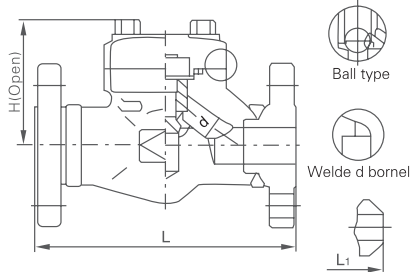


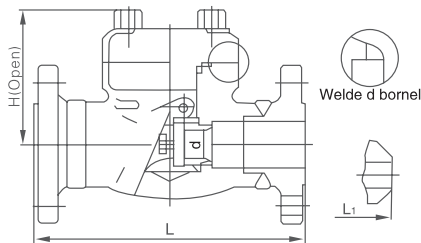
Forged Steel Check Valves

Flange and butt-welded check valves



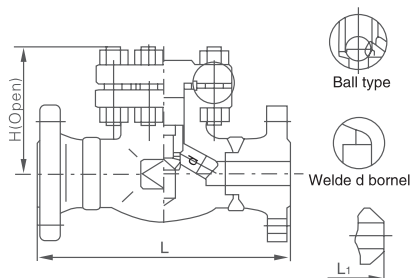
CL150-300-600 Bolted bonnet, full port
Flange-welded or butt-welded ends; design to BS5352

Specification(NPS)	R.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	
Face to face	CL150	L(RF)	-	-	108	118	127	140	165	203
	CL300	L1(BW)	-	-	153	178	203	216	229	267
	CL600		-	-	165	191	216	229	241	292
Height	CL150	H	-	-	77	81	93	95	103	118
	CL300/60		-	-	61	78	84	101	120	133
Height(angled in dimension)	d	-	-	10	13	17.5	23	30	35	
Weight (kg)	CL150	RF	-	-	3.6	4.6	8.5	9.2	12.5	14.8
		BW	-	-	3.0	3.6	7.6	8.5	11.3	13.6
	CL300	RF	-	-	3.7	4.8	8.8	9.6	13.7	17.8
		BW	-	-	3.2	4.3	8.0	8.6	12.7	16.2
	CL600	RF	-	-	4.0	5.8	9.5	10.4	15.6	24.5
		BW	-	-	3.4	5.1	8.8	9.2	14.8	22.5



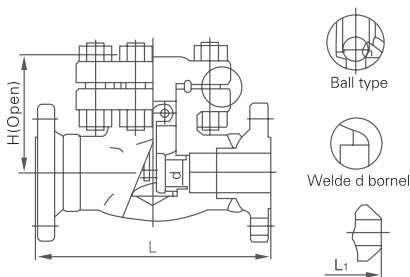
CL150-300-600 Bolted bonnet, full port
Flange-welded or butt-welded ends; design to BS5352

Specification(NPS)	R.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	
Face to face	CL150	L(RF)	-	-	108	118	127	140	165	203
	CL300	L1(BW)	-	-	153	178	203	216	229	267
	CL600		-	-	165	191	216	229	241	292
Height	CL150	H	-	-	77	81	93	95	103	118
	CL300/60		-	-	61	78	84	101	120	133
Height(angled in dimension)	d	-	-	10.5	13.5	18	24	29	36.5	
Weight (kg)	CL150	RF	-	-	3.6	4.6	8.5	9.2	12.5	14.8
		BW	-	-	3.0	3.6	8.6	8.5	11.3	13.6
	CL300	RF	-	-	3.7	4.8	8.8	9.6	13.7	17.8
		BW	-	-	3.2	4.3	8.0	8.6	12.7	16.2
	CL600	RF	-	-	4.0	5.8	9.5	10.4	15.6	24.5
		BW	-	-	3.4	5.1	8.8	9.2	14.8	22.5



CL150-300-600 Bolted bonnet, reducing port
Flange-welded or butt-welded ends; design to BS5352

Specification(NPS)	R.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	
Face to face	CL150	L(RF)	-	-	108	118	127	140	165	203
	CL300	L1(BW)	-	-	153	178	203	216	229	267
	CL600		-	-	165	191	216	229	241	292
Height	CL150	H	-	-	77	81	93	95	103	118
	CL300/60		-	-	61	78	84	101	120	133
Height(angled in dimension)	d	-	-	10	13	17.5	23	30	35	
Weight (kg)	CL150	RF	-	-	3.2	3.5	4.6	5.2	7.0	16
		BW	-	-	2.8	3.0	4.0	4.6	6.3	15
	CL300	RF	-	-	4.6	6.1	9.1	12	16	21
		BW	-	-	4.1	5.7	8.4	11.2	14.5	19.5
	CL600	RF	-	-	4.8	6.3	9.3	13	16.5	22
		BW	-	-	4.4	5.9	8.7	12.1	15.8	20.8



