

Floating

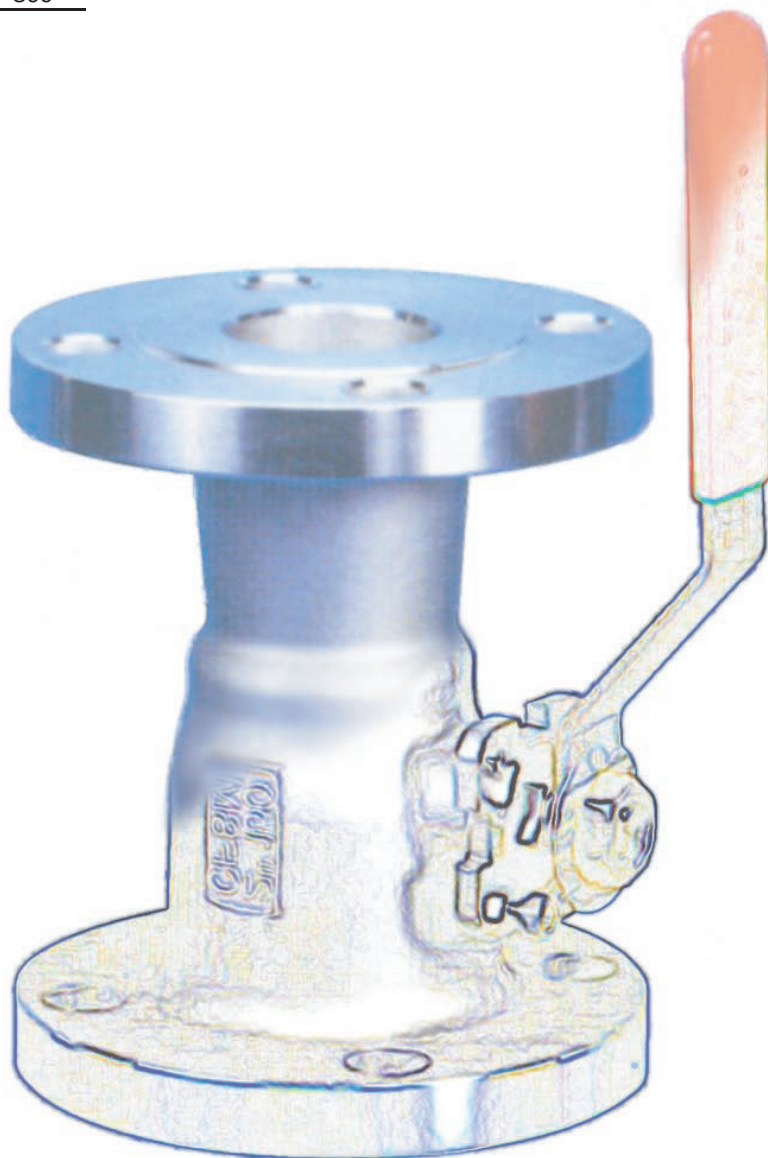
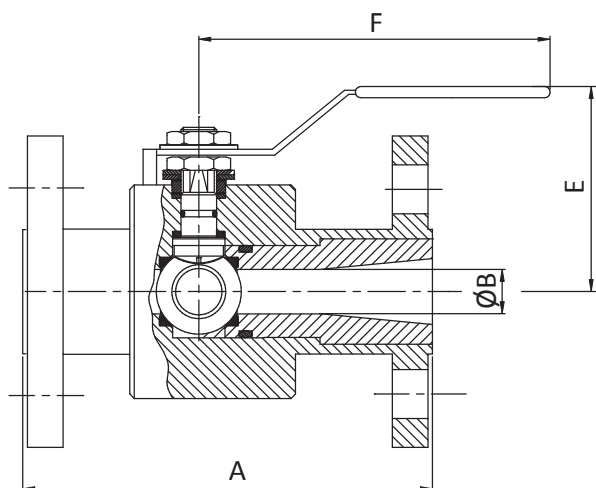


cast steel, Reduced bore

ASME Class 150

ASME Class 1500 dimensional data, mm

Size inches	A	$\varnothing B$	E	F	Weight kg	Torque N·m
	RF					
1/2	108	13	80	150	3	7
3/4	117	16	84	160	4	8
1	127	20	87	160	6	18
1 1/2	165	32	102	190	12	51
2	178	39	102	190	15	67
3	203	64	156	500	22	93
4	229	80	168	500	46	150
6	394	100	191	390	110	380
8	457	152	256	650	175	800



