

**CLASS  
800**

# RP&C FORGED STEEL GATE VALVES

**EFO56D** NPT ENDS SIZES 1/4" THRU 2"

**EFO57D** SOCKET WELD ENDS

- **FORGED STEEL**
  - **ASTM A105N LOW CARBON (.25 MAX.), NORMALIZED**
  - **FULL PORT**
  - **OS&Y – BOLTED BONNET**
  - **WORKING PRESSURE (NON-SHOCK)**  
460 PSIG @ 900° F. Steam-Oil  
715 PSIG @ 850° F. Steam-Oil  
1975 PSIG @ -20° To 100° F.
  - **CONFORM TO THE APPLICABLE PARTS OF THE FOLLOWING SPECIFICATIONS:**  
API  
API 591 API 598 API 602  
ASME/ANSI  
B1.20.1 B16.11 B16.34 B31.1 B31.3
- NOTE: Valve can be furnished to meet NACE SPEC. MR0175.

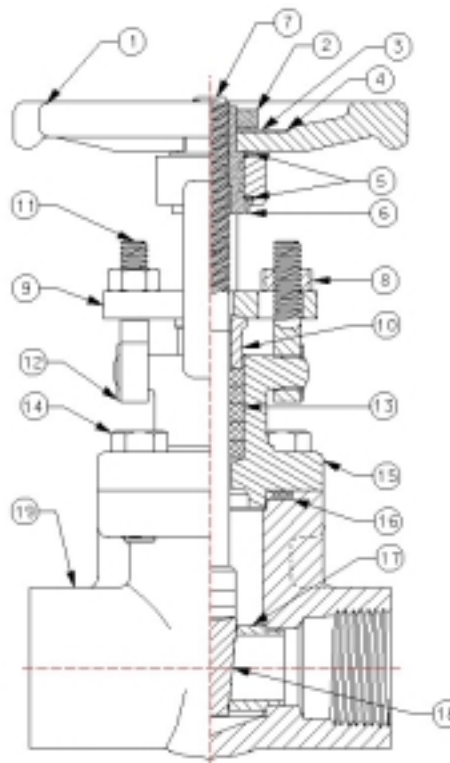
- **MATERIALS OF CONSTRUCTION**  
D TRIM (13 Cr/HF) STANDARD (See Page 8 for optional trims)

No.	Part	Material	ASTM Spec.	Remarks
1	Handwheel	Malleable Iron	A47	Gr. 32510
2	Handwheel Nut	Steel	A108	
3	Internal Tooth Lockwasher	Steel		
4	Nameplate	Aluminum		
5	Thrust Washer	Stainless Steel		Hardened
6	Operating Nut	416 Stainless Steel	A582	
7	Stem	410 Stainless Steel	A276	
8	Gland Nuts	303 Stainless Steel	A194	Grade 8F
9	Gland Flange	Carbon Steel	A108	Grade 1018
10	Gland	Carbon Steel	B484	Gr. 1, Cl. C, Type 1
11	Eyebolt	410 Stainless Steel		Hardened & Tempered
12	Eyebolt Washer	Carbon Steel		Grade 1018
13a	* Packing	Graphite		Grafoil® (241 or equal)
13b	* Wiper Rings	Braided Graphite		1630GF or equal
14	Bonnet Bolts	Alloy Steel	A193	Grade B7
15	Bonnet	Forged Steel, Normalized	A015N	Low Carbon
16	* Gasket	316 SS/Grafoil®		Spiral Wound
17	Seat Rings	410 Stainless Steel	A276	Hard Faced
18	Wedge	CA-15 Stainless Steel	A217	Heat Treated
19	Body	Forged Steel, Normalized	A105N	Low Carbon

Operating Nut and Stem thread Lubricated

**\* Recommended Spare Parts**

Note: Materials of construction may vary due to availability and Production runs, however parts will still conform to the requirements of API 602.



