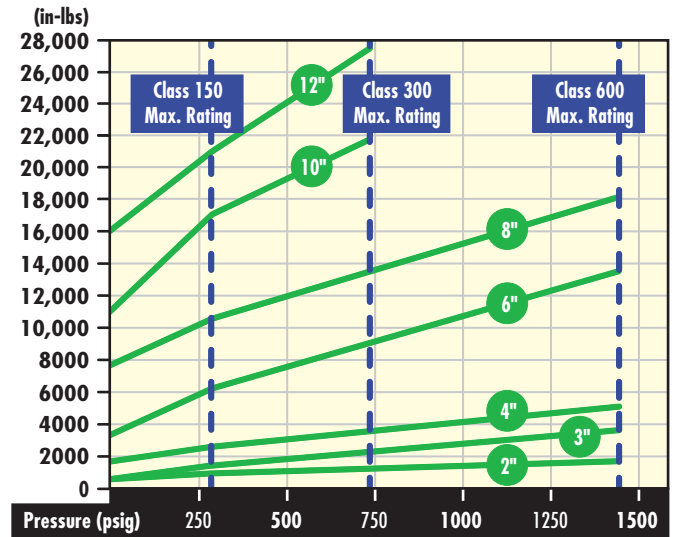


### Parts & Materials Typical 4" Steel Valve

No.	Qty.	Description	Material/Carb. Steel Std.	Spares
1	1	Body	A216-WCB/WCC	
2	1	Adapter Cap	A216-WCB/WCC	
4	1	Ball	A351-CF8M	
5	1	Stem	A276-316	
6	2	Seat Assembly	Nylon/316	S
9	1	Trunnion	A276-316	
10	1	Trunnion Plate	A352-LCC	
11	1	Snap Ring	Stainless Steel	
22	1	Bearing	TFMC	S
25	1	Stem Thrust Bearing	TFMC	S
28	2	Bearing Washer	Steel/PTFE	S
31	2	Spring	Inconel X-750	
32	1	O-ring, Body	HNBR	S
33	2	O-ring, Seat	HNBR	S
34	2	O-ring, Stem	HNBR	S
35	2	O-ring, Trunnion	HNBR	S
36	—	Packing	Graphite	S
39	SeeDim.	Stud	A193-B7M	
40	SeeDim.	Nut	A194-2HM	
45	4	Cap Screw, Trunnion	A574	
60	1	Handle	Carbon Steel	
62	1	Handle Screw	F912	
67	1	Handle Adapter	Ductile Iron	
68	1	Cap Screw, Stop	A574	
70	1	Gasket, Body	Graphite	S
71	1	Gasket, Trunnion	Graphite	S
72	—	Packing, Stem	Graphite	S
73	1	Stop Plate	Carbon Steel	
74	1	Stem Bearing	PTFE	S

NOTE: We reserve the right to change materials and specifications.

### Stem Torque



### Max Break Torques (in.-lbs.)

Pressure psig	Torque (in.-lbs.) By Size						
	2	3	4	6	8	10	12
0	540	720	1560	3180	7560	9000	16,000
285	900	1440	2580	6120	10,560	15,700	21,000
740	1320	2460	3600	9540	13,560	21,600	27,200
1480	1620	3720	5220	13,800	18,180	—	—

### Pressure Temperature