Floating

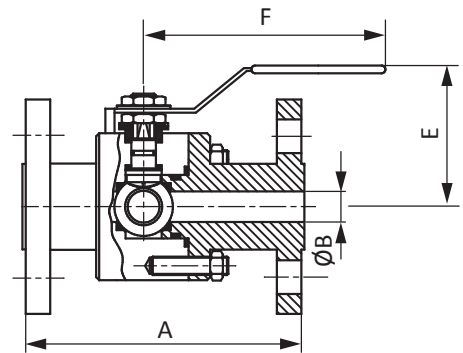


Side entry, forged steel, Reduced bore

ASME Class 150/300

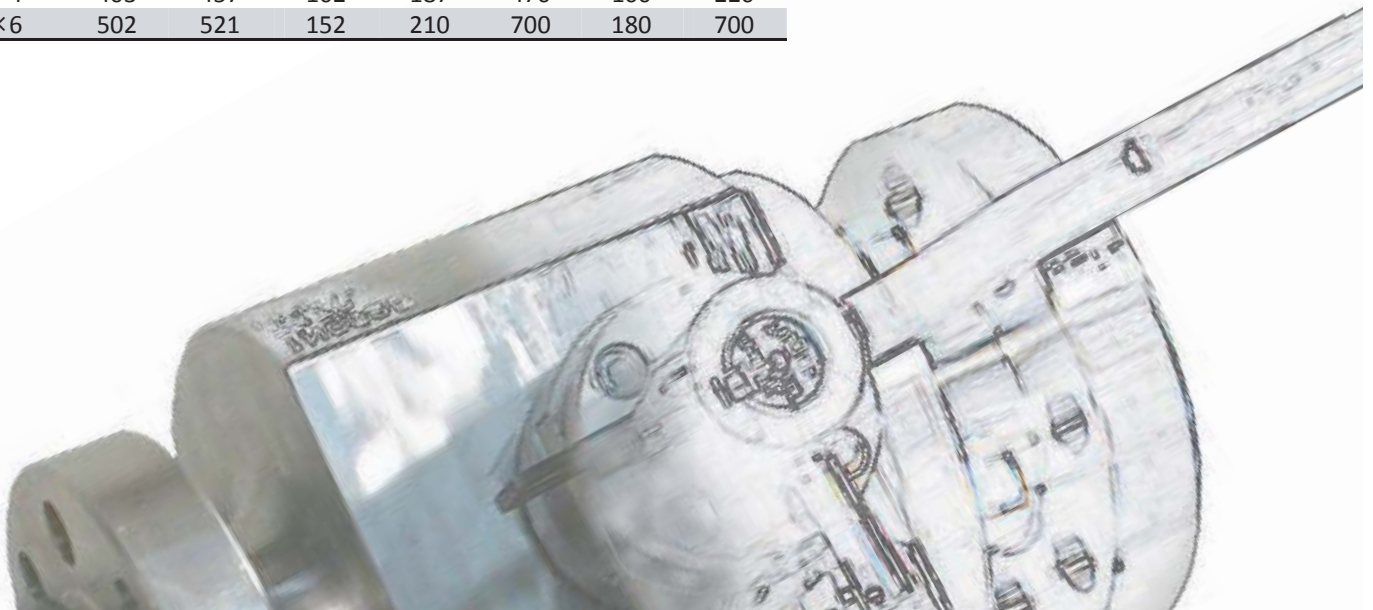
ASME Class 150 dimensional data, mm

Size inches	A		ØB	E	F	Weight kg	Torque N·m
	RF	BW					
3/4 × 1/2	117	153	15	82	145	3.5	7
1 × 3/4	127	165	19	87	170	5	8
1 1/4 × 1	140	178	25	92	170	8	18
1 1/2 × 1 1/4	165	191	32	105	270	11	35
2 × 1 1/2	178	216	38	108	270	13	51
2 1/2 × 2	191	242	50	119	270	17	67
3 × 2	203	283	50	119	270	20	67
4 × 3	229	305	76	163	380	42	93
6 × 4	394	457	102	187	470	80	150
8 × 6	457	521	152	210	700	120	550



