



NINGBO VALVE FACTORY

Forged Steel Valve



Since Professional We Can Do Better

COMPANY PROFILE

Ningbo Valve Factory was founded as a valve manufacturer in 1959, Geographically, it is located in Ningbo, a seaport at the Delta area of Yangtze River, East China Sea. It takes us around 15 minutes by flight or 3 hours by bus from Shanghai to Ningbo. Company now covers an area over 30, 000 square meters and there are around 250 people at work.

Valve Production and Design

For decades we have been exploring our own valve engineering and learning other new techniques and designs in use we discovered all over the world, so far, we have succeeded a lot, some valves manufactured in our company have already equaled even exceeded the technical standard in western industrialized countries. To make sure product quality and delivery, we give tight control to the whole valve production from material selection, primary processing such as forging and casting, heat treatment, forming and so forth to final finishing processes.

How are we working with overseas customers?

We are committed to supply outstanding and professional services directly to intended customers all around the world, to delight our customers through our promise to continuous improvement in the design, engineering, and manufacture of products that set the standard for quality and value, we let partner gain from trade with NVF in the long run.

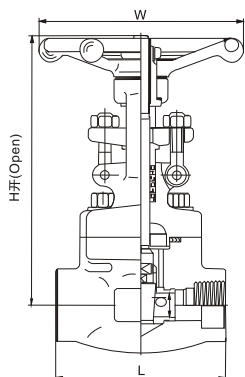
1. We are producing mechanical valves according to CAD or real sample provided by customers.
2. We design mechanical valves for customer who is able to tell us the specific application of the valves or standard that the valve should follow.
3. Selecting those valves carried in this catalogue or on our web site.

APPLICATIONS

The valve are used in a broad spectrum of market sectors, including refining, chemical processing, power generation, marine, pulp and paper, petroleum production, and gas processing.

Applications include process liquids, process gases, flue gas, cryogenics, steam, condensate, petroleum products, thermal fluid, and water.

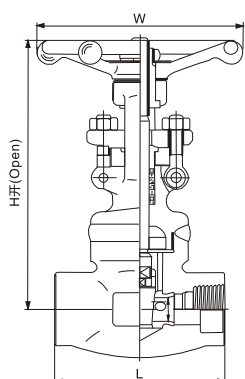




Bolted bonnet, full port reducing port outside screw and yoke(OS&Y)
Threaded, butt-welded or socket welded ends design to API602
(OS&Y)API 602

CL800

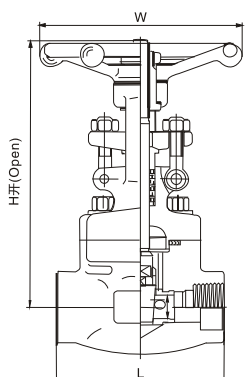
Specification (NPS)	R.P	-	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
Face to face (mm)	L	79	79	92	111	120	120	140	178	180
Handwheel diameter (mm)	W	100	100	100	125	160	160	180	200	220
Height (mm)	H	161	161	163	196	223	251	290	333	370
Flow port dimension (mm)	d	8	10.5	13.5	18	24	29	36.5	45	51
Weight (KG)		2.22	2.3	2.39	4.24	5.7	7.05	10.9	16.8	24



Welded bonnet, full port reducing port outside screw and yoke(OS&Y)
Threaded, butt-welded or socket welded ends design to API602(OS&Y)API 602

CL800

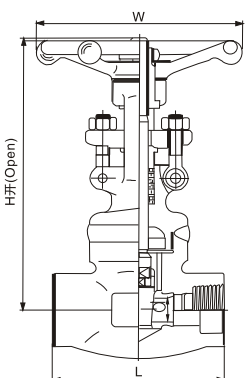
Specification 规格(NPS)	R.P	-	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
Face to face (mm)	L	79	79	92	111	120	120	140	178	180
Handwheel diameter (mm)	W	100	100	100	125	160	160	180	200	220
Height (mm)	H	161	161	163	196	223	251	290	333	370
Flow port dimension (mm)	d	8	10.5	13.5	18	24	29	36.5	45	51
Weight (KG)		1.9	1.9	2.1	3.2	5.2	6.9	10.4	15.8	22



