



BONNEY FORGE

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PRICE SCHEDULE FSV-832

Effective August 1, 2021

Subject to change without notice.

Forged Steel Valves





BONNEYFORGE

ALLOY & STAINLESS FORGED STEEL VALVES

The following listed valves are available on application in: F316 Body and Bonnet, Trim F316 S.S. - F316L Body and Bonnet, Trim F316L S.S. - 5% Cr., 1/2 Moly Steel, (F5) Body and Bonnet, Trim 13% Cr., S.S. (F6) H.F.S. - 1 1/4% Cr., 1/2 Moly Steel, (F11) Body and Bonnet, Trim 13% Cr., S.S. (F6) H.F.S. - 2 1/4% Cr., 1 Moly Steel, (F22) Body and Bonnet, Trim 13% Cr., S.S. (F6) H.F.S.

GATE VALVE

- Class 800 - Bolted Bonnet or Seal Welded Bonnet
Bolted Gland - O.S.&Y.
VALVOLET®
 - Female End - Threaded or Socket Weld
 - Male End - Extended WELDOLET or Lip End
- Extended Body - Welded Bonnet - O.S.&Y.
- Extended Bonnet - Bolted Gland - O.S.&Y.
- Cryogenic Service or Bellows Sealed
- Class 1500 - Bolted Bonnet - Bolted Gland - O.S.&Y.
- Class 150-300-600-1500-2500 - Integral Flanged Ends
Bolted Bonnet - Bolted Gland - O.S.&Y.

GLOBE VALVE

- Class 800 - Bolted Bonnet or Seal Welded Bonnet - Bolted Gland - O.S.&Y.
Typical or Seal Welded Bonnet "Y" Pattern configuration
 - Extended Bonnet - Bolted Gland - O.S.&Y.
 - Cryogenic Service or Bellows Sealed
- Class 1500 - Bolted Bonnet - Bolted Gland - O.S.&Y.
Typical or Seal Welded Bonnet "Y" Pattern configuration
- Class 2500 - Seal Welded Bonnet - Bolted Gland O.S.&Y.
Typical or Seal Welded Bonnet "Y" Pattern configuration
- Class 150-300-600-1500-2500 - Integral Flanged Ends
Bolted Bonnet - Bolted Gland - O.S.&Y.

PISTON CHECK VALVE

- Class 800 - Bolted Cap or Seal Welded Cap
Typical or Seal Welded Cap "Y" Pattern configuration
- Class 1500 - Bolted Cap
- Class 2500 - Seal Welded Cap
- Class 150-300-600-1500-2500 - Integral Flanged Ends
Bolted Cap

BALL CHECK VALVE

- Class 800 - Bolted Cap or Seal Welded Cap
- Class 1500 - Bolted Cap
- Class 150-300-600-1500-2500 - Integral Flanged Ends
Bolted Cap

SWING CHECK VALVE

- Class 800 - Bolted Cap
- Class 1500 - Bolted Cap
- Class 150-300-600-1500-2500 - Integral Flanged Ends
Bolted Cap

Unless otherwise noted, the above Valves have Threaded or Socket Weld Ends and are available in Standard or Full Port.

*Class 1500 Y Pattern is rated class 1690

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MINIMUM ORDER CHARGE – \$50.00

TERMS - 1% 10-25th net 30 days. Subject to change without notice.

FREIGHT POLICY - All prices and shipments are FCA plant of manufacture. Our responsibility ceases after we make delivery to the carrier. Claims for damages, loss or delay in transit should be made to the carrier. Full freight will be allowed on individual orders of 1500# or more. Individual orders totaling less than 1500# are not subject to freight allowance. Allowances are based on lowest published rates for rail or motor freight to all rail points or highway points listed in published tariffs. Freight allowances do not include delivery to building sites beyond these rail or highway points. Whenever a buyer specifies a more expensive method of shipment, the difference in transportation cost is for buyer's account.

Alternate body-trim material or construction other than those listed are priced on application.

Full stellite, special packaging, gaskets or flange facing are priced on application.

IFC = Inside front cover

BC = Back cover

Bonney Forge reserves the right to quote material combinations different than those listed here. The chart below lists the standard body trim material combinations, usually available from Bonney Forge Valve. "S" indicates standard, alternate materials are available on request.

STANDARD BODY-TRIM MATERIALS

Valve Type	Base Material	Manuf.	Body	Trim			Gasket (2)	Packing (3)	Bolting (4)	
				Disc.	Seat (1)	Stem			Body (5)	Packing (5)
800# - 1500# BOLTED BONNET	Carbon Steel	S	A 105	13 Cr.	13 Cr. HF	13 Cr.	316L + Graphite	Graphite	B7 (2H)	B6
	Low Temp. Steel	S	LF2	F316	F316 HF	F316	316L + Graphite	Graphite	L7M (G8)	B8/G8
	Alloy Steel	S	F5-F11 F22-F9	13 Cr.	13 Cr. HF	13 Cr.	316L + Graphite	Graphite	B16 (2H)	B6 (2H)
800# WELDED BONNET	Stainless Steel	S	F304 F304L F316 F316L	304 304L 316 316L	304 HF 304L HF 316 HF 316L HF	304 304L 316 316L	316L + Graphite	Graphite	B8 (G8)	B8/G8
	Carbon Steel	S	A 105	13 Cr.	13 Cr. HF	13 Cr.	316L + Graphite	Graphite	-	B6 (2H)
	Alloy Steel	S	F5-F9 F11-F12	13 Cr.	13 Cr. HF	13 Cr.	316L + Graphite	Graphite	-	B6 (2H)
1500# & 2500# WELDED BONNET	Stainless Steel	S	F304 F304L F316 F316L	304 304L 316 316L	304 HF 304L HF 316 HF 316L HF	304 304L 316 316L	316L + Graphite	Graphite	-	B8/G8

Fig. Number	Base Material	Manuf.	Body	Trim			Gasket (2)	Packing (3)	Bolting (4)	
				Disc.	Seat (1)	Stem			Body (5)	Packing (5)
BELLOWS SEALED	Carbon Steel	S	A 105	13 Cr. HF	13 Cr. HF	13 Cr.	316L + Graphite	Graphite	B7 (2H)	B6
	Stainless Steel	S	F304 F304L F316 F316L	304 HF 304L HF 316 HF 316L HF	304 HF 304L HF 316 HF 316L HF	304 304L 316 316L	316L + Graphite	Graphite	B8 (G8)	B8 (G8)
CRYOGENIC	Stainless Steel	S	F304 F304L F316 F316L	304 304L 316 316L	304 HF 304L HF 316 HF 316L HF	304 304L 316 316L	316L + Graphite	Teflon	B8 (G8)	B8 (G8)
150# & 300# FLANGED END	Carbon Steel	S	A 105	13 Cr.	13 Cr. HF	13 Cr.	316L + Graphite	Graphite	B7 (2H)	B6
	Alloy Steel	S	F5-F9 F11 F22	13 Cr.	13 Cr. HF	13 Cr.	316L + Graphite	Graphite	B16 (2H)	B6 (2H)
	Stainless Steel	S	F304 F304L F316 F316L	304 304L 316 316L	304 HF 304L HF 316 HF 316L HF	304 304L 316 316L	316L + Graphite	Graphite	B8 (G8)	B8 (G8)

(1) Symbol "HF" for stellite hard faced.
(2) All spiral-wound gaskets, metal/filler.

(3) Graphite packing and gaskets are used as standard.
(4) Symbols () refer to nuts, when used.
(5) First symbol refers to studs, second symbol to nuts.