ASME Class 300 dimensional data, mm

Size inches	A		ØB	E	F	Weight kg	Torque N·m
	RF	BW					
3/4 × 1/2	153	153	15	82	145	5	10
1 × 3/4	165	165	19	87	170	7	14
1 1/4 × 1	178	178	25	92	170	11	25
1 1/2 × 1 1/4	191	191	32	105	270	16	48
2 × 1 1/2	216	216	38	108	270	19	63
2 1/2 × 2	241	241	50	119	270	23	70
3 × 2	283	283	50	119	270	30	70
4 × 3	305	305	76	163	380	52	115
6 × 4	403	457	102	187	470	100	220
8 × 6	502	521	152	210	700	180	700



Floating

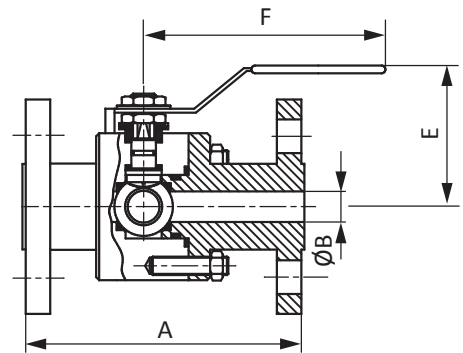


Side entry, forged steel, full bore

ASME Class 150/300

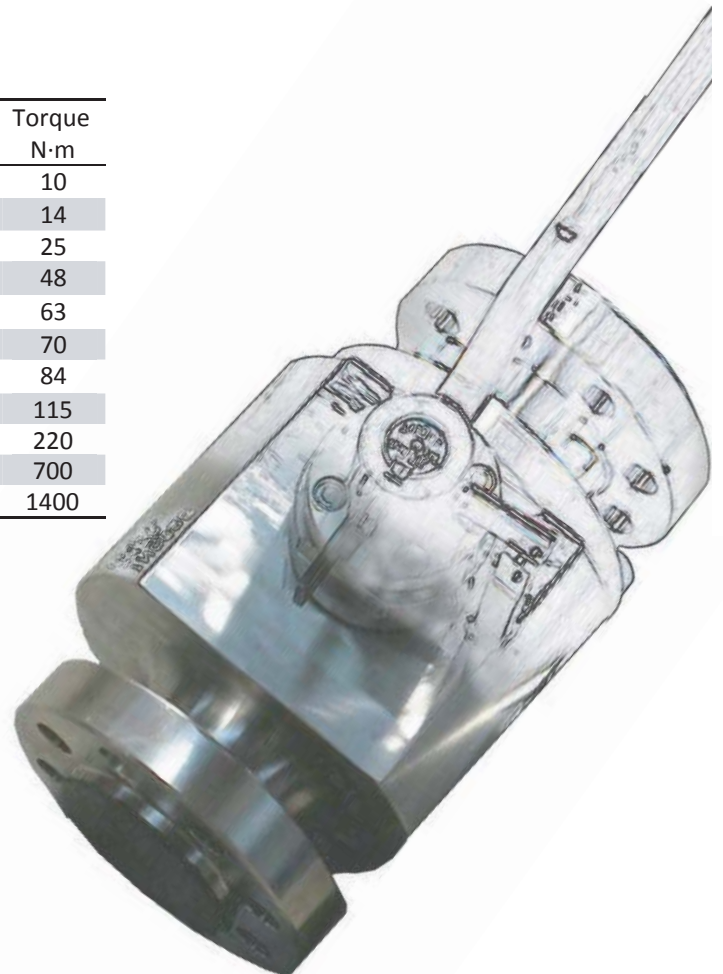
ASME Class 150 dimensional data, mm

Size inches	A		ØB	E	F	Weight kg	Torque N·m
	RF	BW					
1/2	108	140	15	82	145	3	7
3/4	117	153	19	87	170	4	8
1	127	165	25	92	170	6	18
1 1/4	140	178	32	105	270	10	35
1 1/2	165	191	38	108	270	12	51
2	178	216	50	119	270	15	67
2 1/2	191	242	65	150	380	19	78
3	203	283	76	163	380	22	93
4	229	305	102	187	470	46	150
6	394	457	152	210	700	110	550
8	457	521	203	280	700	175	1250



ASME Class 300 dimensional data, mm

Size inches	A		ØB	E	F	Weight kg	Torque N·m
	RF	BW					
1/2	140	140	15	82	145	4	10
3/4	153	153	19	87	170	6	14
1	165	165	25	92	170	10	25
1 1/4	178	178	32	105	270	15	48
1 1/2	191	191	38	108	270	18	63
2	216	216	50	119	270	22	70
2 1/2	241	241	65	150	380	28	84
3	283	283	76	163	380	38	115
4	305	305	102	187	470	78	220
6	403	457	152	210	700	148	700
8	502	521	203	280	700	196	1400