Bolted bonnet, full port reducing port outside screw and yoke(OS&Y)
Threaded, butt-welded or socket welded ends design to API602
(OS&Y)API 602

CL900-CL1500

Specification (NPS)	R.P	-	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
Face to face (mm)	L	92	111	111	120	120	140	178	180	-
Handwheel diameter (mm)	W	100	125	125	160	160	180	200	220	-
Height (mm)	H	191	191	192	219	243	296	316	370	-
Flow port dimension (mm)	d	8	10.5	13.5	18	24	29	36.5	45	-
Weight (KG)		2.4	4.3	4.4	6	7.2	11.4	16	23	-

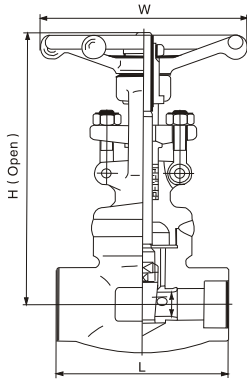


Welded bonnet, full port reducing port outside screw and yoke(OS&Y)
Threaded, butt-welded or socket welded ends design to API602
(OS&Y)API 602

CL900-CL1500

Specification (NPS)	R.P	-	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
Face to face (mm)	L	92	111	111	120	120	140	178	180	-
Handwheel diameter (mm)	W	100	125	125	160	160	160	200	220	-
Height (mm)	H	171	207	207	240	258	330	355	370	-
Flow port dimension (mm)	d	8	10.5	13.5	18	24	29	36.5	45	-
Weight (KG)		2.3	4	4	4.8	7.1	11	16	22.8	-

Welded bonnet, full port outside screw and yoke(OS&Y)
Socket welded ends, design conform to ASME B 16.34
(OS&Y) ASME B 16.34

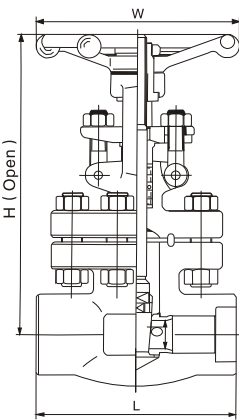


CL2500

Specification (NPS)		1/4	3/8	1/2	3/4	1	1 ¹ / ₄	2	
Specification (mm)	L		111	120	120	120	140		
Handwheel diameter (mm)	W		125	160	160	180	220		
Height (mm)	H		215	218	220	238	281		
Flow port dimension (mm)	d		14	14	14	19	25		
Weight (kg)			7	8.5	8.7	11.7	17		

Bolted bonnet, full port outside screw and yoke(OS&Y)
Socket welded ends, design conform to ASME B 16.34
(OS&Y) ASME B 16.34

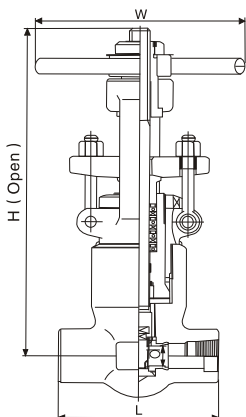
CL1500-CL2500



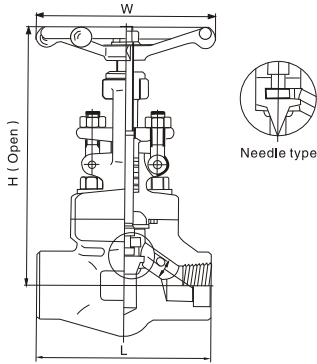
Specification (NPS)	R.P		1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
Specification (mm)	L	CL1500	110	150	150		210	235	
		CL2500	150	150	210		235	235	
Handwheel diameter (mm)	W	CL1500	110	130	130		180	250	
		CL2500	130	130	250		300	300	
Height (mm)	H	CL1500	277	300	390		400	435	
		CL2500	293	300	390		435	435	
Flow port dimension (mm)	d	CL1500	14	17	22		35	37	
		CL2500	14	14	14		25	30	
Weight (kg)		CL1500	5.1	11	12.1		22	37	
		CL2500	11	11.3	22.4		38	38	

