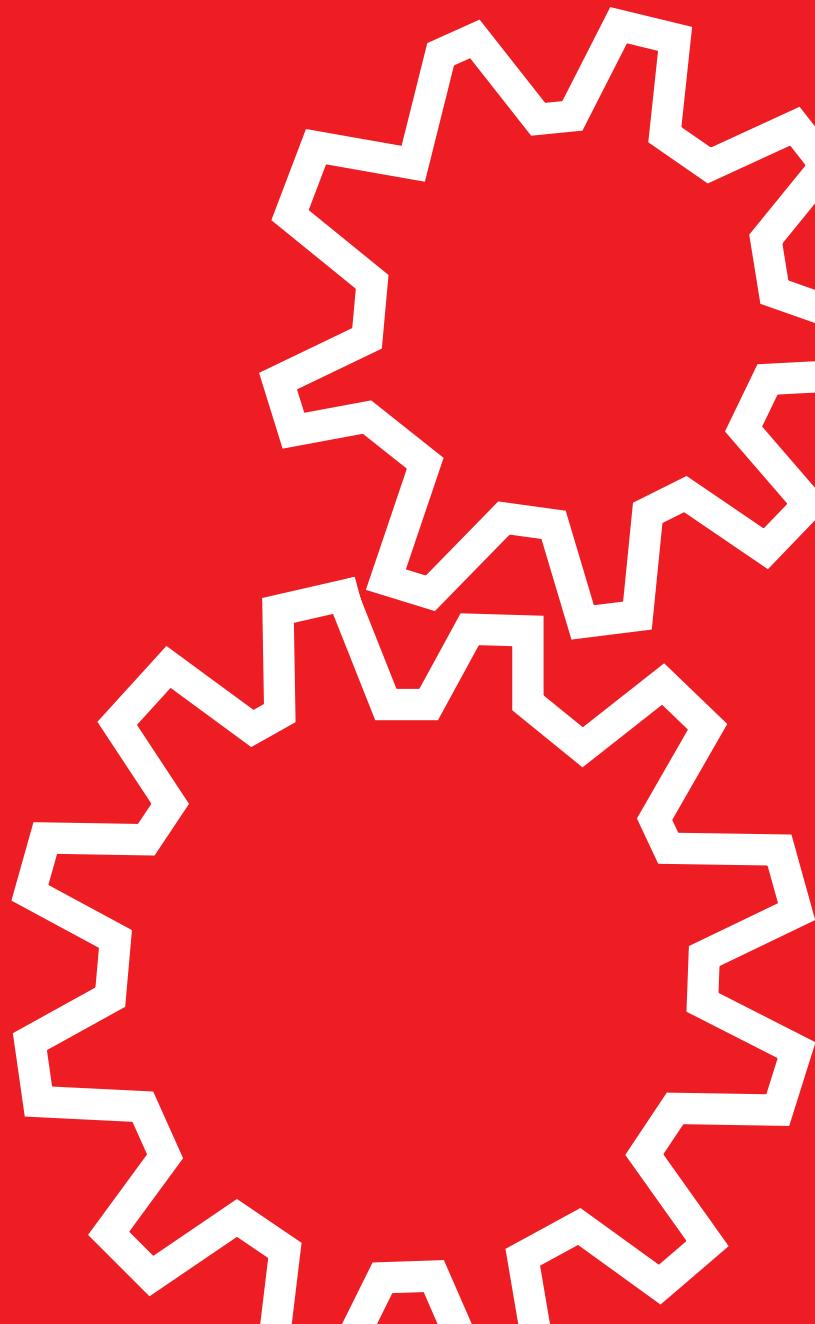
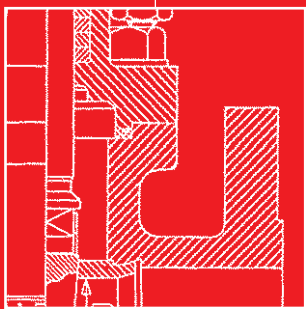
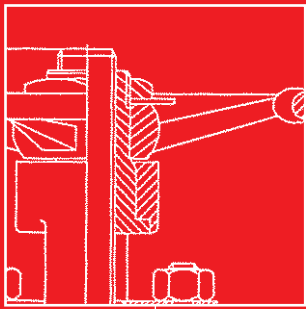