How To ORDER

BONNEYFORGE

1. Specify Valve Size
2. Select Valve Description from Section A
3. Select Valve Type desired from Section B
4. Indicate Body/Bonnet and Trim Material from Section C
5. Select End Configuration from Section D
6. Select Special Requirement(s) from Section E
7. Specify as a Suffix String, after Section D or E, any Body/Bonnet Material, Trim Material or Special Requirements not listed below

Section A - Valve Description

H	Full Port, 800#, Bolted Bonnet
HL	Standard Port, 800#, Bolted Bonnet
W	Full Port, 800#, Welded Bonnet
WL	Standard Port, 800#, Welded Bonnet
9H	Full Port, 1500#, Bolted Bonnet
9HL	Standard Port, 1500#, Bolted Bonnet
H9R	Full Port, 1500#, RTJ Bolted Bonnet
25HR	Full Port, 2500#, RTJ Bolted Bonnet
9W	Full Port, 1500#, Welded Bonnet
9WL	Standard Port, 1500#, Welded Bonnet
25W	Full Port, 2500#, Welded Bonnet
45W	Full Port, 4500#, Welded Bonnet
Y	Full Port, 800#, Y-Pattern Body, Welded Bonnet
9Y	Full Port, 1500#, Y-Pattern Body, Welded Bonnet
1690Y	Full Port, 1690#, Y-Pattern Body, Welded Bonnet
25Y	Full Port, 2500#, Y-Pattern Body, Welded Bonnet
2680Y	Full Port, 2680#, Y-Pattern Body, Welded Bonnet
45Y	Full Port, 4500#, Y-Pattern Body, Welded Bonnet
1	150# Integral Flange, Full Port, Bolted Bonnet
3	300# Integral Flange, Full Port, Bolted Bonnet
6	600# Integral Flange, Full Port, Bolted Bonnet
15F	1500# Integral Flange, Full Port, Bolted Bonnet
25F	2500# Integral Flange, Full Port, Bolted Bonnet
L1	150# Integral Flange, Standard Port, Bolted Bonnet
L3	300# Integral Flange, Standard Port, Bolted Bonnet
L6	600# Integral Flange, Standard Port, Bolted Bonnet
C	Cryogenic, Full Port, 800#, Bolted Bonnet
CL	Cryogenic, Standard Port, 800#, Bolted Bonnet
CW	Cryogenic, Full Port, 800#, Welded Bonnet
CWL	Cryogenic, Standard Port, 800#, Welded Bonnet
9C	Cryogenic, Full Port, 1500#, Bolted Bonnet
9CL	Cryogenic, Standard Port, 1500#, Bolted Bonnet
9CW	Cryogenic, Full Port, 1500#, Welded Bonnet
9CWL	Cryogenic, Standard Port, 1500#, Welded Bonnet
1C	Cryogenic, 150# Integral Flange, Full Port, Bolted Bonnet
1CL	Cryogenic, 150# Integral Flange, Standard Port, Bolted Bonnet
1CW	Cryogenic, 150# Integral Flange, Full Port, Welded Bonnet
1CWL	Cryogenic, 150# Integral Flange, Standard Port, Welded Bonnet
3C	Cryogenic, 300# Integral Flange, Full Port, Bolted Bonnet
3CL	Cryogenic, 300# Integral Flange, Standard Port, Bolted Bonnet
3CW	Cryogenic, 300# Integral Flange, Full Port, Welded Bonnet
3CWL	Cryogenic, 300# Integral Flange, Standard Port, Welded Bonnet

Section A - Valve Description (Continued)

6C	Cryogenic, 600# Integral Flange, Full Port, Bolted Bonnet
6CL	Cryogenic, 600# Integral Flange, Standard Port, Bolted Bonnet
6CW	Cryogenic, 600# Integral Flange, Full Port, Welded Bonnet
6CWL	Cryogenic, 600# Integral Flange, Standard Port, Welded Bonnet
15CF	Cryogenic, 1500# Integral Flange, Full Port, Bolted Bonnet
15CWF	Cryogenic, 1500# Integral Flange, Full Port, Welded Bonnet
S	Bellows Sealed, Full Port, 800#, Bolted Bonnet
SL	Bellows Sealed, Standard Port, 800#, Bolted Bonnet
SHW	Bellows Sealed, Full Port, 800#, Welded Bonnet
SHWL	Bellows Sealed, Standard Port, 800#, Welded Bonnet
9S	Bellows Sealed, Full Port, 1500#, Bolted Bonnet
9SL	Bellows Sealed, Standard Port, 1500#, Bolted Bonnet
9SHW	Bellows Sealed, Full Port, 1500#, Welded Bonnet
9SHWL	Bellows Sealed, Standard Port, 1500#, Welded Bonnet
25SHW	Bellows Sealed, Full Port, 2500#, Welded Bonnet
1S	Bellows Sealed, 150# Integral Flange, Full Port, Bolted Bonnet
1SL	Bellows Sealed, 150# Integral Flange, Stand. Port, Bolted Bonnet
1SHW	Bellows Sealed, 150# Integral Flange, Full Port, Welded Bonnet
1SHWL	Bellows Sealed, 150# Integral Flange, Stand. Port, Welded Bonnet
3S	Bellows Sealed, 300# Integral Flange, Full Port, Bolted Bonnet
3SL	Bellows Sealed, 300# Integral Flange, Stand. Port, Bolted Bonnet
3SHW	Bellows Sealed, 300# Integral Flange, Full Port, Welded Bonnet
3SHWL	Bellows Sealed, 300# Integral Flange, Stand. Port, Welded Bonnet
6S	Bellows Sealed, 600# Integral Flange, Full Port, Bolted Bonnet
6SL	Bellows Sealed, 600# Integral Flange, Stand. Port, Bolted Bonnet
6SHW	Bellows Sealed, 600# Integral Flange, Full Port, Welded Bonnet
6SHWL	Bellows Sealed, 600# Integral Flange, Stand. Port, Welded Bonnet
15SF	Bellows Sealed, 1500# Integral Flange, Full Port, Bolted Bonnet
15SHWF	Bellows Sealed, 1500# Integral Flange, Full Port, Welded Bonnet
VOLL	Valvolet® Extended Body, Lip End, Stand. Port, 800#, Welded Bonnet
VOL	Valvolet® Extended Body, O'Let End, Stand. Port, 800#, Welded Bonnet
VLL	Valvolet® Extended Body, Lip End, Stand. Port, 800#, Bolted Bonnet
VL	Valvolet® Extended Body, O'Let End, Stand. Port, 800#, Bolted Bonnet
9VOLL	Valvolet® Extended Body, Lip End, Stand., 1500#, Welded Bonnet
9VOL	Valvolet® Extended Body, O'Let End, Stand. Port, 1500#, Welded Bonnet
9VLL	Valvolet® Extended Body, Lip End, Stand. Port, 1500#, Bolted Bonnet
9VL	Valvolet® Extended Body, O'Let End, Stand. Port, 1500#, Bolted Bonnet
MFL	Extended Body, Standard Port, 800#, Welded Bonnet
ML	Extended Body, Standard Port, 800#, Bolted Bonnet
9MFL	Extended Body, Standard Port, 1500#, Welded Bonnet
9ML	Extended Body, Standard Port, 1500#, Bolted Bonnet

Section B - Valve Type

1	Gate
3	Globe
3R	Globe with Renewable Seats
4	Piston Check
4R	Piston Check with Renewable Seats
5	Ball Check
5R	Ball Check with Renewable Seats
6	Swing Check

Section C - Body/Bonnet, Trim Material

1	A 105, Trim F6/HF (API Trim #8)
2	A 105, Trim F6/FHF (API Trim #5)
3	A 105, Trim F316/HF (API Trim #12)
3F	A 105, Trim F316/FHF
4	A 105, Trim Monel 500 (API Trim #9)
4S	A 105, Trim Monel 500/HF (API Trim #11)
4F	A 105, Trim Monel 500/FHF
5	F22, Trim F6/HF (API Trim #8)
5F	F22, Trim F6/FHF (API Trim #5)
6	F5, Trim F6/HF (API Trim #8)
6F	F5, Trim F6/FHF (API Trim #5)
7	F304, Trim F304/HF
7F	F304, Trim F304/FHF
7L	F304L, Trim F304/HF
7LF	F304L, Trim F304/FHF
7H	F304H, Trim F304/HF
7HF	F304H, Trim F304/FHF
8	F316, Trim F316/HF (API Trim #12)
8F	F316, Trim F316/FHF
8L	F316L, Trim F316/HF (API Trim #12)
8LF	F316L, Trim F316/FHF
8H	F316H, Trim F316/HF (API Trim #12)
8HF	F316H, Trim F316/FHF
9	F11, Trim F6/HF (API Trim #8)
9F	F11, Trim F6/FHF (API Trim #5)
A	F9, Trim F6/HF (API Trim #8)
AF	F9, Trim F6/FHF (API Trim #5)
LS	LF2, Trim F6/HF (API Trim #8)
LF	LF2, Trim F6/FHF (API Trim #5)
L3S	LF2, Trim F316/HF (API Trim #12)
L3F	LF2, Trim F316/FHF
O	Other, to be specified