Pressure seal bonnet, full port outside screw and yoke(OS&Y)
Socket welded ends, design conform to ASME B 16.34
(OS&Y) B 16.34

CL1500-CL2500



Specification (NPS)	R.P		3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2
Specification (mm)	L	CL900~1500	140	140	140	140	178	178	216
		CL2500	186	186	186	186	232	232	279
Handwheel diameter (mm)	W	CL900~1500	200	220	220	220	280	280	300
		CL2500	220	220	220	220	280	280	300
Height (mm)	H	CL900~1500	318	318	318	322	467	468	540
		CL2500	315	315	315	320	467	468	540
Flow port dimension (mm)	d	CL900~1500	13.5	13.5	14	18	25	30	36.5
		CL2500	13.5	13.5	14	18	25	30	36.5
Weight (kg)		CL900~1500	9.5	9.5	10.8	11.5	19.6	21.0	55.4
		CL2500	10.8	11.6	12.3	12.3	26.0	28.4	60.0

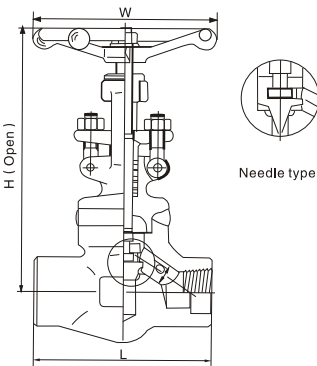


CL800

Oilted bonnet, full port reducing port outside screw and yoke(OS&Y)
Threaded, butt-welded or socket welded ends design to Bs5352
(OS&Y) Bs5352

Specification (NPS)	R.P	-	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
Face to face (mm)	L	79	79	92	111	120	152	172	200	
Handwheel diameter (mm)	W	100	100	100	125	160	160	180	200	
Height (mm)	H	161	164	164	203	224	260	300	355	
Flow port dimension (mm)	d	7	10.5	13.5	17.5	23	29	35	45	
Weight (KG)		1.9	2.37	2.37	4.3	5.75	7.8	12.5	17.5	

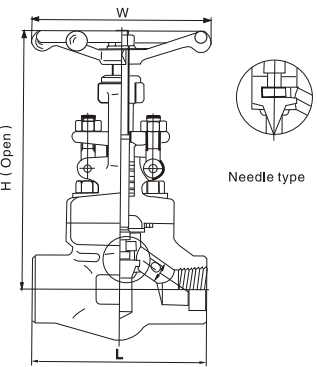
Welded bonnet, full port reducing port outside screw and yoke(OS&Y)
Threaded, butt-welded or socket welded ends design to Bs5352
(OS&Y) Bs5352



CL800

Specification (NPS)	R.P	-	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
Face to face (mm)	L	79	79	92	111	120	152	172	200	
Handwheel diameter (mm)	W	100	100	100	125	160	160	180	200	
Height (mm)	H	164	164	164	203	224	260	300	355	
Flow port dimension (mm)	d	7	10.5	13	17.5	23	29	35	45	
Weight (KG)		1.7	1.7	1.9	3.3	5.2	6.8	10.6	13.8	

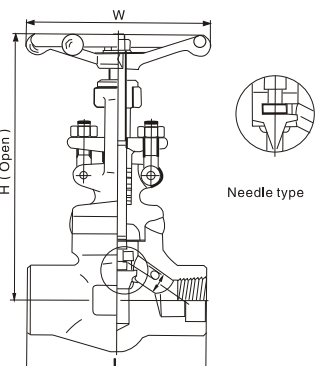
Bolted bonnet, full port reducing port outside screw and yoke(OS&Y)
Threaded, butt-welded or socket welded ends design to Bs5352
(OS&Y) Bs5352