Floating



Top entry, cast steel, Reduced bore

ASME Class 150/300/600

ASME Class 150 dimensional data, mm

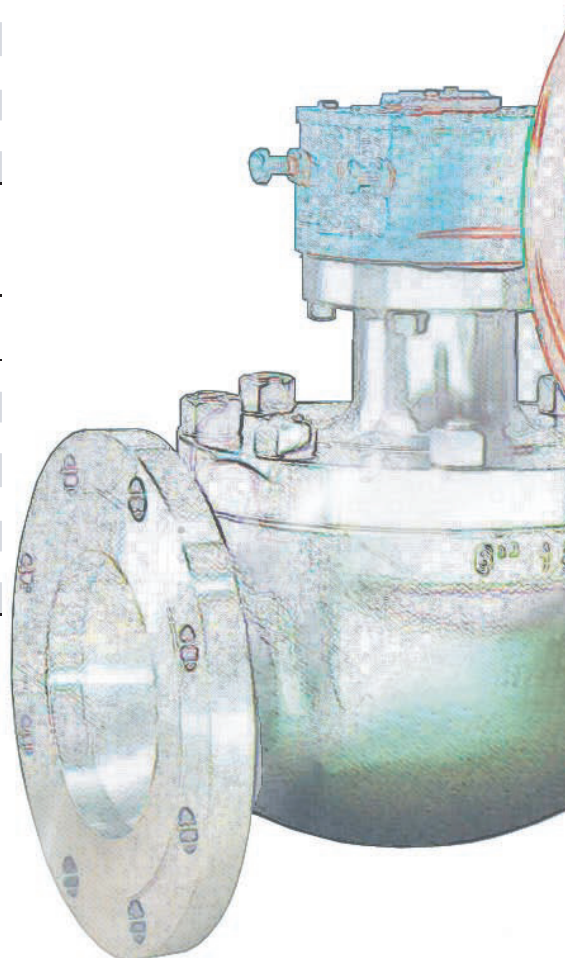
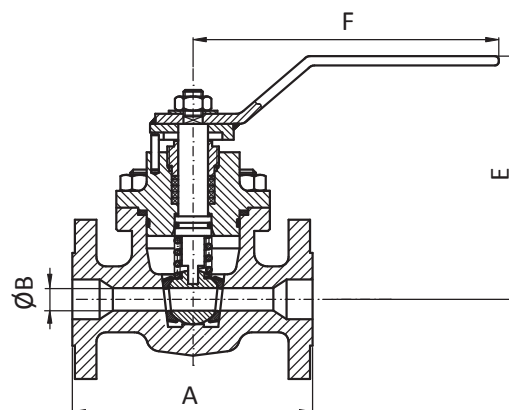
Size inches	A			ØB	E	F	Weight kg
	RF	BW	RTJ				
1/2×3/8	108	140	—	12.5	135	230	4
3/4×1/2	117	152.5	—	12.5	135	230	5
1×3/4	127	165	—	19	150	260	6.5
1½×1	165	190.5	—	25.4	172	340	9.5
2×1½	178	216	190.5	38	178	350	13
3×2	203	282.5	216	50	193	375	22
4×3	229	305	241.5	70	210	410	30
6×4	394	457	407	102	GEAR	GEAR	70

ASME Class 300 dimensional data, mm

Size inches	A			ØB	E	F	Weight kg
	RF	BW	RTJ				
1/2×3/8	140	140	151.5	12.5	135	230	4
3/4×1/2	152.5	152.5	165	12.5	135	230	5.5
1×3/4	165	165	178	19	150	260	7.5
1½×1	190.5	190.5	203	25.4	172	340	13
2×1½	216	216	232	38	178	350	15
3×2	282.5	282.5	298	50	193	375	34
4×3	305	305	321	70	210	410	42
6×4	403	457	419	102	GEAR	GEAR	80

ASME Class 600 dimensional data, mm

Size inches	A			ØB	E	F	Weight kg
	RF	BW	RTJ				
1/2×3/8	165	165	163.5	12.5	135	230	6
3/4×1/2	190.5	190.5	190.5	12.5	135	230	8
1×3/4	216	216	216	19	150	260	9
1½×1	241	241	241	25.4	172	340	15
2×1½	292	292	295	38	178	350	19
3×2	356	356	359	50	193	375	48
4×3	432	432	435	70	210	410	72
6×4	559	559	562	102	GEAR	GEAR	130