Section D - End Configuration

T	= Threaded
SW	= Socket Weld
SW/T	= Socket Weld Inlet x Threaded Outlet
T/SW	= Threaded Inlet x Socket Weld Outlet
BW	= Butt Weld
P	= Plain End
RF	= Flanged, Raised Face
RTJ	= Flanged, Ring Type Joint
FF	= Flat Face Finish
SF	= Smooth Face Finish
N	= Nipples, Customer Specify

Section E - Special Requirements

- ASME Section I
- NACE
- Oxygen Service
- Hydrogen Service
- PMI
- Special Packing/Gaskets
- Other – Customer Specify

Section C - Body/Bonnet, Trim Material (Continued)

For an item not listed to the left, a figure number can be determined from the following:

Body/Bonnet Material	First Code Number/Letter	Trim Material	Second Code Letter
A 105	1	F6/HF	S
LF2	L	F6/FHF	F
<hr/>			
F5	6	F304/HF	7
F9	A	F304/FHF	7F
F91	K	F316/HF	3
F11	9	F316/FHF	3F
F22	5	F317/HF	B
<hr/>			
F304, 304L, 304H	7, 7L, 7H	F317/FHF	BF
F316, 316L, 316H	8, 8L, 8H	F321/HF	E
317, 317L	B, BL	F321/FHF	EF
F321, 321H	E, EH	F347/HF	G
F347, 347H	G, GH	F347/FHF	GF
F44	J	F44	J
<hr/>			
Alloy 20	A2	F44/HF	JS
Monel 400	M4	F44/FHF	JF
Monel 500	M5	F51	D
Hastelloy B	HB	F51/HF	DS
Hastelloy C	HC	F51/FHF	DF
Incoloy 800	I800	Alloy 20	A2
Incoloy 825	I825	Alloy 20/HF	A2S
<hr/>			
F51	D	Alloy 20/FHF	A2F
<hr/>			
Titanium	T	Monel 400	M4
<hr/>			
		Monel 400/HF	M4S
		Monel 400/FHF	M4F
		Monel 500	M5
		Monel 500/HF	M5S
		Monel 500/FHF	M5F
		Hastelloy B	HB
		Hastelloy B/HF	HBS
		Hastelloy B/FHF	HBF
		Hastelloy C	HC
		Hastelloy C/HF	HCS
		Hastelloy C/FHF	HCF
		Incoloy 800/HF	I
		Incoloy 800/FHF	IF
		Incoloy 825/HF	N
		Incoloy 825/FHF	NF
		Titanium/HF	T
		Titanium/FHF	TF

EXAMPLES:

1" Standard Port, 800#, Bolted Bonnet, Gate, A 105, Alloy 20/FHF Trim, Threaded Ends
Fig. No. 1" HL-11A2F-T

3/4" Standard Port, 1500#, Welded Bonnet, Globe, F5, F316/HF Trim, Socket Weld Ends
Fig. No. 3/4" 9WL-363-SW



ALLOY & STAINLESS FORGED STEEL VALVES

BONNEYFORGE

GATE VALVE

CLASS 800 - Bolted Bonnet - Bolted Gland - O.S.&Y. Threaded or Socket Weld Ends

	BODY & TRIM MATL.	VALVE TYPE NO.	SIZE						
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2
STAND. PORT	F11 - 13% Cr. (1)	HL-19	POA	\$386	\$453	\$ 555	POA	\$ 968	\$1,338
	F5 - 13% Cr. (1)	HL-16	POA	453	534	649	POA	1,207	1,529
	F316L - 18/8 (1)	HL-18L	\$649	649	767	1,123	POA	1,747	2,347
	F9 - 13% Cr. (1)	HL-1A	PRICE ON APPLICATION						
FULL PORT	F11 - 13% Cr. (1)	H-19							
	F5 - 13% Cr. (1)	H-16							
	F316L - 18/8 (1)	H-18L							

GLOBE VALVE

CLASS 800 - Bolted Bonnet - Bolted Gland - O.S.&Y. Threaded or Socket Weld Ends

	BODY & TRIM MATL.	VALVE TYPE NO.	SIZE						
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2
STAND. PORT	F11 - 13% Cr. (1)	HL-39	POA	\$607	\$746	\$ 880	POA	\$1,822	\$2,655
	F5 - 13% Cr. (1)	HL-36	POA	756	832	1,333	POA	2,343	3,173
	F316L - 18/8 (1)	HL-38L	\$836	836	914	1,438	POA	2,496	3,368
FULL PORT	F11 - 13% Cr. (1)	H-39	PRICE ON APPLICATION						
	F5 - 13% Cr. (1)	H-36							
	F316L - 18/8 (1)	H-38L							

PISTON CHECK VALVE

CLASS 800 - Bolted Cap Threaded or Socket Weld Ends

	BODY & TRIM MATL.	VALVE TYPE NO.	SIZE						
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2
STAND. PORT	F11 - 13% Cr. (1)	HL-49	PRICE ON APPLICATION						
	F5 - 13% Cr. (1)	HL-46							
	F316L - 18/8 (1)	HL-48L	-	\$1,067	\$1,248	\$1,716	-	\$3,390	\$4,596
FULL PORT	F11 - 13% Cr. (1)	H-49	PRICE ON APPLICATION						
	F5 - 13% Cr. (1)	H-46							
	F316L - 18/8 (1)	H-48L							

BALL CHECK VALVE

CLASS 800 - Bolted Cap Threaded or Socket Weld Ends

	BODY & TRIM MATL.	VALVE TYPE NO.	SIZE						
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2
STAND. PORT	F11 - 13% Cr. (1)	HL-59	PRICE ON APPLICATION						
	F5 - 13% Cr. (1)	HL-56							
	F316L - 18/8 (1)	HL-58L							
FULL PORT	F11 - 13% Cr. (1)	H-59							
	F5 - 13% Cr. (1)	H-56							
	F316L - 18/8 (1)	H-58L							

(1) Hard Faced Seats (1/2 Stellite)



ALLOY & STAINLESS FORGED STEEL VALVES

BONNEYFORGE

SWING CHECK

CLASS 800 – Bolted Bonnet – Horiz. & Vert. Installation Threaded or Socket Weld Ends

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE					
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2
SWING	F11 - 13% Cr. (1)	HL-69	PRICE ON APPLICATION					
	F5 - 13% Cr. (1)	HL-66						
	F304 - 18/8 (1)	HL-67						
	F316L - 18/8 (1)	HL-68L						

GATE & GLOBE VALVE

CLASS 1500 – Bolted Bonnet – Bolted Gland – O.S.&Y. Threaded or Socket Weld Ends – Standard Port

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE					
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2
GATE	F11 - 13% Cr. (1)	9HL-19	PRICE ON APPLICATION					
	F5 - 13% Cr. (1)	9HL-16						
	F304 - 18/8 (1)	9HL-17						
	F316L - 18/8 (1)	9HL-18L						
	F22 - 13% Cr. (1)	9HL-15						
GLOBE	F11 - 13% Cr. (1)	9HL-39						
	F5 - 13% Cr. (1)	9HL-36						
	F304 - 18/8 (1)	9HL-37						
	F316L - 18/8 (2)	9HL-38LF						
	F22 - 13% Cr. (1)	9HL-35						

GATE VALVE

CLASS 2500 – Seal Welded Bonnet – Bolted Gland – O.S.&Y. Threaded or Socket Weld Ends

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE					
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2
FULL PORT	F11 - 13% Cr. (2)	25W-19F	PRICE ON APPLICATION					
	F5 - 13% Cr. (1)	25W-16						
	F304 - 18/8 (1)	25W-17						
	F316L - 18/8 (1)	25W-18L						
	F22 - 13% Cr. (2)	25W-15F						

GLOBE VALVE

CLASS 2500 – Seal Welded Bonnet – Bolted Gland – O.S.&Y. Threaded or Socket Weld Ends

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE					
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2
FULL PORT	F11 - 13% Cr. (2)	25W-39F	PRICE ON APPLICATION					
	F5 - 13% Cr. (1)	25W-36						
	F304 - 18/8 (1)	25W-37						
	F316L - 18/8 (1)	25W-38L						
	F22 - 13% Cr. (2)	25W-35F						

(1) Hard Faced Seats (1/2 Stellite)
(2) Hard Faced Seats and Disc (FHF)