CL900-CL1500

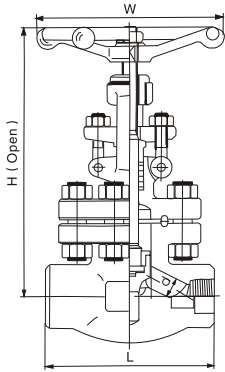
Specification (NPS)	R.P	-	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
Face to face (mm)	L	92	111	111	120	152	172	200	220	-
Handwheel diameter (mm)	W	100	125	125	160	160	180	200	220	-
Height (mm)	H	171	207	207	240	258	330	355	370	-
Flow port dimension (mm)	d	7	10.5	13.5	18	22	29	35	45	-
Weight (KG)		2.3	3.6	3.7	6.8	7.6	11.6	15	21.9	-

Welded bonnet, full port reducing port outside screw and yoke(OS&Y)
Threaded, butt-welded or socket welded ends design to Bs5352
(OS&Y) Bs5352



CL900-CL1500

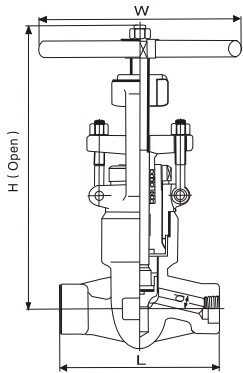
Specification (NPS)	R.P	-	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
Face to face (mm)	L	92	111	111	120	152	172	200	220	-
Handwheel diameter (mm)	W	100	125	125	160	160	180	200	220	-
Height (mm)	H	171	207	207	240	258	330	355	370	-
Flow port dimension (mm)	d		10.5	13.5	18	22	29	35	45	-
Weight (KG)		2.2	3.3	3.4	5.6	6.0	10.3	14.2	18.0	-



Bolted bonnet,full port outside screw and yoke(OS&Y)
Threaded,butt-welded or socket welded ends design to Bs5352
(RJ) (OS&Y) Bs5352

CL900-CL1500

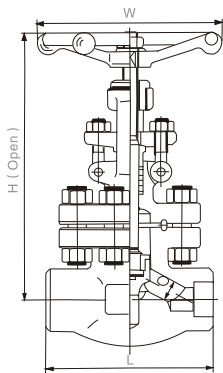
Specification (NPS)	F.P	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
Face to face (mm)	L	110	110	150	150		210	235
Handwheel diameter (mm)	W	110	110	130	180		210	250
Height (mm)	H	227	227	300	307		400	448
Flow port dimension (mm)	d	9	13.5	18	22		35	45
Weight (KG)		5	5	10	11.5		22	37



Pressure seal bonnet,full port outside screw and yoke(OS&Y)
Threaded,butt-welded or socket welded ends design to Bs5352
(OS&Y) Bs5352

CL900-CL1500

Specification (NPS)	F.P	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
Face to face (mm)	L	140	140	140	178	178	216	
Handwheel diameter (mm)	W	200	200	200	280	280	300	
Height (mm)	H	320	320	320	440	440	490	
Flow port dimension (mm)	d	13.5	18	22	29	35	45	
Weight (KG)		10.8	10.5	11.5	19.6	21.1	55.4	



Welded bonnet

Bolted bonnet,full port outside screw and yoke(OS&Y)
Socket welded ends,design conform to ASME B16.34
(RJ),(OS&Y)
ASME B16.34

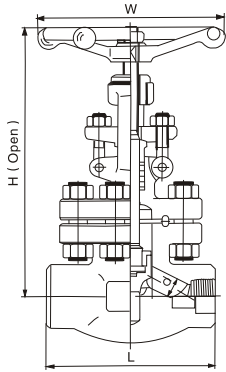
CL2500

Specification (NPS)	F.P	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
Face to face (mm)	L	150	150	210		235	235	
Handwheel diameter (mm)	W	130	130	250		300	300	
Height (mm)	H	293	300	390		435	435	
Flow port dimension (mm)	d	13.5	18	22		35	45	
Weight (KG)		10	10.3	22.4		38	38	