INTEGRAL FLANGED VALVES

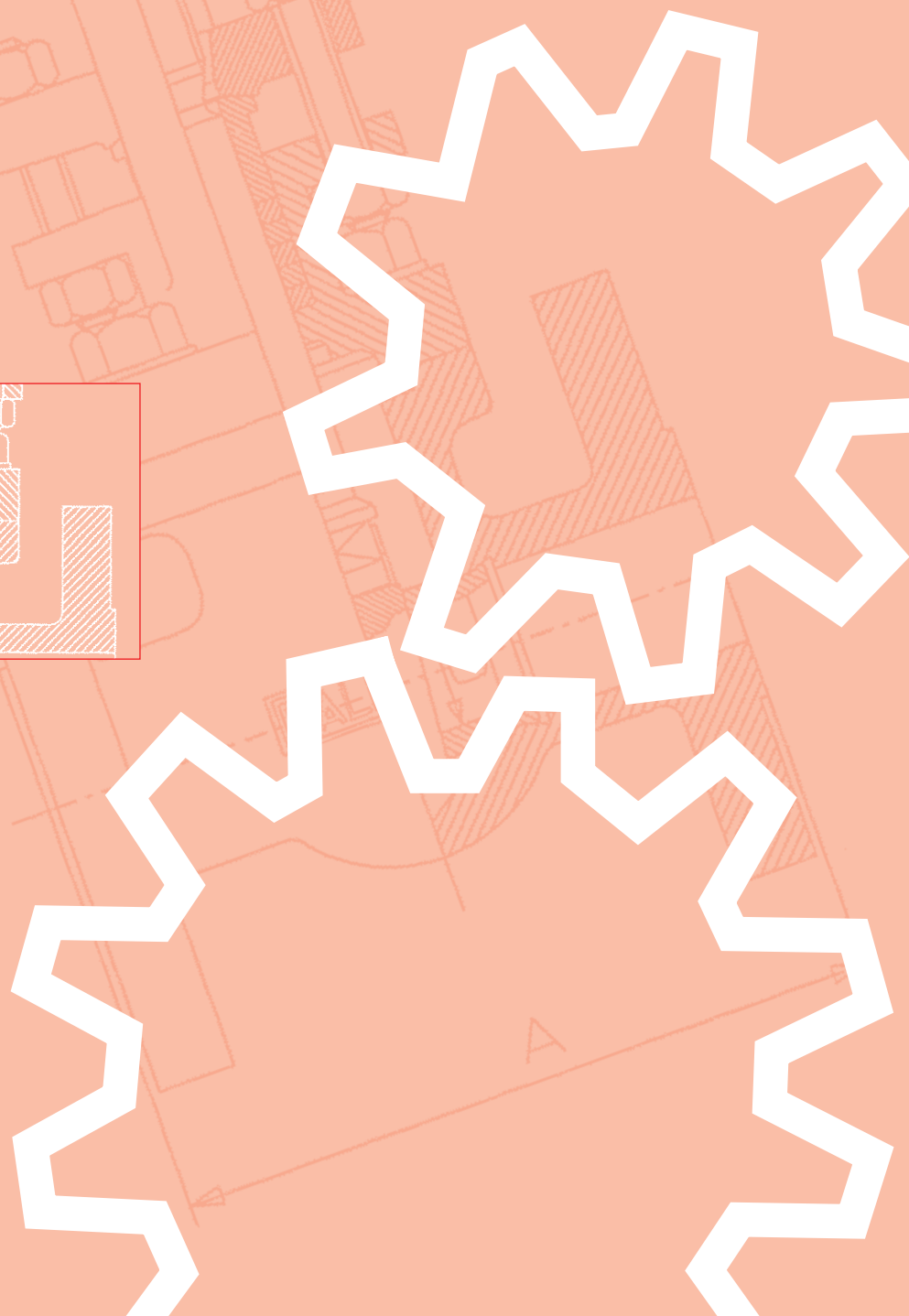
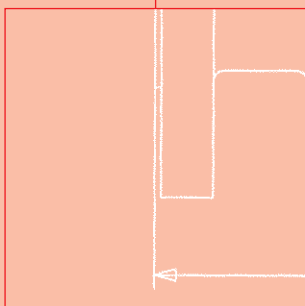
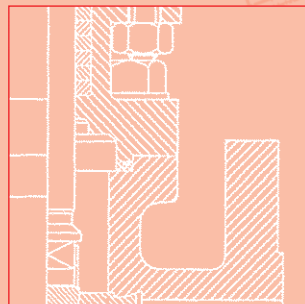
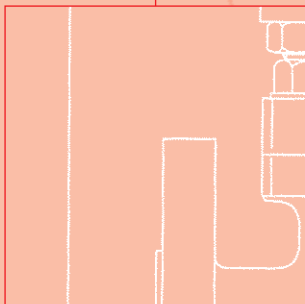
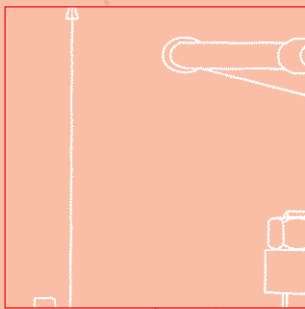