ALLOY & STAINLESS FORGED STEEL VALVES

BONNEYFORGE

GATE VALVE VALVOLET®

**CLASS 800 – Seal Welded Bonnet – Bolted Gland – O.S.&Y.
Female End – Threaded or Socket Weld
Male End – Extended WELDOLET® or Lip End**

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE					
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2
STAND. PORT	F11 - 13% Cr. (1)	VOLL-19	PRICE ON APPLICATION					
	F5 - 13% Cr. (1)	VOLL-16						
	F316L - 18/8 (1)	VOLL-18L						
	F9 - 13% Cr. (1)	VOLL-1A						

GATE VALVE Extended Body

**CLASS 800 – Seal Welded Bonnet – Bolted Gland – O.S.&Y.
Threaded or Socket Weld Ends: Male Thread x Female Thread
Male Plain x Female Thread
Male Thread x Female SW
Male Plain x Female SW**

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE					
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2
STAND. PORT	F11 - 13% Cr. (1)	MFL-19	PRICE ON APPLICATION					
	F5 - 13% Cr. (1)	MFL-16						
	F316L - 18/8 (1)	MFL-18L						

GLOBE VALVE

**CLASS 1690 – Seal Welded Bonnet – Bolted Gland – “Y” Pattern
Threaded or Socket Weld Ends**

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE					
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2
F11 - 13% Cr. (2)		1690Y-39F	PRICE ON APPLICATION					
F22 - 13% Cr. (2)		1690Y-35F						

GLOBE VALVE

**CLASS 2680 – Seal Welded Bonnet – Bolted Gland – “Y” Pattern
Threaded or Socket Weld Ends**

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE					
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2
F11 - 13% Cr. (2)		2680Y-39F	PRICE ON APPLICATION					
F22 - 13% Cr. (2)		2680Y-35F						

- (1) Hard Faced Seats (1/2 Stellite)
- (2) Hard Faced Seats and Disc (FHF)



ALLOY & STAINLESS FORGED STEEL VALVES

BONNEYFORGE

GATE VALVE Standard Port

CLASS 150-300-600-1500 - Integral Flanged Ends Bolted Bonnet - Bolted Gland - O.S.&Y.

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE						
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2
STANDARD PORT	150	F11 - 13% Cr. (1)	L1-19	PRICE ON APPLICATION					
		F5 - 13% Cr. (1)	L1-16						
		F304 - 18/8 (1)	L1-17						
		F316L - 18/8 (1)	L1-18L						
	300	F11 - 13% Cr. (1)	L3-19						
		F5 - 13% Cr. (1)	L3-16						
		F304 - 18/8 (1)	L3-17						
		F316L - 18/8 (1)	L3-18L						
	600	F11 - 13% Cr. (1)	L6-19						
		F5 - 13% Cr. (1)	L6-16						
		F304 - 18/8 (1)	L6-17						
		F316L - 18/8 (1)	L6-18L						
FULL PORT	1500	F11 - 13% Cr. (1)	15F-19						
		F5 - 13% Cr. (1)	15F-16						
		F304 - 18/8 (1)	15F-17						
		F316L - 18/8 (1)	15F-18L						

GLOBE VALVE Standard Port

CLASS 150-300-600-1500 - Integral Flanged Ends Bolted Bonnet - Bolted Gland - O.S.&Y.

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE						
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2
STANDARD PORT	150	F11 - 13% Cr. (1)	L1-39	PRICE ON APPLICATION					
		F5 - 13% Cr. (1)	L1-36						
		F304 - 18/8 (1)	L1-37						
		F316L - 18/8 (1)	L1-38L						
	300	F11 - 13% Cr. (1)	L3-39						
		F5 - 13% Cr. (1)	L3-36						
		F304 - 18/8 (1)	L3-37						
		F316L - 18/8 (1)	L3-38L						
	600	F11 - 13% Cr. (1)	L6-39						
		F5 - 13% Cr. (1)	L6-36						
		F304 - 18/8 (1)	L6-37						
		F316L - 18/8 (1)	L6-38L						
FULL PORT	1500	F11 - 13% Cr. (1)	15F-39						
		F5 - 13% Cr. (1)	15F-36						
		F304 - 18/8 (1)	15F-37						
		F316L - 18/8 (1)	15F-38L						

(1) Hard Faced Seats (1/2 Stellite)



CARBON FORGED STEEL VALVES

BONNEYFORGE

GATE VALVE

CLASS 800 - Bolted Bonnet - Bolted Gland - O.S.&Y. Threaded or Socket Weld Ends

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE								
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2		
STAND. PORT	A105 - 13% Cr. (1)	HL-11	\$ 95	\$ 95	\$104	\$126	\$238	\$ 238	\$ 309	*	
	A105 - 18/8 (1)	HL-13	POA	293	346	424	POA	709	963		
	A105 - Monel	HL-14	POA	390	465	579	POA	1,019	1,506		
FULL PORT	A105 - 13% Cr. (1)	H-11	POA	160	218	385	POA	480	790	*	
	A105 - 18/8 (1)	H-13	PRICE ON APPLICATION								
	A105 - Monel	H-14									

GLOBE VALVE

CLASS 800 - Bolted Bonnet - Bolted Gland - O.S.&Y. Threaded or Socket Weld Ends

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE								
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2		
STAND. PORT	A105 - 13% Cr. (1)	HL-31	\$146	\$146	\$167	\$218	\$426	\$ 426	\$ 546	*	
	A105 - 18/8 (1)	HL-33	POA	636	744	912	POA	1,774	2,246		
	A105 - Monel (1)	HL-34S (1)	PRICE ON APPLICATION								
FULL PORT	A105 - 13% Cr. (1)	H-31									
	A105 - 18/8 (1)	H-33									
	A105 - Monel (1)	H-34S (1)									

PISTON CHECK VALVE

CLASS 800 - Bolted Cap - Horizontal Installation Threaded or Socket Weld Ends

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE								
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2		
STAND. PORT	A105 - 13% Cr. (1)	HL-41	\$136	\$136	\$146	\$172	\$336	\$336	\$ 471	*	
	A105 - 18/8 (1)	HL-43	POA	368	444	515	POA	912	1,356		
	A105 - Monel (1)	HL-44S (1)	PRICE ON APPLICATION								
FULL PORT	A105 - 13% Cr. (1)	H-41									
	A105 - 18/8 (1)	H-43									
	A105 - Monel (1)	H-44S (1)									

BALL CHECK VALVE

CLASS 800 - Bolted Cap - Horizontal Installation Threaded or Socket Weld Ends

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE								
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2		
STAND. PORT	A105 - 13% Cr. (1)	HL-51	POA	\$172	\$190	\$205	POA	\$379	\$ 526	*	
	A105 - 18/8 (1)	HL-53	POA	368	444	515	POA	912	1,356		
	A105 - Monel (1)	HL-54S (1)	PRICE ON APPLICATION								
FULL PORT	A105 - 13% Cr. (1)	H-51									
	A105 - 18/8 (1)	H-53									
	F5 - Monel (1)	H-54S (1)									

(1) Hard Faced Seats (1/2 Stellite)

* = Commodity Valves



CARBON FORGED STEEL VALVES

BONNEYFORGE

SWING CHECK

CLASS 800 - Bolted Bonnet - Horiz. & Vert. Installation Threaded or Socket Weld Ends

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE						
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2
STAND. PORT	A105 - 13% Cr. (1)	HL-61	-	\$286	\$ 347	\$ 560	POA	\$ 902	\$1,068
	A105 - 18/8 (1)	HL-63	-	862	1,067	1,396	POA	2,637	3,100
	A105 - Monel	HL-64	PRICE ON APPLICATION						
FULL PORT	A105 - 13% Cr. (1)	H-61							
	A105 - 18/8 (1)	H-63							
	A105 - Monel	H-64							

GATE VALVE

CLASS 800 - Seal Welded Bonnet - Bolted Gland - O.S.&Y. Threaded or Socket Weld Ends

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE						
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2
STAND. PORT	A105 - 13% Cr. (1)	WL-11	\$ 95	\$ 95	\$104	\$133	\$244	\$244	\$305
	A105 - 18/8 (1)	WL-13	PRICE ON APPLICATION						
	A105 - Monel	WL-14							
FULL PORT	A105 - 13% Cr. (1)	W-11							
	A105 - 18/8 (1)	W-13							
	A105 - Monel	W-14							