CL150-300-600 Bolted bonnet, reducing port
Flange-welded or butt-welded ends; design to BS5352

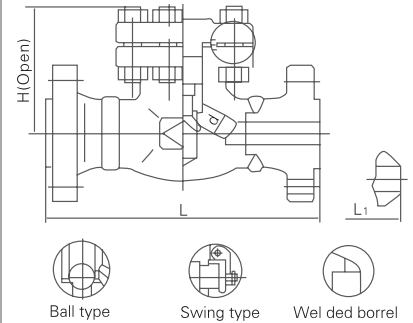
Specification(NPS)	R.P	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	
Face to face	CL150	L(RF)	-	-	108	118	127	140	165	203
	CL300	L1(BW)	-	-	153	178	203	216	229	267
	CL600		-	-	165	191	216	229	241	292
Height	CL150	H	-	-	77	81	93	95	103	118
	CL300/60		-	-	61	78	84	101	120	133
Height(angled in dimension)	d	-	-	10.5	13.5	18	24	29	36.5	
Weight (kg)	CL150	RF	-	-	3.6	4.6	8.5	9.2	12.5	14.8
		BW	-	-	3.0	3.6	8.6	8.5	11.3	13.6
	CL300	RF	-	-	3.7	4.8	8.8	9.6	13.7	17.8
		BW	-	-	3.2	4.3	8.0	8.6	12.7	16.2
	CL600	RF	-	-	4.0	5.8	9.5	10.4	15.6	24.5
		BW	-	-	3.4	5.1	8.8	9.2	14.8	22.5

Forged Steel Check Valves

Flange and butt-welded check valves

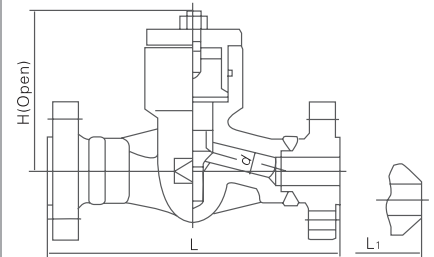
CL900-CL1500 Bolted bonnet, full port Flange-welded or butt-welded ends; design to BS5352

Specification(NPS)	F.P	1/2	3/4	1	1 1/4	1 1/2	2	
Face to face	L(RJ)	216	229	254	280	305	371	
	L1(BW)							
Height	H	81	93	95	101	118	130	
Height (angle dimension)	d	Lift	12	15	20	28	32	40
		Swing	13.5	18	24	29	36.5	45
Weight(kg)	Lift	5.2	6.8	10.5	28	18	24	
	Swing	5.0	6.1	10.8	29	17.6	27	



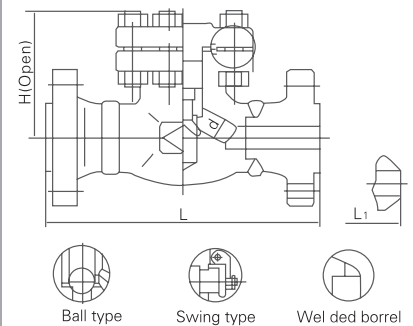
CL900-CL1500 Pressure seal, bolted bonnet, full port and reducing port Flange-welded or butt-welded ends; design to BS5352

Specification(NPS)	F.P	3/8	1/2	3/4	1	1 1/4	1 1/2	2
Face to face	L(RF), L1(BW)	-	216	229	254	280	305	268
	L(RTJ)	-	216	229	254	280	305	371
Height	H	-	117	117	117	152	152	195
Height (angle dimension)	d	-	12	15	20	28	32	40
Weight(kg)		-	10.5	11.9	13.9	19.9	26.9	32.5



CL2500 Bolted bonnet, full port Flange-welded or butt-welded ends; design to ASME B16.34

Specification(NPS)	F.P	1/2	3/4	1	1 1/4	1 1/2	2	
Face to face	L(RF), L1(BW)	264	273	308	349	384	450	
	L(RTJ)	264	273	308	352	387	454	
Height	H	81	93	95	101	118	130	
Height (angle dimension)	d	Lift	12	15	20	28	32	40
		Swing	10.5	13.5	18	24	29	36.5
Weight(kg)	Lift	17	21	28	14.5	58	85	
	Swing	5.0	6.1	10.8	11.2	17.6	27	



CL2500 Pressure seal, bolted bonnet, full port and reducing port Flange-welded or butt-welded ends; design to ASME B16.34

Specification(NPS)	F.P	3/8	1/2	3/4	1	1 1/4	1 1/2	2
Face to face	L(RF), L1(BW)		264	273	308	349	384	450
	L(RTJ)		264	273	308	352	387	454
Height	H		117	117	117	152	152	195
Height (angle dimension)	d		12	15	20	32	28	40
Weight(kg)			12.6	14.9	16.5	24.8	30	35