CLASS	DESIGN	CONNECTION	PORT	STANDARD	Screw & Yoke	ENDS	CALOBRI
150	Gate	Bolted Bonnet	Reduced	BS5352	Outside	Flanged to ASME B16.5	S1F
150	Gate	Bolted Bonnet	Full	BS5352	Outside	Flanged to ASME B16.5	S11F
300	Gate	Bolted Bonnet	Reduced	BS5352	Outside	Flanged to ASME B16.5	S3F
300	Gate	Bolted Bonnet	Full	BS5352	Outside	Flanged to ASME B16.5	S33F
600	Gate	Bolted Bonnet	Reduced	BS5352	Outside	Flanged to ASME B16.5	S6F
600	Gate	Bolted Bonnet	Full	BS5352	Outside	Flanged to ASME B16.5	S66F
150	Globe	Bolted Bonnet	Reduced	BS5352	Outside	Flanged to ASME B16.5	D1F
150	Globe	Bolted Bonnet	Full	BS5352	Outside	Flanged to ASME B16.5	D11F
300	Globe	Bolted Bonnet	Reduced	BS5352	Outside	Flanged to ASME B16.5	D3F
300	Globe	Bolted Bonnet	Full	BS5352	Outside	Flanged to ASME B16.5	D33F
600	Globe	Bolted Bonnet	Reduced	BS5352	Outside	Flanged to ASME B16.5	D6F
600	Globe	Bolted Bonnet	Full	BS5352	Outside	Flanged to ASME B16.5	D66F
150	Piston	Bolted Bonnet	Reduced	BS5352		Flanged to ASME B16.5	P1F
150	Ball	Bolted Bonnet	Reduced	BS5352		Flanged to ASME B16.5	C1F
150	Swing	Bolted Bonnet	Reduced	BS5352		Flanged to ASME B16.5	B1F
300	Piston	Bolted Bonnet	Reduced	BS5352		Flanged to ASME B16.5	P3F
300	Ball	Bolted Bonnet	Reduced	BS5352		Flanged to ASME B16.5	C3F
300	Swing	Bolted Bonnet	Reduced	BS5352		Flanged to ASME B16.5	B3F
600	Piston	Bolted Bonnet	Reduced	BS5352		Flanged to ASME B16.5	P6F
600	Ball	Bolted Bonnet	Reduced	BS5352		Flanged to ASME B16.5	C6F
600	Swing	Bolted Bonnet	Reduced	BS5352		Flanged to ASME B16.5	B6F
1500	Gate	Ring Joint BB	Full	BS5352	Outside	Flanged to ASME B16.5	RJ S1515F
2500	Gate	Ring Joint BB	Full	BS5352	Outside	Flanged to ASME B16.5	RJ S25F
1500	Globe	Ring Joint BB	Full	BS5352	Outside	Flanged to ASME B16.5	RJ D1515F
2500	Globe	Ring Joint BB	Full	BS5352	Outside	Flanged to ASME B16.5	RJ D25F
1500	Piston	Ring Joint BB	Full	BS5352		Flanged to ASME B16.5	RJ P1515F
1500	Ball	Ring Joint BB	Full	BS5352		Flanged to ASME B16.5	RJ C1515F
1500	Swing	Ring Joint BB	Full	BS5352		Flanged to ASME B16.5	RJ B1515F
2500	Piston	Ring Joint BB	Full	BS5352		Flanged to ASME B16.5	RJ P25F
2500	Ball	Ring Joint BB	Full	BS5352		Flanged to ASME B16.5	RJ C25F

Note JIS Valve Standards Available on request
 DIN Valve Standards Available on request

Class 150 to 2500

Bolted Bonnet - Full and Reduced Bore



Design & Construction:
API 602 - BS 5352
Testing according to API 598 - BS 6755
Marking MSS SP25

Outside Screw and Yoke (OS&Y)
Self aligning packing gland
Spiral-wound gasket retained type Integral backseat
Integral flanged ends to ANSI B16.5
End - To - End dimensions to ASME B16.10
Butt Welding Ends to ANSI B.16.25

GATE VALVES

CLASS 150

FULL BORE									
SIZE	inch	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
	mm	6	10	15	20	25	32	40	50
A	inch	-	-	4.25	4.64	5.00	-	6.49	7.00
	mm	-	-	108	118	127	-	165	178
B Open	inch	-	-	6.69	7.67	8.26	-	10.3	12.8
	mm	-	-	170	195	210	-	262	327
C	inch	-	-	0.55	0.70	0.94	-	1.45	1.89
	mm	-	-	14	18	24	-	37	48
Handwheel	inch	-	-	4.33	4.33	5.11	-	9.84	9.84
	mm	-	-	110	110	130	-	250	250
WEIGHT	lb	-	-	7.9	10.5	14.3	-	26.4	39.6
	kg	-	-	3.6	4.8	6.5	-	12	18
FIGURE	S11F								
PACKING	-	-	T2	T4	T5	-	T6	2" #150	
GASKET	-	-	40x30	40x30	48x38	-	66x54	81x71	

REDUCED BORE									
SIZE	inch	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
	mm	6	10	15	20	25	32	40	50
A	inch	-	-	4.25	4.64	5.00	-	6.49	7.00
	mm	-	-	108	118	127	-	165	178
B Open	inch	-	-	6.69	7.67	7.99	-	9.56	10.3
	mm	-	-	170	195	203	-	243	262
C	inch	-	-	0.38	0.55	0.70	-	1.18	1.45
	mm	-	-	9.6	14	18	-	30	37
Handwheel	inch	-	-	3.14	3.14	4.33	-	5.11	5.11
	mm	-	-	80	80	110	-	130	130
WEIGHT	lb	-	-	7.5	8.3	12.5	-	21.4	29.1
	kg	-	-	3.4	3.8	5.7	-	9.7	13.2
FIGURE	S1F								
PACKING	-	-	T2	T2	T4	-	T6	T6	
GASKET	-	-	40x30	40x30	48x38	-	66x54	74x60	