Pressure seal bonnet,full port outside screw and yoke(OS&Y)
Socket welded ends,design conform to ASME B16.34
(OS&Y) ASME B13.34

CL2500

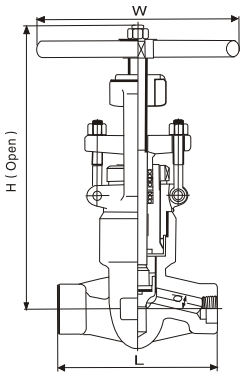
Specification (NPS)	F.P	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
Face to face (mm)	L	186	186	186	232	232	279	
Handwheel diameter (mm)	W	200	200	200	280	280	300	
Height (mm)	H	375	378	380	490	490	540	
Flow port dimension (mm)	d	13.5	18	22	29	35	45	
Weight (KG)		10.8	11.6	12.3	26.0	28.4	60	



Bolted bonnet, full port outside screw and yoke (OS&Y)
Threaded, butt-welded or socket welded ends design to Bs5352 (RJ) (OS&Y) Bs5352

CL900-CL1500

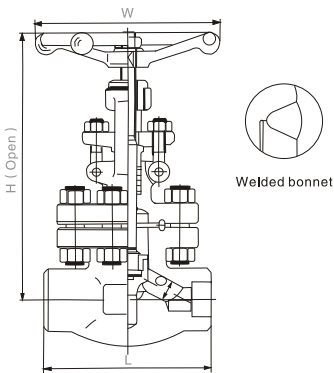
Specification (NPS)	F.P	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
Face to face (mm)	L	110	110	150	150		210	235
Handwheel diameter (mm)	W	110	110	130	180		210	250
Height (mm)	H	227	227	300	307		400	448
Flow port dimension (mm)	d	9	13.5	18	22		35	45
Weight (KG)		5	5	10	11.5		22	37



Pressure seal bonnet, full port outside screw and yoke (OS&Y)
Threaded, butt-welded or socket welded ends design to Bs5352 (OS&Y) Bs5352

CL900-CL1500

Specification (NPS)	F.P	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
Face to face (mm)	L	140	140	140	178	178	216	
Handwheel diameter (mm)	W	200	200	200	280	280	300	
Height (mm)	H	320	320	320	440	440	490	
Flow port dimension (mm)	d	13.5	18	22	29	35	45	
Weight (KG)		10.8	10.5	11.5	19.6	21.1	55.4	



Bolted bonnet, full port outside screw and yoke (OS&Y)
Socket welded ends, design conform to ASME B16.34 (RJ), (OS&Y) ASME B16.34

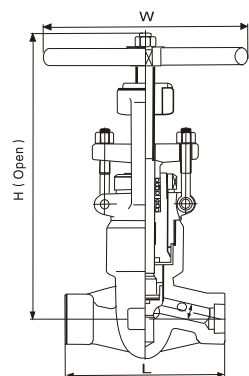
CL2500

Specification (NPS)	F.P	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
Face to face (mm)	L	150	150	210		235	235	
Handwheel diameter (mm)	W	130	130	250		300	300	
Height (mm)	H	293	300	390		435	435	
Flow port dimension (mm)	d	13.5	18	22		35	45	
Weight (KG)		10	10.3	22.4		38	38	

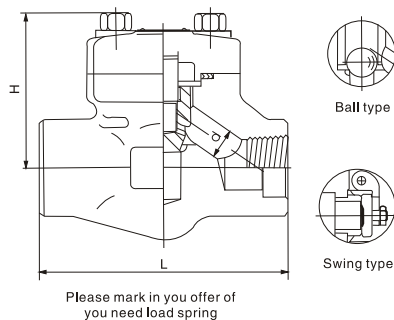
Pressure seal bonnet, full port outside screw and yoke (OS&Y)
Socket welded ends, design conform to ASME B16.34 (OS&Y) ASME B13.34