GLOBE VALVE

CLASS 800 - Seal Welded Bonnet - Bolted Gland - O.S.&Y. Threaded or Socket Weld Ends

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE						
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2
STAND. PORT	A105 - 13% Cr. (1)	WL-31	POA	\$152	\$176	\$227	POA	\$494	\$638
	A105 - 18/8 (1)	WL-33	PRICE ON APPLICATION						
	A105 - Monel (1)	WL-34S (1)							
FULL PORT	A105 - 13% Cr. (1)	W-31							
	A105 - 18/8 (1)	W-33							
	A105 - Monel (1)	W-34S (1)							

PISTON CHECK VALVE

CLASS 800 - Seal Welded Bonnet - Horizontal Installation Threaded or Socket Weld Ends

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE						
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2
STAND. PORT	A105 - 13% Cr. (1)	WL-41	PRICE ON APPLICATION						
	A105 - 18/8 (1)	WL-43							
	A105 - Monel (1)	WL-44S (1)							
FULL PORT	A105 - 13% Cr. (1)	W-41							
	A105 - 18/8 (1)	W-43							
	A105 - Monel (1)	W-44S (1)							

(1) Hard Faced Seats (1/2 Stellite)

* = Commodity Valves



CARBON FORGED STEEL VALVES

BONNEYFORGE

BALL CHECK VALVE

CLASS 800 – Seal Welded Bonnet – Horizontal Installation Threaded or Socket Weld Ends

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE					
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2
STAND. PORT	A105 - 13% Cr. (1)	WL-51	PRICE ON APPLICATION					
	A105 - 18/8 (1)	WL-53						
	A105 - Monel (1)	WL-54S (1)						
FULL PORT	A105 - 13% Cr. (1)	W-51						
	A105 - 18/8 (1)	W-53						
	A105 - Monel (1)	W-54S (1)						

GLOBE VALVE

CLASS 800 – Seal Welded Bonnet – Bolted Gland – “Y” Pattern Threaded or Socket Weld Ends

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE					
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2
FULL PORT	A105 - 13% Cr. (2)	Y-32	PRICE ON APPLICATION					
	A105 - 18/8 (1)	Y-33						
	A105 - Monel (1)	Y-34S (1)						

PISTON CHECK VALVE

CLASS 800 – Seal Welded Bonnet – “Y” Pattern Threaded or Socket Weld Ends

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE					
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2
FULL PORT	A105 - 13% Cr. (2)	Y-42	PRICE ON APPLICATION					
	A105 - 18/8 (1)	Y-43						
	A105 - Monel (1)	Y-44S (1)						

GATE & GLOBE VALVE

CLASS 1500 – Bolted Bonnet – Bolted Gland – O.S.&Y. Threaded or Socket Weld Ends

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE							
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2	
STANDARD PORT	GATE	A105 - 13% Cr. (1)	9HL-11	POA	\$537	\$590	\$698	POA	\$1,126	\$1,542
		A105 - 18/8 (1)	9HL-13	PRICE ON APPLICATION						
		A105 - Monel	9HL-14							
	GLOBE	A105 - 13% Cr. (2)	9HL-32	POA	593	653	761	POA	1,134	1,551
		A105 - 18/8 (1)	9HL-33	PRICE ON APPLICATION						
		A105 - Monel (1)	9HL-34S (1)							

- (1) Hard Faced Seats (1/2 Stellite)
- (2) Hard Faced Seats and Disc (FHF)



CARBON FORGED STEEL VALVES

BONNEYFORGE

PISTON - BALL & SWING CHECK VALVE

CLASS 1500 - Bolted CAP Threaded or Socket Weld Ends

BODY & TRIM MATL.			VALVE TYPE NO.	SIZE							
				1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2	
STANDARD PORT	PISTON	A105 - 13% Cr. (1)	9HL-41	POA	\$530	\$577	\$776	POA	\$1,102	\$1,509	
		A105 - 18/8 (1)	9HL-43	PRICE ON APPLICATION							
		A105 - Monel (1)	9HL-44S (1)								
	BALL	A105 - 13% Cr. (1)	9HL-51								
		A105 - 18/8 (1)	9HL-53								
		A105 - Monel (1)	9HL-54S (1)								
	SWING	A105 - 13% Cr. (1)	9HL-61								
		A105 - 18/8 (1)	9HL-63								
		A105 - Monel	9HL-64								

GATE VALVE

CLASS 2500 - Seal Welded Bonnet - Bolted Gland - O.S.&Y. Threaded or Socket Weld Ends

BODY & TRIM MATL.			VALVE TYPE NO.	SIZE							
				1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2	
FULL PORT	A105 - 13% Cr. (2)	25W-12	PRICE ON APPLICATION								
	A105 - 18/8 (1)	25W-13									
	A105 - Monel	25W-14 (1)									

GLOBE VALVE

CLASS 2500 - Seal Welded Bonnet - Bolted Gland - O.S.&Y. Threaded or Socket Weld Ends

BODY & TRIM MATL.			VALVE TYPE NO.	SIZE							
				1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2	
FULL PORT	A105 - 13% Cr. (2)	25W-32	PRICE ON APPLICATION								
	A105 - 18/8 (1)	25W-33									
	A105 - Monel (1)	25W-34S (1)									

GATE VALVE

CLASS 800 - Extended Bonnet - Bolted Gland - O.S.&Y. BELLOWS SEALED** - Threaded or Socket Weld Ends Seal Welded (WB) and Bolted Bonnet (BB)

BODY & TRIM MATL.			VALVE TYPE NO.	SIZE							
				1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2	
FULL PORT	A105 - 13% Cr. (2) BB	SL-12	PRICE ON APPLICATION								
	A105 - 13% Cr. (2) WB	SWHL-12									
	A105 - 13% Cr. (2) BB	S-12									
	A105 - 13% Cr. (2) WB	SWH-12									

(1) Hard Faced Seats (1/2 Stellite)

(2) Hard Faced Seats and Disc (FHF)

** Bellows Sealed Valves are available in all valve configurations and material grades – Price on Application



CARBON FORGED STEEL VALVES

BONNEYFORGE

GLOBE VALVE

**CLASS 800 - Extended Bonnet - Bolted Gland - O.S.&Y.
BELLOWS SEALED** - Threaded or Socket Weld Ends
Seal Welded (WB) and Bolted Bonnet (BB)**

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE					
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2
FULL PORT	A105 - 13% Cr. (2) BB	SL-32	PRICE ON APPLICATION					
	A105 - 13% Cr. (2) WB	SWHL-32						
	A105 - 13% Cr. (2) BB	S-32						
	A105 - 13% Cr. (2) WB	SWH-32						

GATE VALVE VALVOLET®

**CLASS 800 - Seal Welded Bonnet - Bolted Gland - O.S.&Y.
Female End - Threaded or Socket Weld
Male End - Extended WELDOLET® or Lip End**

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE							
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2	
STAND. PORT	A105 - 13% Cr. (1)	VOLL-11	POA	\$314	\$334	\$397	POA	\$817	\$1,184	*
	A105 - 18/8 (1)	VOLL-13	PRICE ON APPLICATION							
	A105 - Monel	VOLL-14 (1)								

GATE VALVE Extended Body

**CLASS 800 - Seal Welded Bonnet/Bolted Bonnet - Bolted Gland - O.S.&Y.
Threaded or Socket Weld Ends - Male Thread x Female Thread
Male Plain x Female Thread
Male Thread x Female SW
Male Plain x Female SW**

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE							
			1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2	
STAND. PORT	A105 - 13% Cr. (1)	MFL-11/ML-11	POA	\$148	\$168	\$211	POA	\$399	\$809	*
	A105 - 18/8 (1)	MFL-13	PRICE ON APPLICATION							
	A105 - Monel	MFL-14								

GATE VALVE

**CLASS 150-300-600-1500 - Integral Flanged Ends
Bolted Bonnet - Bolted Gland - O.S.&Y.**

BODY & TRIM MATL.		VALVE TYPE NO.	SIZE								
			1/2	3/4	1	1 1/4	1 1/2	2	3		
STANDARD PORT	150	A105 - 13% Cr. (1)	L1-11	\$ 208	\$ 248	\$ 301	-	\$ 401	\$ 592	\$ 958	*
		A105 - 18/8 (1)	L1-13	PRICE ON APPLICATION							
		A105 - Monel	L1-14								
	300	A105 - 13% Cr. (1)	L3-11	232	269	323	-	505	695	-	*
		A105 - 18/8 (1)	L3-13	PRICE ON APPLICATION							
		A105 - Monel	L3-14								
	600	A105 - 13% Cr. (1)	L6-11	308	333	400	-	640	881	-	*
		A105 - 18/8 (1)	L6-13	PRICE ON APPLICATION							
		A105 - Monel	L6-14								
FULL PORT	1500	A105 - 13% Cr.	15F-12	1,736	2,174	2,499	-	3,773	5,128	-	*
		A105 - 18/8 (1)	15F-13	PRICE ON APPLICATION							
		A105 - Monel	15F-14								

(1) Hard Faced Seats (1/2 Stellite)

(2) Hard Faced Seats and Disc (FHF)

* = Commodity Valves



CARBON FORGED STEEL VALVES

BONNEYFORGE

GLOBE CHECK

CLASS 150-300-600-1500 - Integral Flanged Ends Bolted Bonnet - Bolted Gland - O.S.&Y.