CLASS 300

FULL BORE									
SIZE	inch	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
	mm	6	10	15	20	25	32	40	50
A	inch	-	-	5.51	6.02	6.49	-	7.51	8.50
	mm	-	-	140	153	165	-	191	216
B Open	inch	-	-	6.69	7.67	8.26	-	10.3	12.8
	mm	-	-	170	195	210	-	262	327
C	inch	-	-	0.55	0.70	0.94	-	1.45	1.89
	mm	-	-	14	18	24	-	37	48
Handwheel	inch	-	-	4.33	4.33	5.11	-	9.84	9.84
	mm	-	-	110	110	130	-	250	250
WEIGHT	lb	-	-	9.0	12.1	15.4	-	28.6	41.8
	kg	-	-	4.1	5.5	7.0	-	13	19
FIGURE	S33F								
PACKING	-	-	T2	T3	T5	-	T6	2" #150	
GASKET	-	-	40x30	40x30	48x38	-	66x54	79x69	

REDUCED BORE									
SIZE	inch	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
	mm	6	10	15	20	25	32	40	50
A	inch	-	-	5.51	6.02	6.49	-	7.51	8.50
	mm	-	-	140	153	165	-	191	215
B Open	inch	-	-	6.69	7.67	7.99	-	9.56	10.3
	mm	-	-	170	195	203	-	243	262
C	inch	-	-	0.38	0.55	0.70	-	1.18	1.45
	mm	-	-	9.6	14	18	-	30	37
Handwheel	inch	-	-	3.14	3.14	4.33	-	5.11	5.11
	mm	-	-	80	80	110	-	130	130
WEIGHT	lb	-	-	8.6	11.0	13.6	-	26.4	36.3
	kg	-	-	3.9	5	6.2	-	12	16.5
FIGURE	S3F								
PACKING	-	-	T2	T2	T4	-	T6	T6	
GASKET	-	-	40x30	40x30	48x38	-	66x54	74x60	

CLASS 600

FULL BORE									
SIZE	inch	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
	mm	6	10	15	20	25	32	40	50
A	inch	-	-	6.49	7.51	8.50	-	9.48	11.5
	mm	-	-	165	191	216	-	241	292
B Open	inch	-	-	9.60	10.5	12.2	-	15.4	16.9
	mm	-	-	244	268	310	-	391	430
C	inch	-	-	0.55	0.70	0.94	-	1.45	1.89
	mm	-	-	14	18	24	-	37	48
Handwheel	inch	-	-	4.33	4.33	5.11	-	9.84	9.84
	mm	-	-	110	110	130	-	250	250
WEIGHT	lb	-	-	13.2	24.2	28.6	-	59.4	66.0
	kg	-	-	6	11	13	-	27	30
FIGURE	S66F								
PACKING	-	-	T2	T3	T5	-	T6	2" #150	
GASKET	-	-	40x30	40x30	48x38	-	66x54	79x69	

REDUCED BORE									
SIZE	inch	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
	mm	6	10	15	20	25	32	40	50
A	inch	-	-	6.49	7.51	8.50	-	9.48	11.5
	mm	-	-	165	191	216	-	241	292
B Open	inch	-	-	5.82	6.41	7.00	-	9.56	10.3
	mm	-	-	148	163	178	-	243	262
C	inch	-	-	0.38	0.55	0.70	-	1.18	1.45
	mm	-	-	9.6	14	18	-	30	37
Handwheel	inch	-	-	3.14	3.14	4.33	-	5.11	5.11
	mm	-	-	80	80	110	-	130	130
WEIGHT	lb	-	-	8.8	11.4	16.5	-	33.0	45.1
	kg	-	-	4	5.2	7.5	-	15	20.5
FIGURE	S6F								
PACKING	-	-	T2	T2	T4	-	T6	T6	
GASKET	-	-	40x30	40x30	48x38	-	66x54	74x60	

INTEGRAL FLANGED VALVES



Design & Construction:
BS 5352
Testing according to API 598 - BS 6755
Marking MSS SP25

Outside Screw and Yoke (OS&Y)
Self aligning packing gland
Spiral-wound gasket retained type Integral backseat
Integral flanged ends to ANSI B16.5
End - To - End to ASME B16.10



GLOBE VALVES

CLASS 150

FULL BORE									
SIZE	inch	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
	mm	6	10	15	20	25	32	40	50
A	inch	-	-	4.25	4.64	5.00	-	6.49	7.99
	mm	-	-	108	118	127	-	165	203
B Open	inch	-	-	6.69	7.75	8.07	-	9.76	10.1
	mm	-	-	170	197	205	-	248	257
C	inch	-	-	0.51	0.68	0.88	-	1.37	1.79
	mm	-	-	13	17.5	22.5	-	35	45.5
Handwheel	inch	-	-	3.14	3.14	4.33	-	5.11	7.08
	mm	-	-	80	80	110	-	130	180
WEIGHT	lb	-	-	7.5	8.8	12.5	-	22.0	37.4
	kg	-	-	3.4	4	5.7	-	10	17.0
FIGURE	D11F								
PACKING	-	-	T2	T3	T5	-	T6	T27	
GASKET	-	-	40x30	40x30	48x38	-	66x54	74x60	