CL2500

Specification (NPS)	F.P	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
Face to face (mm)	L	186	186	186	232	232	279	
Handwheel diameter (mm)	W	200	200	200	280	280	300	
Height (mm)	H	375	378	380	490	490	540	
Flow port dimension (mm)	d	13.5	18	22	29	35	45	
Weight (KG)		10.8	11.6	12.3	26.0	28.4	60	



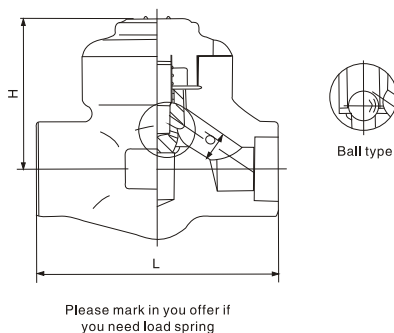
Bolted bonnet, full port and reducing port
Threaded, butt-welded or socket welded ends; design to Bs5352
Bs5352



CL800

Specification (NPS)	R.P		1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2		
	F.P		1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	
Face to face (mm)	L	Lift	79	79	92	111	120	152	172	200
		Swing	79	79	92	111	120	120	140	178
Height (mm)	H	Lift	61	61	61	78	84	84	118	132
		Swing	61	61	61	78	84	84	120	133
Flow port dimension (mm)	d	Lift	7	9	13	17.5	23	30	35	46
		Swing	8	10.5	13.5	18	22	29	35	45
Weight (kg)		Lift	1.2	1.5	1.7	3.3	4.2	4.2	10.5	12.5
		Swing	1.4	1.5	1.7	3.3	4.2	4.2	8.5	10.9

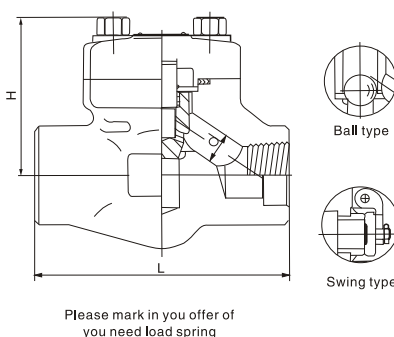
Welded bonnet, full port and reducing port
Threaded, butt-welded or socket welded ends; design to Bs5352
Bs5352



CL800

Specification (NPS)	R.P		1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	
	F.P		1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	
Face to face (mm)	L		79	79	92	111	120	152	172	200
Height (mm)	H		65	65	61	78	84	103	118	132
Flow port dimension (mm)	d		7	10.5	13.5	17.5	23	30	35	46
Weight (kg)			1.2	1.3	1.5	3.0	3.9	6.0	10	12

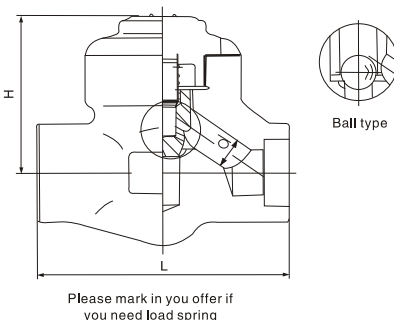
Bolted bonnet, full port and reducing port
Threaded, butt-welded or socket welded ends; design to Bs5352
Bs5352



CL900-CL1500

Specification (NPS)	R.P		1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2		
	F.P		1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	
Face to face (mm)	L	Lift	92	111	111	120	152	172	200	
		Swing	92	111	111	120	120	140	178	
Height (mm)	H	Lift	61	78	78	84	103	118	132	
		Swing	61	78	78	84	101	120	133	
Flow port dimension (mm)	d	Lift	7	13.5	18	22	28	35	45	
		Swing	8	10.5	13.5	18	24	29	48.5	
Weight (kg)		Lift	1.5	3.4	3.3	4.2	6.3	10.5	12.5	
		Swing	1.5	3.3	3.4	4.2	5.0	8.5	10.9	

Welded bonnet, full port and reducing port
Threaded, butt-welded or socket welded ends; design to Bs5352
BS5352

