

Ball Valve Specifications

Part name	WCB	LCB	CF8	CF8M
Stud and nut	A193 Gr B7/A194 Gr 2H	A320 Gr L7/A194 Gr 4	A193 Gr B16/A194 Gr 4/7	A193 Gr B7/A194 Gr 2H
Packing	Graphite/ptfe	Graphite/ptfe	Graphite/ptfe	Graphite/ptfe
Ball seat	PTFE/RPTFE/NYLON	SPTFE/RPTFE/NYLON	PTFE/RPTFE/NYLON	PTFE/RPTFE/NYLON
Gasket	Grafoil/spiral wound	Grafoil/spiral wound	Grafoil/spiral wound	Grafoil/spiral wound
Ball	A182 F6a	A182 F304	A182 F304	A182 F316
R-body	A216 Gr WCB	A352 Gr LCB	A351 Gr CF8	A351 Gr CF8M
L-body	A216 Gr WCB	A352 Gr LCB	A351 Gr CF8	A351 Gr CF8M

Dimensions

Class 150											
Size	inch	1/2	3/4	1	1-1/2	2	2-1/2	3	4	6	8
L-RF	mm	108	117	127	1-1/2	178	191	203	229	394	457
L1-BW	mm	140	152	165	190	216	241	283	305	457	521
L2-RTJ	mm	-	-	140	178	191	203	216	241	406	470
B	mm	13	19	25	38	51	64	76	102	152	203
H	mm	65	70	80	95	110	135	145	170	235	275
K	mm	150	155	160	180	200	225	325	350	500	600
WT.	Kg	3	4	5	8	12	21	26	43	80	155
Class 300											
Size	inch	1/2	3/4	1	1-1/2	2	2-1/2	3	4	6	8
L-RF	mm	140	152	165	190	216	241	283	305	403	502
L1-BW	mm	140	152	165	191	216	241	283	305	457	521
L2-RTJ	mm	151	165	178	203	232	257	298	321	419	518

B	mm	13	19	25	38	51	64	76	102	152	203
H	mm	70	85	90	105	120	145	160	195	250	290
K	mm	155	160	180	200	225	325	350	500	600	700
WT.	mm	3	5	7	13	15	28	32	55	105	170

Details

Part name	Material
Handle	Carbon steel
Lock nut	Carbon steel
Gland nut	Carbon steel
Thrust washer	PTFE/NYLON
Gland bush	Stainless steel
Stem	Stainless steel