REDUCED BORE									
SIZE	inch	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
	mm	6	10	15	20	25	32	40	50
A	inch	-	-	4.25	4.64	5.00	-	6.49	7.99
	mm	-	-	108	118	127	-	165	203
B Open	inch	-	-	6.10	6.88	8.66	-	11.0	13.78
	mm	-	-	155	175	220	-	280	350
C	inch	-	-	0.35	0.51	0.69	-	1.16	1.37
	mm	-	-	9	13	17.5	-	29.5	35
Handwheel	inch	-	-	3.14	3.14	5.11	-	7.08	7.08
	mm	-	-	80	80	130	-	180	180
WEIGHT	lb	-	-	7.04	8.8	15.8	-	32.8	41.8
	kg	-	-	3.2	4	7.2	-	14.9	19
FIGURE	D1F								
PACKING	-	-	T2	T3	T5	-	T6	T27	
GASKET	-	-	40x30	40x30	48x38	-	66x54	74x60	

CLASS 300

FULL BORE									
SIZE	inch	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
	mm	6	10	15	20	25	32	40	50
A	inch	-	-	6.02	7.00	7.99	-	9.01	10.5
	mm	-	-	153	178	203	-	229	267
B Open	inch	-	-	5.82	6.49	7.08	-	9.76	10.1
	mm	-	-	148	165	180	-	248	257
C	inch	-	-	0.51	0.68	0.88	-	1.37	1.79
	mm	-	-	13	17.5	22.5	-	35	45.5
Handwheel	inch	-	-	3.14	3.14	4.33	-	5.11	7.08
	mm	-	-	80	80	110	-	130	180
WEIGHT	lb	-	-	8.8	11.0	16.1	-	30.8	45.1
	kg	-	-	4	5	7.3	-	14	20.5
FIGURE	D33F								
PACKING	-	-	T2	T3	T5	-	T6	T27	
GASKET	-	-	40x30	40x30	48x38	-	66x54	74x60	

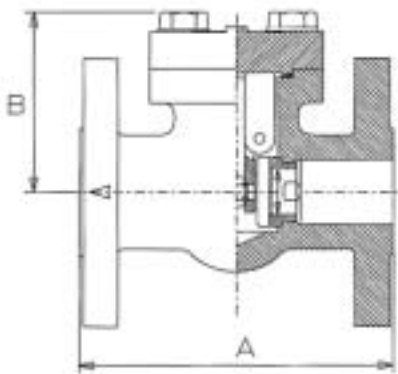
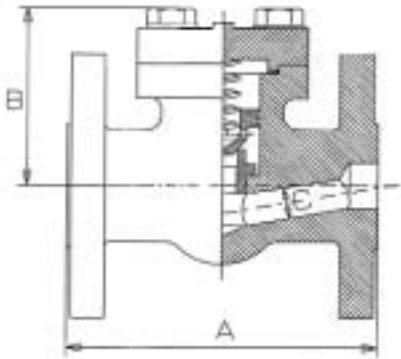
REDUCED BORE									
SIZE	inch	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
	mm	6	10	15	20	25	32	40	50
A	inch	-	-	6.02	7.00	7.99	-	9.01	10.5
	mm	-	-	153	178	203	-	229	267
B Open	inch	-	-	6.10	6.88	8.66	-	11.0	13.78
	mm	-	-	155	175	220	-	280	350
C	inch	-	-	0.35	0.51	0.69	-	1.16	1.37
	mm	-	-	9	13	17.5	-	29.5	35
Handwheel	inch	-	-	3.14	3.14	5.11	-	7.08	7.08
	mm	-	-	80	80	130	-	180	180
WEIGHT	lb	-	-	9.25	12.5	23.5	-	36.1	46.2
	kg	-	-	4.2	5.7	10.7	-	16.4	21
FIGURE	D3F								
PACKING	-	-	T2	T3	T5	-	T6	T27	
GASKET	-	-	40x30	40x30	48x38	-	66x54	74x60	

CLASS 600

FULL BORE									
SIZE	inch	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
	mm	6	10	15	20	25	32	40	50
A	inch	-	-	6.49	7.51	8.50	-	9.48	11.5
	mm	-	-	165	191	216	-	241	292
B Open	inch	-	-	5.82	6.49	7.08	-	9.76	10.1
	mm	-	-	148	165	180	-	248	257
C	inch	-	-	0.51	0.68	0.88	-	1.37	1.79
	mm	-	-	13	17.5	22.5	-	35	45.5
Handwheel	inch	-	-	3.14	3.14	4.33	-	5.11	7.08
	mm	-	-	80	80	110	-	130	180
WEIGHT	lb	-	-	9.9	12.1	16.7	-	33.0	46.2
	kg	-	-	4.5	5.5	7.6	-	15	21
FIGURE	D66F								
PACKING	-	-	T2	T3	T5	-	T6	T27	
GASKET	-	-	40x30	40x30	48x38	-	66x54	74x60	