Floating

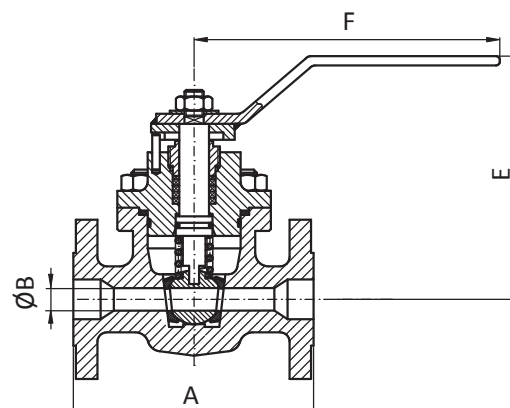


Top entry, cast steel, Full bore

ASME Class 150/300/600

ASME Class 150 dimensional data, mm

Size inches	A			ØB	E	F	Weight kg
	RF	BW	RTJ				
1/2	108	140	—	12.5	135	230	4
3/4	117	152.5	—	19	150	260	5
1	216	216	232	25.4	172	340	14
1 1/2	191	191	203	38	178	350	9
2	216	216	232	50	193	375	15
3	356	356	359	70	210	410	48
4	432	432	435	102	GEAR	GEAR	90
6	559	559	562	152	GEAR	GEAR	130

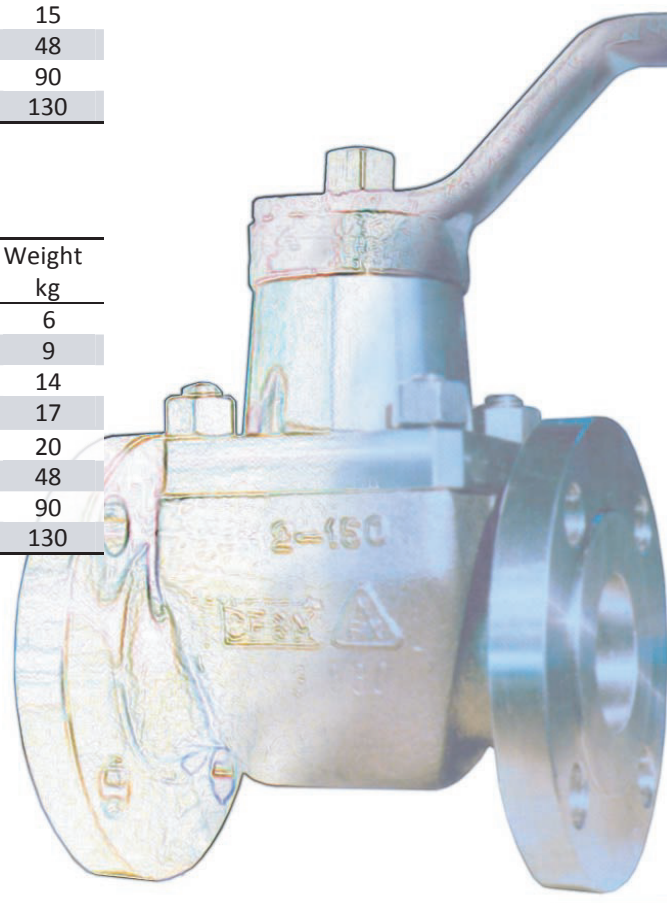


ASME Class 300 dimensional data, mm

Size inches	A			ØB	E	F	Weight kg
	RF	BW	RTJ				
1/2	140	140	151.5	12.5	135	230	4
3/4	152.5	152.5	165	19	150	260	5.5
1	216	216	232	25.4	172	340	14
1 1/2	191	191	203	38	178	350	9
2	216	216	232	50	193	375	15
3	356	356	359	70	210	410	48
4	432	432	435	102	GEAR	GEAR	90
6	559	559	562	152	GEAR	GEAR	130

ASME Class 600 dimensional data, mm

Size inches	A			ØB	E	F	Weight kg
	RF	BW	RTJ				
1/2	165	165	178	12.5	135	230	6
3/4	190.5	190.5	203	19	150	260	9
1	216	216	232	25.4	172	340	14
1 1/2	241	241	241	38	178	350	17
2	292	292	295	50	193	375	20
3	356	356	359	70	210	410	48
4	432	432	435	102	GEAR	GEAR	90
6	559	559	562	152	GEAR	GEAR	130