BODY & TRIM MATL.			VALVE TYPE NO.	SIZE							
				1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2	
STANDARD PORT	150	A105 - 13% Cr. (1)	L1-31	-	\$499	\$538	\$562	-	\$919	\$1,297	*
		A105 - 18/8 (1)	L1-33	PRICE ON APPLICATION							
		A105 - Monel (1)	L1-34S (1)	PRICE ON APPLICATION							
	300	A105 - 13% Cr. (1)	L3-31	-	506	547	572	-	936	1,320	*
		A105 - 18/8 (1)	L3-33	PRICE ON APPLICATION							
		A105 - Monel (1)	L3-34S (1)	PRICE ON APPLICATION							
	600	A105 - 13% Cr. (1)	L6-31	-	519	567	600	-	960	1,348	*
		A105 - 18/8 (1)	L6-33	PRICE ON APPLICATION							
		A105 - Monel (1)	L6-34S (1)	PRICE ON APPLICATION							
FULL PORT	1500	A105 - 13% Cr. (1)	15F-31	PRICE ON APPLICATION							
		A105 - 18/8 (1)	15F-33	PRICE ON APPLICATION							
		A105 - Monel (1)	15F-34S (1)	PRICE ON APPLICATION							

PISTON CHECK VALVE

CLASS 150-300-600-1500 - Integral Flanged Ends Bolted Cap

BODY & TRIM MATL.			VALVE TYPE NO.	SIZE							
				1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2	
STANDARD PORT	150	A105 - 13% Cr. (1)	L1-41	-	\$439	\$520	\$566	-	\$879	\$1,303	*
		A105 - 18/8 (1)	L1-43	PRICE ON APPLICATION							
		A105 - Monel (1)	L1-44S (1)	PRICE ON APPLICATION							
	300	A105 - 13% Cr. (1)	L3-41	-	448	527	574	-	894	1,328	*
		A105 - 18/8 (1)	L3-43	PRICE ON APPLICATION							
		A105 - Monel (1)	L3-44S (1)	PRICE ON APPLICATION							
	600	A105 - 13% Cr. (1)	L6-41	-	478	571	630	-	973	1,441	*
		A105 - 18/8 (1)	L6-43	PRICE ON APPLICATION							
		A105 - Monel (1)	L6-44S (1)	PRICE ON APPLICATION							
FULL PORT	1500	A105 - 13% Cr. (1)	15F-41	PRICE ON APPLICATION							
		A105 - 18/8 (1)	15F-43	PRICE ON APPLICATION							
		A105 - Monel (1)	15F-44S (1)	PRICE ON APPLICATION							

BALL CHECK VALVE

CLASS 150-300-600-1500 - Integral Flanged Ends Bolted Cap

BODY & TRIM MATL.			VALVE TYPE NO.	SIZE						
				1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2
STANDARD PORT	150	A105 - 13% Cr. (1)	L1-51	PRICE ON APPLICATION						
		A105 - 18/8 (1)	L1-53	PRICE ON APPLICATION						
		A105 - Monel (1)	L1-54S (1)	PRICE ON APPLICATION						
	300	A105 - 13% Cr. (1)	L3-51	PRICE ON APPLICATION						
		A105 - 18/8 (1)	L3-53	PRICE ON APPLICATION						
		A105 - Monel (1)	L3-54S (1)	PRICE ON APPLICATION						
	600	A105 - 13% Cr. (1)	L6-51	PRICE ON APPLICATION						
		A105 - 18/8 (1)	L6-53	PRICE ON APPLICATION						
		A105 - Monel (1)	L6-54S (1)	PRICE ON APPLICATION						
FULL PORT	1500	A105 - 13% Cr. (1)	15F-51	PRICE ON APPLICATION						
		A105 - 18/8 (1)	15F-53	PRICE ON APPLICATION						
		A105 - Monel (1)	15F-54S (1)	PRICE ON APPLICATION						

(1) Hard Faced Seats (1/2 Stellite)

* = Commodity Valves



CARBON FORGED STEEL VALVES

BONNEYFORGE

SWING CHECK VALVE

CLASS 150-300-600-1500 - Integral Flanged Ends Bolted Cap - Bolted Gland - O.S.&Y.

BODY & TRIM MATL.			VALVE TYPE NO.	SIZE				
				1/4 - 3/8	1/2	3/4	1	1 1/4
STANDARD PORT	150	A105 - 13% Cr. (1)	L1-61	PRICE ON APPLICATION				
		A105 - 18/8 (1)	L1-63					
		A105 - Monel	L1-64					
	300	A105 - 13% Cr. (1)	L3-61					
		A105 - 18/8 (1)	L3-63					
		A105 - Monel	L3-64					
	600	A105 - 13% Cr. (1)	L6-61					
		A105 - 18/8 (1)	L6-63					
		A105 - Monel	L6-64					
FULL PORT	1500	A105 - 13% Cr. (1)	15F-61					
		A105 - 18/8 (1)	15F-63					
		A105 - Monel	15F-64					

GLOBE VALVE

CLASS 1690 - Seal Welded Bonnet - Bolted Gland - "Y" Pattern Threaded or Socket Weld Ends

BODY & TRIM MATL.			VALVE TYPE NO.	SIZE				
				1/4 - 3/8	1/2	3/4	1	1 1/4
FULL PORT		A105 - 13% Cr. (2)	1690Y-32	PRICE ON APPLICATION				

GLOBE VALVE

CLASS 2680 - Seal Welded Bonnet - Bolted Gland - "Y" Pattern Threaded or Socket Weld Ends

BODY & TRIM MATL.			VALVE TYPE NO.	SIZE				
				1/4 - 3/8	1/2	3/4	1	1 1/4
FULL PORT		A105 - 13% Cr. (2)	2680Y-32	PRICE ON APPLICATION				

GATE VALVE

CLASS 2500 - Integral Flange Ring Joint Bolted Bonnet Bolted Gland - O.S.&Y.

BODY & TRIM MATL.			VALVE TYPE NO.	SIZE				
				1/4 - 3/8	1/2	3/4	1	1 1/4
		A105 - 13% Cr. (1)	25RF-11	PRICE ON APPLICATION				
		A105 - 18/8 (1)	25RF-13					
		A105 - Monel	25RF-14					

(1) Hard Faced Seats (1/2 Stellite)



CARBON FORGED STEEL VALVES

BONNEYFORGE

GLOBE CHECK

**CLASS 2500 - Integral Flange
Ring Joint Bolted Bonnet
Bolted Gland - O.E.&Y.**

BODY & TRIM MATL.	VALVE TYPE NO.	SIZE						
		1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2
A105 - 13% Cr. (1)	25RF-31	PRICE ON APPLICATION						
A105 - 18/8 (1)	25RF-33							
A105 - Monel (1)	25RF-34S (1)							

PISTON CHECK VALVE

**CLASS 2500 - Integral Flange
Ring Joint Bolted Cap**

BODY & TRIM MATL.	VALVE TYPE NO.	SIZE						
		1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2
A105 - 13% Cr. (1)	25RF-41	PRICE ON APPLICATION						
A105 - 18/8 (1)	25RF-43							
A105 - Monel (1)	25RF-44S (1)							

BALL CHECK VALVE

**CLASS 2500 - Integral Flange
Ring Joint Bolted Cap**

BODY & TRIM MATL.	VALVE TYPE NO.	SIZE						
		1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2
A105 - 13% Cr. (1)	25RF-51	PRICE ON APPLICATION						
A105 - 18/8 (1)	25RF-53							
A105 - Monel (1)	25RF-54S (1)							