REDUCED BORE									
SIZE	inch	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
	mm	6	10	15	20	25	32	40	50
A	inch	-	-	6.49	7.51	8.50	-	9.48	11.5
	mm	-	-	165	191	216	-	241	292
B Open	inch	-	-	6.10	6.88	8.66	-	11.0	13.78
	mm	-	-	155	175	220	-	280	350
C	inch	-	-	0.35	0.51	0.69	-	1.16	1.37
	mm	-	-	9	13	17.5	-	29.5	35
Handwheel	inch	-	-	3.14	3.14	5.11	-	7.08	7.08
	mm	-	-	80	80	130	-	180	180
WEIGHT	lb	-	-	10.3	13.2	25.7	-	38.3	50.6
	kg	-	-	4.7	6	11.7	-	17.4	23
FIGURE	D6F								
PACKING	-	-	T2	T3	T5	-	T6	T27	
GASKET	-	-	40x30	40x30	48x38	-	66x54	74x60	

CHECK VALVES



Design construction:

BS 5352

Testing according to API 598 - BS 6755

Marking MSS SP25

Outside Screw and Yoke (OS&Y)

Self aligning packing gland in two parts

Spiral-wound gasket retained type Integral backseat

Integral flanged ends to ANSI B16.5

End - To - End dimensions to ASME B16.10

Butt Welding Ends to ANSI B.16.25

CLASS 150

BOLTED BONNET - Threaded and Socket Weld Ends

SIZE	inch	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
	mm	6	10	15	20	25	32	40	50
A	inch	-	-	4.25	4.64	5.00	-	6.49	7.99
	mm	-	-	108	118	127	-	165	203
B	inch	-	-	2.95	3.62	3.85	-	3.85	4.33
	mm	-	-	75	92	98	-	98	110
C	Piston - Ball	inch	-	0.35	0.51	0.69	-	1.16	1.37
		mm	-	9	13	17.5	-	29.5	35
C	Swing	inch	-	0.38	0.55	0.70	-	1.18	1.45
		mm	-	9.6	14	18	-	30	37
Weight	Piston - Ball	Lb	-	6.4	7.0	9.5	-	14.3	31.9
		Kg	-	2.9	3.2	4.3	-	6.5	14.5
Weight	Swing	lb	-	6.4	7.0	9.5	-	14.3	31.9
		kg	-	2.9	3.2	4.3	-	6.5	14.5
FIGURE	Piston	PIF							
	Ball	CIF							
	Swing	BIF							
GASKET		-	-	40x30	40x30	48x38	-	66x54	74x60

CLASS 300

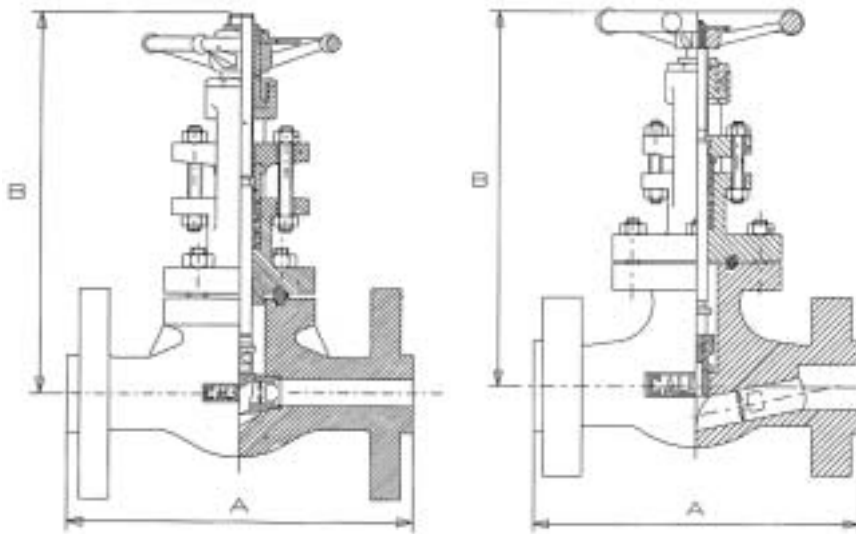
BOLTED BONNET - Threaded and Socket Weld Ends

SIZE	inch	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
	mm	6	10	15	20	25	32	40	50
A	Piston - Ball	inch	-	-	6.02	7.00	7.99	-	9.01
		mm	-	-	153	178	203	-	229
A	Swing	inch	-	-	6.02	7.00	8.50	-	9.48
		mm	-	-	153	178	216	-	241
B	inch	-	-	2.08	2.36	2.87	-	3.85	4.33
	mm	-	-	53	60	73	-	98	110
C	Piston - Ball	inch	-	-	0.35	0.51	0.69	-	1.16
		mm	-	-	9	13	17.5	-	29.5
C	Swing	inch	-	-	0.38	0.55	0.70	-	1.18
		mm	-	-	9.6	14	18	-	30
Weight	Piston - Ball	Lb	-	-	7.9	9.2	13.2	-	26.4
		Kg	-	-	3.6	4.2	6	-	12
Weight	Swing	lb	-	-	7.9	9.2	13.4	-	28.6
		kg	-	-	3.6	4.2	6.1	-	13
FIGURE	Piston	P3F							
	Ball	C3F							
	Swing	B3F							
GASKET		-	-	40x30	40x30	48x38	-	66x54	74x60