Floating



Top entry, forged steel, Reduced bore

ASME Class 150 through 2500

ASME Class 150/300 dimensional data, mm

Size inches	A			ØB	E	F	Weight kg
	RF	BW	RTJ				
1/2	152	90	163.5	9	95	157	2.8
3/4	178	110	190.5	12.5	101	157	4.7
1	203	110	216	17	123.5	208	5.7
1 1/2	229	170	241	29	160	293	11.8
2	267	216	282.5	36	194	373	17

ASME Class 600 dimensional data, mm

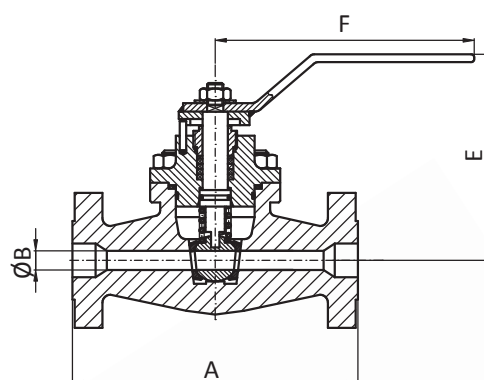
Size inches	A			ØB	E	F	Weight kg
	RF	BW	RTJ				
1/2	165	90	163.5	9	95	157	2.9
3/4	190.5	110	190.5	12.5	101	157	4.8
1	216	110	216	17	123.5	208	9.7
1 1/2	241	170	241	29	160	293	12
2	292	216	295	36	194	373	17.3

ASME Class 900/1500 dimensional data, mm

Size inches	A			ØB	E	F	Weight kg
	RF	BW	RTJ				
1/2	216	110	216	9	123.5	208	7.6
3/4	229	120	229	11	160	293	10.8
1	254	130	254	14.5	160	293	14.5
1 1/2	305	210	305	26	195	373	31
2	368	216	371	31	205	450	43

ASME Class 2500 dimensional data, mm

Size inches	A			ØB	E	F	Weight kg
	RF	BW	RTJ				
1/2	263	120	263	9	195	280	9.8
3/4	273	130	273	11	195	280	11.8
1	308	150	308	14.5	195	280	16.5
1 1/2	384	240	387	24	210	373	37
2	451	280	454	28	250	430	58



