6.0	6750	-	-	-	-	-	21222
300	6.0	6750	10710	-	-	-	-	21222
600	6.0	3570	6310	6490	6800	-	-	21222
150	8.0	16830	-	-	-	-	-	40403
300	8.0	5750	9730	-	-	-	-	40403
600	8.0	5750	9730	11910	15950	-	-	40403
150	10.0	20400	-	-	-	-	-	40403
300	10.0	20400	20830	-	-	-	-	104250
600	10.0	20400	20830	21230	21970	-	-	104250
150	12.0	27000	-	-	-	-	-	104250
300	12.0	17700	26870	-	-	-	-	104250
600	12.0	17700	26870	32010	41520	-	-	104250

Note:

Values are raw torque values for new valves and standard seat materials.

Values contain no service factors.

Customer should determine appropriate service factors.

Use the 285 psi. torque value for pressure differentials of 285 psi. & below.

Intermediate torque values can be determined using linear interpolation.

(i.e. torque values for pressures that lie between those listed in the chart)