CLASS 600

BOLTED BONNET - Threaded and Socket Weld Ends

SIZE	inch	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
	mm	6	10	15	20	25	32	40	50
A	inch	-	-	6.49	7.51	8.50	-	9.48	11.5
	mm	-	-	165	191	216	-	241	292
B	inch	-	-	2.08	2.36	2.87	-	3.85	4.33
	mm	-	-	53	60	73	-	98	110
C	Piston - Ball	inch	-	-	0.35	0.51	0.69	-	1.16
		mm	-	-	9	13	17.5	-	29.5
C	Swing	inch	-	-	0.38	0.55	0.70	-	1.18
		mm	-	-	9.6	14	18	-	30
Weight	Piston - Ball	Lb	-	-	9.0	10.4	13.8	-	28.6
		Kg	-	-	4.1	4.7	6.3	-	13
Weight	Swing	lb	-	-	9.0	10.4	13.8	-	28.6
		kg	-	-	4.1	4.7	6.3	-	13
FIGURE	Piston	P6F							
	Ball	C6F							
	Swing	B6F							
GASKET		-	-	40x30	40x30	48x38	-	66x54	74x60



Design construction:
 BS 5352
 ASME B16.34
 Testing according to API 598 - BS 6755
 Marking MSS SP25

Outside Screw and Yoke (OS&Y)
 Self aligning packing gland
 Oval ring-joint gasket retained type Integral backseat
 Integral flanged ends to ANSI B16.5
 End - To - End dimensions to ASME B16.10
 Butt Welding Ends to ANSI B.16.25
 Ring - Joint Gasket to ANSI B16.20 - API 6A

GATE VALVES

CLASS 1500

FULL BORE									
SIZE	inch	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
	mm	6	10	15	20	25	32	40	50
A	inch	-	-	8.50	9.01	10.0	-	12.0	14.5
	mm	-	-	216	229	254	-	305	368
B Open	inch	-	-	10.2	11.8	11.8	-	15.3	16.5
	mm	-	-	260	300	300	-	390	420
C	inch	-	-	0.55	0.70	0.94	-	1.45	1.89
	mm	-	-	14	18	24	-	37	48
Handwheel	inch	-	-	4.33	5.11	5.11	-	9.84	11.8
	mm	-	-	110	130	130	-	250	300
WEIGHT	lb	-	-	24.2	35.2	41.8	-	77.1	130.0
	kg	-	-	11	16	19	-	35	59
FIGURE	RJ S1515F								
PACKING	-	-	T5	T6	T6	-	T8	T918	
GASKET	-	-	RJ-13	RJ-16	RJ-17	-	RJ-21	RJ-24	

GLOBE VALVES

CLASS 1500

FULL BORE									
SIZE	inch	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
	mm	6	10	15	20	25	32	40	50
A	inch	-	-	8.50	9.01	10.0	-	12.0	14.5
	mm	-	-	216	229	254	-	305	368
B Open	inch	-	-	10.2	11.8	11.8	-	15.3	16.5
	mm	-	-	260	300	300	-	390	420
C	inch	-	-	0.51	0.67	0.83	-	1.30	1.48
	mm	-	-	13	17	21	-	33	37.5
Handwheel	inch	-	-	4.33	5.11	5.11	-	9.84	11.8
	mm	-	-	110	130	130	-	250	300
WEIGHT	lb	-	-	24.2	35.2	42.9	-	74.8	134.3
	kg	-	-	11	16	19.5	-	34	61
FIGURE	RJ D1515F								
PACKING	-	-	T5	T6	T6	-	T8	T918	
GASKET	-	-	RJ-13	RJ-16	RJ-17	-	RJ-21	RJ-23	