SWING CHECK VALVE

**CLASS 2500 - Integral Flange
Ring Joint Bolted Cap**

BODY & TRIM MATL.	VALVE TYPE NO.	SIZE						
		1/4 - 3/8	1/2	3/4	1	1 1/4	1 1/2	2
A105 - 13% Cr. (1)	25RF-61	PRICE ON APPLICATION						
A105 - 18/8 (1)	25RF-63							
A105 - Monel	25RF-64							



VALVE COMPARISON CHART

BONNEYFORGE

Bonney Valve	Vogt	Smith	RP&C
HL-11	12111	0800	F56
HL-13	12111 F8M	0800 0A0D0	EF56A
HL-14	12111 MM	0800 0B0B0	EF56M
H-11	13111	08880	F056
HL-31	12141	0G80	F80
HL-33	12141 F8M	0G80 0A0D0	F80A
HL-34S	12141 MM	0G80 0B0B0	F80M
HL-39	12351	G80 K0000	K80
HL-36	12601	G80 C0000	C80
HL-38L	12501	G80 DA0D0	S80
HL-41	701	0C80	F90
HL-43	701 F8M	0C80 0A0D0	F90A
HL-44S	701 MM	0C80 0B0B0	F90M
H-31	13141		
H-41	13701		
WL-11	2801	0870	EFWB56
15F-31	15493		
L1-41	573		F190
L3-41	583	C83	F390
L3-43	583 F8M	C83 0A0D0	F390A
L3-44S	583 MM	C83 0B0B0	F390M
L6-41	593	C86	F690
L6-43	593 F8M	C86 0A0D0	F690A
L6-44S	593 MM	C86 0B0B0	F690M
15F-41	15593		
9Y-31			
9W-11		1578	
HL-19	12321	0800 K0000	EK56
HL-16	12421	0800 C0000	EC56
HL-18L	12401	0800 DA0D0	ES56
WL-31	2821	0G87	FWB80D
WL-33		0G87 0A000	
WL-34S		0G87 0B000	
9HL-11	15111	1588	EF556E
9HL-13	15111 F8M	1588 0A0D0	
9HL-14		1588 0B0B0	
25Y-41	2610		
MFL-11	TT2801	876	EFWB51
L1-11	353	0815	EF158
L1-13	353 F8M	0815 0A0D0	EF158A
L1-14	353 MM	0815 0B0B0	EF158M
L3-11	363	0830	EF308
L3-13	363 F8M	0830 0A0D0	EF308A
L3-14	363 MM	0830 0B0B0	EF308M
L6-11	373	0860	EF608
L6-13	373 F8M	0860 0A0D0	EF608A
L6-14	373 MM	0860 0B0B0	EF608M
15F-12	15373		
L1-31	473	G81	F180
L3-31	483	G83	F380
L3-33	483 F8M	G83 0A0D0	
L3-34S	483 MM	G83 0B0B0	
L6-31	493	G86	F680
L6-33	493 F8M	G86 0A0D0	

Bonney Valve	Vogt	Smith	Edwards	RP&C
L6-34S	493 MM	G86 0B0B0		
H-13	13111 F8M	0888 0A0D0		
H-14	13111 MM	0888 0B0B0		
H-16		0888 C0000		
H18-L		0888 DA0D0		
H-19		0888 K0000		
HL-49		C80 K000		
HL-46		C80 C000		
HL-48L	718			
WL-13		0870 0A0000		
WL-14	2801 MM	0870 0B000		
WL-19		0870 K0000		
WL-18L	2831	0870 0A0000		ESWB56
W-11		5870		
W-13		5870 0A000		
W-14		5870 0B000		
W-19		5870 K0000		
W-18L		587 DA0000		
9HL-19		1588 K0000		
9HL-18L	15401	1588 DA0D0		ES556E
VOLL-11		0875 00000		EFWB48D
VOLL-13		0875 0A000		EFWB48A
VOLL-14		0815 0B000		EFWB48M
VOLL-18L		0875 DA00		
L1-19		875 K0000		
L1-16		815 C0000		
L3-19		830 K0000		
L3-16		830 C0000		
L6-19		860 K0000		
L6-16		860 C0000		
L3-37		G83 K0000		
L3-36		G83 C0000		
L3-49		C83 K0000		
L3-46		C83 C0000		
L6-32			828	
L6-32-SL			858	
L6-46		C86 C000		
L6-49		C86 K0000		
15F-32			1028	
15F-42-SL			1058	
9Y-32-T	1510		3620	
9Y-32-SW	SW 1510		3624	
9Y-32-BW			3628	
9Y-42-T-SL			3670	
9Y-42-SW-SL			3674	
9Y-42-BW-SL			3678	
W9-32-SW			3724	
25Y-32-T	2510		6620	
25Y-32-SW	SW 2510		6624	
25Y-32-BW			6628	
25Y-42-T-SL	2610		6670	
25Y-42-SW-SL	SW 2610		6674	
25Y-42-BW-SL			6678	
25W-32-SW	SW 66723		6724	



GENERAL TERMS AND CONDITIONS OF SALE OF: BONNEY FORGE (hereafter referred to as "BF")

GENERAL TERMS AND CONDITIONS OF SALE
(BONNEY FORGE CORPORATION HEREAFTER REFERRED TO AS "BF")