Floating

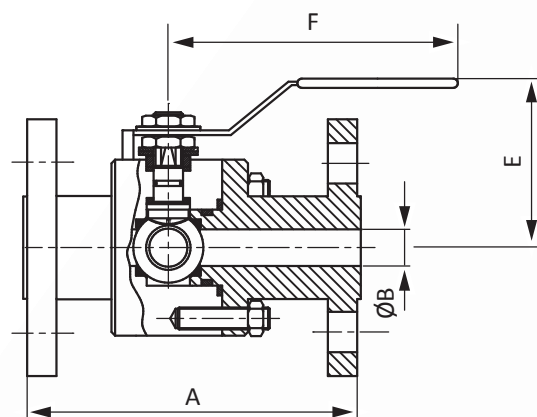


Side entry, forged steel, Reduced bore

ASME Class 600/900/1500

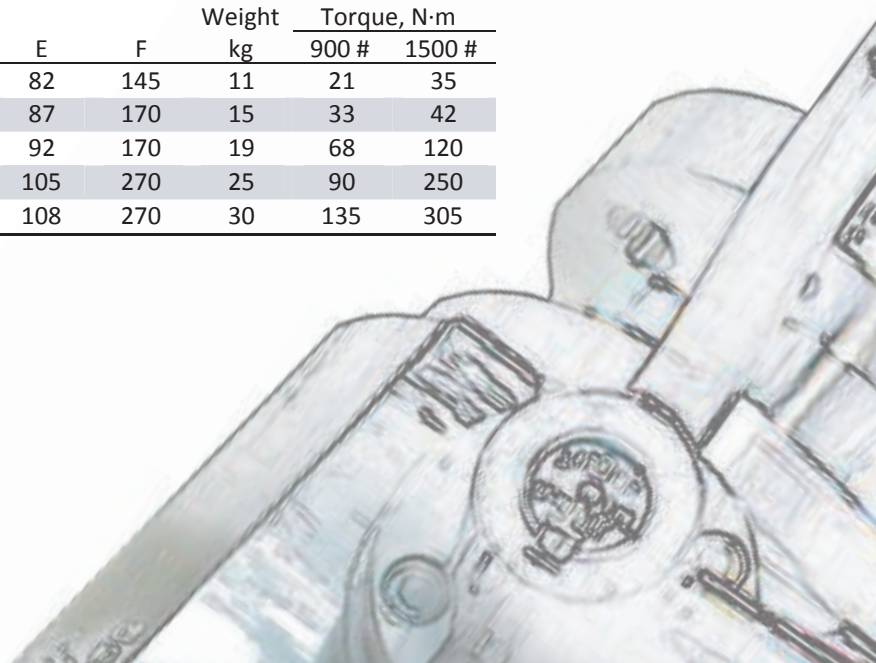
ASME Class 600 dimensional data, mm

Size inches	A			ØB	E	F	Weight kg	Torque N·m
	RF	BW	RTJ					
3/4 × 1/2	191	191	191	15	82	145	7	18
1 × 3/4	216	216	216	19	87	170	9	21
1 1/4 × 1	229	229	229	25	92	170	14	45
1 1/2 × 1 1/4	241	241	241	32	105	270	17	80
2 × 1 1/2	292	292	295	38	108	270	20	91
2 1/2 × 2	330	330	333	50	119	270	27	125
3 × 2	356	356	359	50	119	270	33	125
4 × 3	432	432	435	76	163	380	75	195
6 × 4	559	559	562	102	187	470	150	350



ASME Class 900/1500 dimensional data, mm

Size inches	A			ØB	E	F	Weight kg	Torque, N·m	
	RF	BW	RTJ					900 #	1500 #
3/4 × 1/2	229	229	229	15	82	145	11	21	35
1 × 3/4	254	254	254	19	87	170	15	33	42
1 1/4 × 1	279	279	279	25	92	170	19	68	120
1 1/2 × 1 1/4	305	305	305	32	105	270	25	90	250
2 × 1 1/2	368	368	371	38	108	270	30	135	305