CLASS 2500

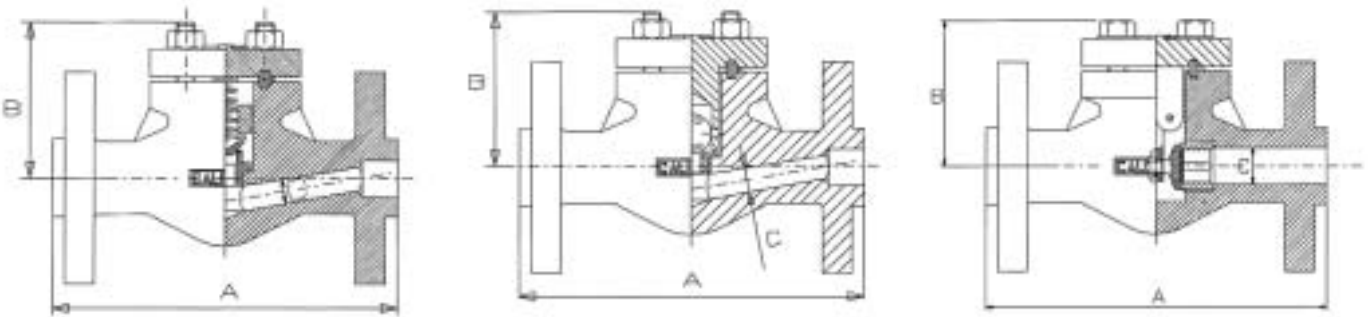
FULL BORE									
SIZE	inch	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
	mm	6	10	15	20	25	32	40	50
A	inch	-	-	10.4	10.7	12.1	-	15.1	17.7
	mm	-	-	264	273	308	-	384	451
B Open	inch	-	-	11.9	12.4	14.5	-	17.5	22.2
	mm	-	-	304	315	368	-	445	538
C	inch	-	-	0.55	0.70	0.94	-	1.45	1.45
	mm	-	-	14	18	24	-	37	37
Handwheel	inch	-	-	5.11	5.11	9.84	-	11.8	11.8
	mm	-	-	130	130	250	-	300	300
WEIGHT	lb	-	-	41.8	46.2	88.1	-	136.5	202.6
	kg	-	-	19	21	40	-	62	92
FIGURE	RJ S25F								
PACKING	-	-	T25X	T6X	T8X	-	T2528X	T2528X	
GASKET	-	-	RJ-13	RJ-16	RJ-17	-	RJ-21	RJ-23	

CLASS 2500

FULL BORE									
SIZE	inch	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
	mm	6	10	15	20	25	32	40	50
A	inch	-	-	10.4	10.7	12.1	-	15.1	17.7
	mm	-	-	264	273	308	-	384	451
B Open	inch	-	-	13.0	13.0	14.5	-	17.1	22.4
	mm	-	-	332	332	370	-	435	570
C	inch	-	-	0.43	0.67	0.83	-	1.30	1.48
	mm	-	-	11	17	21	-	33	37.5
Handwheel	inch	-	-	5.11	5.11	9.84	-	11.8	11.8
	mm	-	-	130	130	250	-	300	300
WEIGHT	lb	-	-	9.9	15.6	16.7	-	37.8	79.5
	kg	-	-	4.5	7.1	7.6	-	17.1	36
FIGURE	RJ D25F								
PACKING	-	-	T6X	T6X	T8X	-	T2528X	T2528X	
GASKET	-	-	RJ-16	RJ-16	RJ-17	-	RJ-21	RJ-23	

Design construction:
BS 5352
Testing according to API 598 - BS 6755
Marking MSS SP25

Outside Screw and Yoke (OS&Y)
Self aligning packing gland
Oval ring-joint gasket retained type Integral backseat
Integral flanged ends to ANSI B16.5
End - To - End dimensions to ANSI B16.10
Butt Welding Ends to ANSI B.16.25
Ring - Joint Gasket to ANSI B16.20 - API 6A



CHECK VALVES

CLASS 1500

BOLTED BONNET - Threaded and Socket Weld Ends									
SIZE	inch	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
	mm	6	10	15	20	25	32	40	50
A	inch	-	-	8.50	9.01	10.0	-	12.0	14.5
	mm	-	-	216	229	254	-	305	368
B	inch	-	-	5.11	5.51	6.10	-	6.69	7.67
	mm	-	-	130	140	155	-	170	195
C	Piston - Ball	inch	-	0.51	0.67	0.83	-	1.30	1.48
		mm	-	13	17	21	-	33	37.5
C	Swing	inch	-	0.55	0.70	0.94	-	1.45	1.89
		mm	-	14	18	24	-	37	48
Weight	Piston - Ball	Lb	-	17.6	30.8	37.5	-	61.6	81.4
		Kg	-	8	14	17	-	28	37
Weight	Swing	lb	-	17.1	30.4	36.3	-	59.5	77.1
		kg	-	7.8	13.8	16.5	-	27	35
FIGURE	Piston	RJ P1515F							
	Ball	RJ C1515F							
	Swing	RJ B1515F							
GASKET		-	-	RJ-13	RJ-16	RJ-17	-	RJ-21	RJ-23

CLASS 2500

BOLTED BONNET - Threaded and Socket Weld Ends									
SIZE	inch	1/4	3/8	1/2	3/4	1	1.1/4	1.1/2	2
	mm	6	10	15	20	25	32	40	50
A	inch	-	-	10.4	10.7	12.1	-	15.1	17.7
	mm	-	-	264	273	308	-	384	451
B	inch	-	-	6.10	6.10	6.69	-	9.64	10.23
	mm	-	-	155	155	170	-	245	260
C	inch	-	-	0.43	0.67	0.83	-	1.30	1.48
	mm	-	-	11	17	21	-	33	37.5
Weight	Lb	-	-	37.5	46.2	61.6	-	127.7	187.2
	Kg	-	-	17	21	28	-	58	85
FIGURE	Piston	RJ P25F							
	Ball	RJ C25F							
GASKET		-	-	RJ-16	RJ-16	RJ-17	-	RJ-21	RJ-21