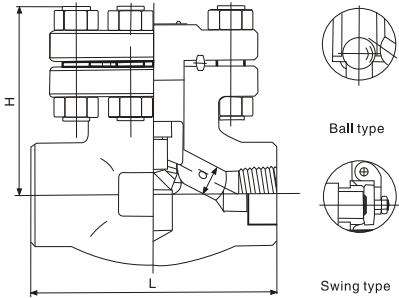


CL900-CL1500

Specification (NPS)	R.P		1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
	F.P		1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂
Face to face (mm)	L		92	111	111	120	152	172	200
Height (mm)	H		61	78	78	84	103	118	132
Flow port dimension (mm)	d		7	13.5	18	22	29	35	45
Weight (kg)			1.3	3.1	3.1	3.9	5.8	10.0	11.5

Bolted bonnet, full port and reducing port
Threaded, butt-welded or socket welded ends; design to Bs5352
Bs5352

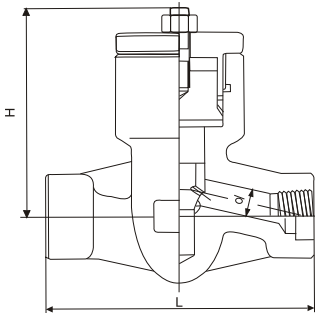
CL900-CL1500



Specification (NPS)	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	
Face to face (mm)	L	110	110	110	110	150	150	210	235	
Height (mm)	H	166	166	171	207	240	258	330	355	
Flow port dimension (mm)	d	Lift	9	10	10.5	13.5	18	22	29	35
	Swing	8	10.5	13.5	18	24	29	35	45	
Weight (Kg)		2	2.1	1.9	4	5.1	7.2	12.1	14	
	Swing	1.9	2.3	2.3	4.35	5.25	7.8	12.5	14.6	

Pressure seal bonnet, full port and reducing port
Threaded, butt-welded or socket welded ends; design to Bs5352
Bs5352

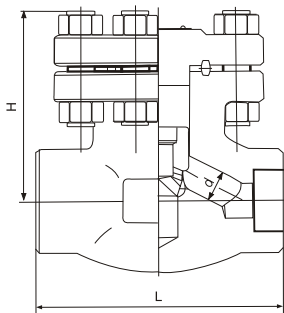
CL900-CL1500



Specification (NPS)	R.P	-	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3
	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂
Face to face (mm)	L		140	140	140	178	216	216		
Height (mm)	H		117	117	117	152	195	195		
Flow port dimension (mm)	d		10.5	13.5	18	23	29	35		
Weight (Kg)			6.8	7.0	7.5	18.5	20.3	22		

Bulted bonnet, full port
Threaded, butt-welded or socket welded ends; design to ASMEB16.34
ASMEB16.34

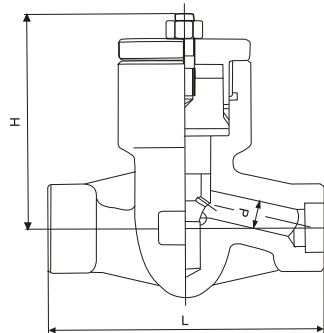
CL2500



Specification (NPS)	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2
Face to face (mm)	L	150	150	150	150	210	235	235	235
Height (mm)	H	166	166	171	207	240	258	330	355
Flow port dimension (mm)	d	7.5	10.5	13.5	18	22	29	35	45
Weight (Kg)		11.9	12.3	17	46	62	73	58	85

Pressure seal bonnet, full port
Threaded, butt-welded or socket welded ends; design to ASMEB16.34
ASMEB16.34

CL2500



Specification (NPS)	F.P	1/4	3/8	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2
Face to face (mm)	L			186	186	186	232	232	279
Height (mm)	H			117	117	117	152	152	195
Flow port dimension (mm)	d			13.5	18	22	29	35	45
Weight (Kg)				10.5	11	11.8	23	26.4	39