Floating

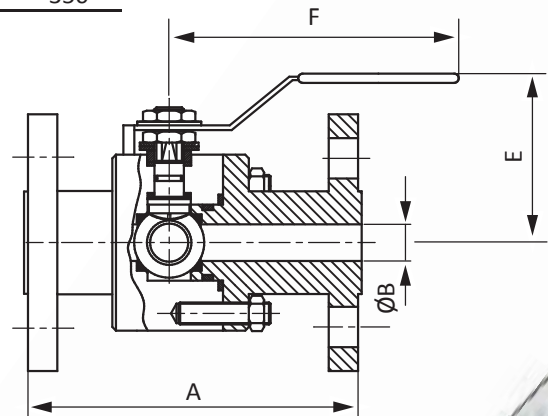


Side entry, forged steel, Full bore

ASME Class 600/900/1500

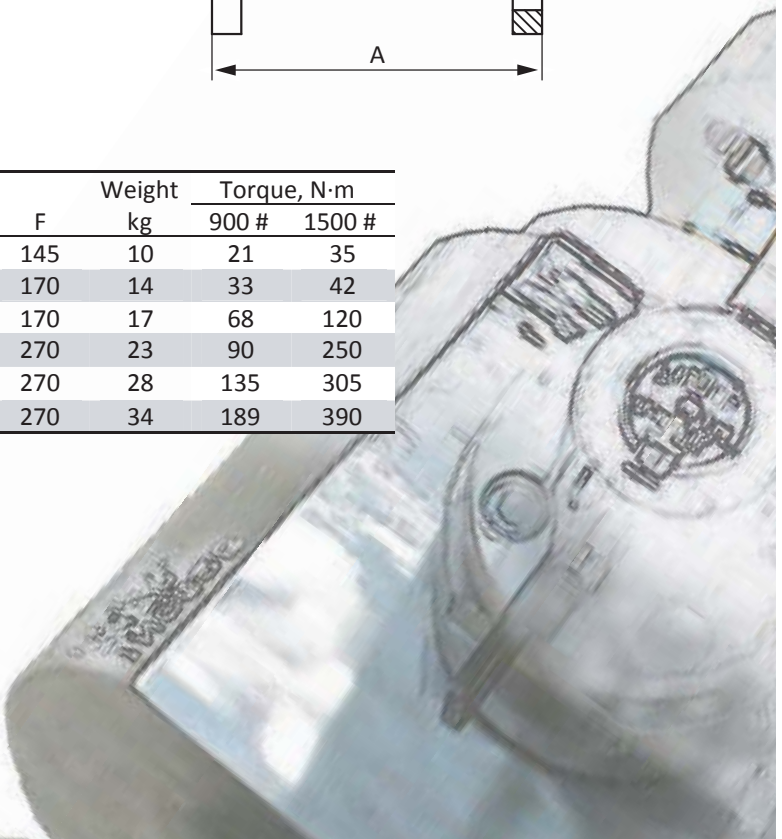
ASME Class 600 dimensional data, mm

Size inches	A			ØB	E	F	Weight kg	Torque N·m
	RF	BW	RTJ					
1/2	165	165	164	15	82	145	5	18
3/4	191	191	191	19	87	170	7	21
1	216	216	216	25	92	170	10	45
1 1/4	229	229	229	32	105	270	15	80
1 1/2	241	241	241	38	108	270	18	91
2	292	292	295	50	119	270	22	125
2 1/2	330	330	333	65	150	380	28	140
3	356	356	359	76	163	380	38	195
4	432	432	435	102	187	470	78	350



ASME Class 900/1500 dimensional data, mm

Size inches	A			ØB	E	F	Weight kg	Torque, N·m	
	RF	BW	RTJ					900 #	1500 #
1/2	216	216	216	15	82	145	10	21	35
3/4	229	229	229	19	87	170	14	33	42
1	254	254	254	25	92	170	17	68	120
1 1/4	279	279	279	32	105	270	23	90	250
1 1/2	305	305	305	38	108	270	28	135	305
2	368	368	371	50	119	270	34	189	390

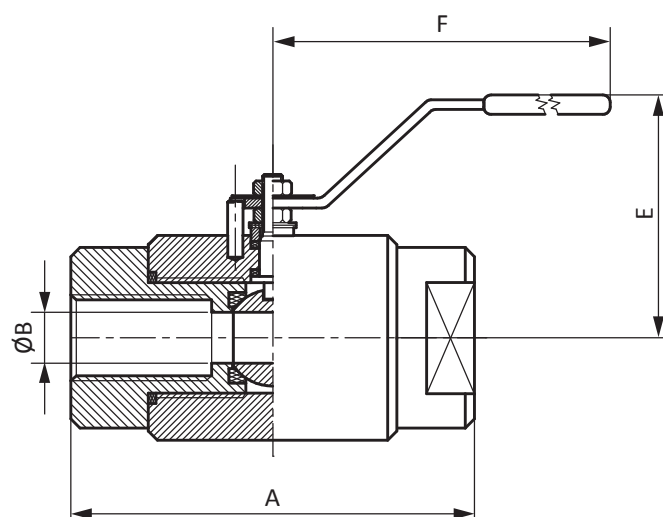


Bar stock

ASME Class 800/1500/2500

ASME Class 800/1500 dimensional data, mm

Size inches	A	ØB	E	F	Weight kg	Torque N·m
1/4	70	11	76	145	0.6	10
3/8	70	11	76	145	0.6	10
1/2×1/4	70	11	76	145	0.5	10
1/2	83	14	80	145	0.9	18
3/4×1/2	83	14	80	145	0.8	18
3/4	90	20	85	170	1.5	21
1×3/4	105	20	85	170	1.4	21
1	110	25	90	170	2.2	45
1 ¹ / ₄ ×1	110	25	90	170	2	45
1 ¹ / ₄	125	32	95	270	3.2	80
1 ¹ / ₂ ×1 ¹ / ₄	125	32	95	270	3.1	80
1 ¹ / ₂	130	38	95	270	4.2	91
2×1 ¹ / ₂	140	38	95	270	3.7	91
2	155	48	100	270	7	125



ASME Class 2500 dimensional data, mm

Size inches	A	ØB	E	F	Weight kg	Torque N·m
1/4	95	11	145	78	0.8	12
3/8	95	11	78	145	0.8	12
1/2×1/4	95	11	145	78	0.8	12
1/2	104	14	145	80	1	15
3/4×1/2	104	14	80	145	1	15
3/4	125	20	170	85	2.6	22
1×3/4	125	20	85	170	2.6	22
1	130	25	170	90	5	48
1 ¹ / ₄ ×1	130	25	90	170	5	48
1 ¹ / ₄	155	32	270	95	6	85
1 ¹ / ₂ ×1 ¹ / ₄	155	32	95	270	6	85
1 ¹ / ₂	180	38	380	135	10	95
2×1 ¹ / ₂	180	38	135	380	10	95
2	180	48	380	145	12	130

SW valves will be provided, unless otherwise specified, complete with welded plane ends nipples on both sides of the valve.

Nipples length = 100 mm.