WARRANTY	BF expressly warrants to the Purchaser (the "Purchaser") that all BF products (each, a "Product") will be free from manufacturing defects for the one (1) year period immediately following the date of shipment (the "Warranty Period"). BF HEREBY DISCLAIMS ALL OTHER WARRANTIES WITH RESPECT TO BOTH THE PRODUCTS AND THIS AGREEMENT, INCLUDING THESE TERMS AND CONDITIONS, WHETHER EXPRESS OR IMPLIED INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES ARISING FROM COURSE OF DEALING OR COURSE OF PERFORMANCE. The foregoing warranty shall not apply: (1) to any use of a Product in aircraft or aerospace applications ("Prohibited Applications"), (2) if a Product was not used as recommended and in accordance with approved installation and operating practices, (3) if the failure of a Product results from any cause other than a manufacturing defect, including but not limited to damage due to corrosive, abrasive or other wear normally to be expected in the use of the Product, (4) if the Product was modified or changed (unless written approval was given in advance by BF), and (5) if Purchaser fails to deliver written notice of such defect to BF during the Warranty Period.
EXCLUSIONS	Do not use BF Products in aircraft or aerospace applications. Purchaser assumes all risk of loss that arises from or relates to any use of Product in a Prohibited Application and Purchaser shall, at its own expense, indemnify, defend and hold BF harmless against all claims or losses (including legal and accounting fees) that arise from or relate to the use of any Product in a Prohibited Application.
PURCHASER'S REMEDIES	Purchaser's remedies with respect to any Product furnished by BF hereunder that is found not to be in conformity with the terms and conditions of the contract because of breach of contract, breach of express or implied warranty, or negligence shall be limited exclusively to the right of replacement of such defective Product or, at the option of BF, repayment of the sale price for the particular Product that gives rise to the claim. BF shall have no liability to Purchaser or to any other person, in tort, contract or otherwise, for claims losses, damages or injuries arising out of this purchase or use of any Product, except for the return by BF of an amount not in excess of the payments made by the Purchaser to BF for the particular Products giving rise to Purchaser's claim. No action, whether based on contract, tort or otherwise, arising out of or related to Products furnished pursuant to the Agreement may be brought by Purchaser more than one year after the cause of action has accrued and no claims for breach of warranty may be brought by Purchaser unless Purchaser notifies the BF in writing within 10 days of discovery of the breach. Any claim made after the time periods specified in the foregoing sentence shall be deemed to be null and void. UNDER NO CIRCUMSTANCES WILL BF BE LIABLE TO PURCHASER FOR DAMAGES IN EXCESS OF THE AMOUNTS PAID BY PURCHASER TO BF UNDER THE AGREEMENT OR FOR INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL OR EXEMPLARY DAMAGES (EVEN IF BF HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES), SUCH AS, BUT NOT LIMITED TO, LOSS OF REVENUE OR ANTICIPATED PROFITS OR LOST BUSINESS.
PRICES	Prices, and other terms of sale and payment, are subject to change by BF without notice. Unless a contrary provision appears in this price schedule, quotation, or order acknowledgement, prices may be withdrawn without notice at any time. Stenographic or clerical errors are subject to correction.
ACCEPTANCE OF ORDERS	All orders are subject to BF credit department approval prior to acceptance by BF.
REMITTANCES	All accounts are payable in United States funds, free of exchange, collection, or any other charges. If, in the sole discretion of BF, the financial condition of the Purchaser at any time so requires, BF retains the right to require full or partial payment in advance.
PARTIAL SHIPMENTS AND PAYMENTS	BF reserves the right to make partial shipments from time to time, and to render invoices therefore which shall be due and payable as provided in said invoices and the paragraph entitled "REMITTANCES". If the Purchaser becomes overdue in any such partial payment, BF shall be entitled to suspend work and/or avail itself of other legal remedies.
TAXES	Unless otherwise specifically noted, the amount of any federal, state or local sales, use, occupancy, excise tax, or other tax of any nature, for which BF is legally liable, either intentionally or through failure of payment by Purchaser, shall be added or be in addition to the price quoted and Purchaser agrees to pay same to BF.
SHORTAGES AND DAMAGES IN TRANSIT	All claims for loss, damages, shortages, etc. must be made by Purchaser in writing within 10 days after receipt of shipment. Loss or damage to materials in transit is the responsibility of the carrier and not BF.
FREIGHT POLICY; TITLE AND RISK OF LOSS	Unless otherwise specifically negotiated with the customer, BF's standard freight policy is to ship all product FCA (plant of manufacture) with BF's responsibility ceasing after delivery to the carrier. Title to and all risk of loss or damage to the Products vests in Purchaser at the time BF delivers the Products to the carrier regardless of any shipping and insurance arrangements made by BF on Purchaser's behalf. However, BF reserves and Purchaser grants, until full payment is received, a purchase money security interest in each of the Products delivered. Purchaser hereby authorizes BF to file such financing statements and deliver such notices as BF may reasonably require to perfect such purchase money security interest. BF shall have all rights and may exercise all remedies of a secured creditor under Article 9 of the Uniform Commercial Code as adopted from time to time in the Commonwealth of Pennsylvania. The remedies reserved herein shall be cumulative and in addition to any other remedies provided in law or equity. No waiver of the remedy for any breach of any provision in these terms shall constitute a waiver of any other remedy.
DELAYS	All shipping dates are good faith estimates by BF. BF makes no guarantee to ship on any date. BF shall assume no obligation to ship Products on any date and BF shall not be liable for the failure to ship Product on any date. Materials slated to be in stock are subject to prior sales.
CANCELLATIONS AND SUSPENSIONS	Purchaser may cancel this order or contract, or delay work or delivery, only upon receipt of written notification by BF from Purchaser and with BF's prior consent, and upon agreement to pay BF's adjustment charge. Orders for special products (usually "price on application items") may be changed and/or cancelled only upon receipt of written instructions by BF from Purchaser and with BF's prior consent, and Purchaser shall make payment to BF for material used and work already performed.
RETURN OF MATERIAL	No Product may be returned without the prior written consent of BF. All goods returned are subject to a handling charge plus freight in both directions and charges for any required reconditioning, unless otherwise specified in writing by BF.
INDEMNITY	Purchaser shall defend, indemnify and hold BF and its affiliates harmless from any and all loss or damage sustained by BF and from and against all claims asserted against BF with respect to the Products covered hereunder arising in whole or in part out of (1) failure of Purchaser, its agents, employees, or customers to follow specifications, instructions, warnings or recommendations furnished by BF or others; (2) failure of Purchaser, its agents, employees or customers to comply with all applicable legal requirements; (3) misuse of the Products by Purchaser, its agents, employees or customers; (4) misrepresentation by Purchaser, its agents, employees or customers; (5) the full extent of the negligence of Purchaser, its agents, employees or customers; or, (6) alleged infringement of any patent, trademark, trade secret, copyright, or other intellectual property or proprietary right of Purchaser or a third party as a result of BF's performance in accordance with Purchaser's designs, plans or specifications. Purchaser hereby waives and releases BF and its affiliates from all rights of contribution or indemnity to which it may otherwise be entitled.
GOVERNING LAW	The contract shall be governed by, construed, and enforced in accordance with the laws of the Commonwealth of Pennsylvania without regard to the conflict-of-law principles of any jurisdiction. Purchaser and BF (i) agree that all actions and proceedings arising out of or relating to this Agreement shall be litigated exclusively in the state courts located in Huntingdon County, Pennsylvania and/or the United States District Court for the Middle District of Pennsylvania; (ii) consent to the jurisdiction and venue of such courts; and (iii) waive any and all rights to object to the jurisdiction and venue of such courts, to transfer or change the venue of any such action or proceeding, including but not limited to upon the basis of forum non conveniens. PURCHASER AND BF FURTHER EACH WAIVE THE RIGHT TO TRIAL BY JURY IN ANY ACTION OR PROCEEDING BASED UPON, ARISING OUT OF, OR IN ANY WAY RELATING TO, THIS AGREEMENT.
NO WAIVER	The failure of BF to exercise any of its rights under this Agreement for a breach thereof shall not be deemed to be a waiver of such rights nor shall the same be deemed to be a waiver of any subsequent breach.
DIES, TOOLS AND PATTERNS	Dies, tools and patterns used by BF to produce any Product (collectively, the "Material") shall be and remain the exclusive property of BF. Payment by Purchaser of any preparation charge with respect to such Material shall not give the Purchaser any right, title or interest in or to such Material. BF shall not be responsible for retention of dies or patterns on which no orders are received for two years or more.
FORCE MAJEURE	Neither party shall be liable to the other under this Agreement if delayed or prevented from performance by causes beyond its control including, but not limited to, fires, floods, strikes, acts of God, war, insurrection, government restrictions, or other causes of a like or different nature.
ASSIGNMENT	No assignment of the Purchaser's rights or obligations may be made without the prior, written consent of BF.
PURCHASER'S ACCEPTANCE OF BF'S TERMS	BF is not bound by any terms on the Purchaser's order form or any other document emanating from the Purchaser which attempts to impose any condition at variance with BF's terms and conditions of sale included herein or stated on BF's packages, invoices, technical data sheets or any other BF documents. BF's failure to object to provisions contained in the aforementioned forms of the Purchaser shall not be deemed a waiver of the provisions of BF's terms and conditions of sale which shall constitute the entire contract between BF and the Purchaser. No waiver, alteration, or modification of the terms and conditions of this document shall be binding unless in writing and signed by an authorized representative of BF. These BF terms and conditions constitute the entire understanding between the parties with respect to the subject matter hereof and supersede any and all prior understandings, statements, warranties, representations and agreements, oral and written, relating hereto. In the event of any discrepancy or inconsistency between these terms and conditions and any other purchase order or acceptance form used by the Purchaser in connection herewith, these BF terms and conditions shall govern, and such Purchaser purchase order, or acceptance form shall not amend, modify or add to the BF terms and conditions stated herein.
PROPRIETARY INFORMATION	Any Purchaser information provided to BF shall not be considered confidential unless otherwise agreed to by BF in a separate agreement. All drawings, works of authorship, trade secrets, inventions, improvements or other items made or developed by or for BF in connection with the performance of its obligations hereunder (the "Works") shall be BF's property. Purchaser hereby assigns all right and title in and to such Works to BF. Purchaser shall not use or disclose any of BF's trade secrets or other confidential information, whether or not designated as such, except as required in connection with the use of the Products covered hereunder.
SEVERABILITY	If any provisions of this Agreement are held to be invalid or unenforceable, such invalidity or unenforceability shall not affect the validity or enforceability of the other portions hereof, all of which provisions are hereby declared severable.
EXPORT COMPLIANCE	Bonney Forge Corporation comply with all export laws issued by the United States government, including all Export Administration Regulations (EAR) issued by the United States Department of Commerce Bureau of Industry and Security (BIS) and the Office of Foreign Assets Control (OFAC) of the United States Department of the Treasury. As such, any products quoted and or shipped to customers must not be shipped or transhipped by customers to any country, individual or entity that is not permitted under and in accordance with these regulations or other laws or regulations issued by the United States government. We are not considering any Export Licenses or Technical passports that may be required due to the material grades on this bill of material. In the event of an order we can then proceed with any fees and delivery increases that may occur with this inquiry