DIMENSIONAL SPECIFICATIONS				NOTE: Dimensions shown are subject to change. Contact factory for certified prints (exact dimensions) when required.				
Size	Handwheel Dia.	End To End	Center to Top(Open)	Port	Socket Weld Bore	Socket Weld Depth	Approximate Weight	Typical Cv Factors
1/4	4	3	6-1/4	9/32	.555	.375	4	2.3
3/8	4	3	6-1/4	25/64	.690	.375	4	5.7
1/2	4	3-1/2	6-1/2	1/2	.855	.375	4-1/2	9.3
3/4	4-1/2	4-1/8	8-1/2	3/4	1.065	.500	6-1/2	24.8
1	5-1/2	4-3/4	9-1/2	1"	1.330	.500	13	67.8
1-1/4	5-1/2	4-3/4	9-1/2	1-3/16	1.675	.500	13-1/2	70.9
1-1/2	6-5/8	5-1/4	11-1/4	1-15/32	1.915	.500	18-1/2	91.6
2	8-3/8	5-5/8	13	2"	2.406	.625	25-1/2	200.0

## RP&C VALVE

**FLANGED**

# RP&C FORGED STEEL GATE VALVES

- EF158D CLASS 150 FLANGED**
- EF308D CLASS 300 FLANGED**
- EF608D CLASS 600 FLANGED**

- **SIZES 1/4" THRU 2"**
- **FORGED STEEL**
- **ASTM A105N LOW CARBON (.25 MAX.), NORMALIZED**
- **STANDARD PORT**
- **OS&Y – BOLTED BONNET**

- **WORKING PRESSURE (NON-SHOCK)**

**CLASS 150**  
 150 PSIG @ 576° F. Steam-Oil  
 285 PSIG @ -20° To 100° F.

**CLASS 300**  
 300 PSIG @ 839° F. Steam-Oil  
 740 PSIG @ -20° To 100° F.

**CLASS 600**  
 600 PSIG @ 576° F. Steam-Oil  
 1480 PSIG @ -20° To 100° F.

- **CONFORM TO THE APPLICABLE PARTS OF THE FOLLOWING SPECIFICATIONS:**

**API**  
**API 591 API 598 API 602**  
**ASME/ANSI**

**B1.20.1 B16.11 B16.34 B31.1 B31.3**

NOTE: Valve can be furnished to meet NACE SPEC. MR0175.

- **MATERIALS OF CONSTRUCTION**  
**D TRIM (13 Cr/HF) STANDARD (See Page 8 for optional trims)**

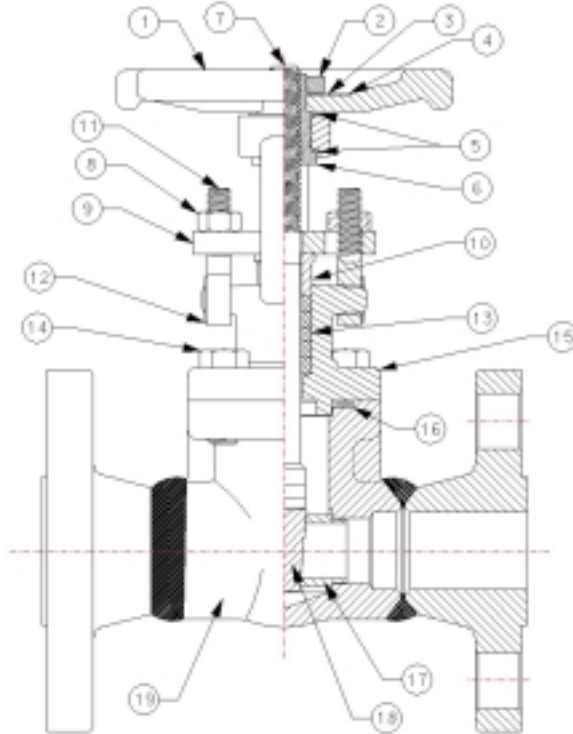
No.	Part	Material	ASTM Spec.	Remarks
1	Handwheel	Malleable Iron	A47	Gr. 32510
2	Handwheel Nut	Steel	A108	
3	Internal Tooth Lockwasher	Steel		
4	Nameplate	Aluminum		
5	Thrust Washer	Stainless Steel		Hardened
6	Operating Nut	416 Stainless Steel	A582	
7	Stem	410 Stainless Steel	A276	
8	Gland Nuts	303 Stainless Steel	A194	Grade 8F
9	Gland Flange	Carbon Steel	A108	Grade 1018
10	Gland	Carbon Steel	B484	Gr. 1, Cl. C, Type 1
11	Eyebolt	410 Stainless Steel		Hardened & Tempered
12	Eyebolt Washer	Carbon Steel		Grade 1018
13a	* Packing	Graphite		Grafoil® (241 or equal)
13b	* Wiper Rings	Braided Graphite		1630GF or equal
14	Bonnet Bolts	Alloy Steel	A193	Grade B7
15	Bonnet	Forged Steel, Normalized	A015N	Low Carbon
16	* Gasket	316 SS/Grafoil®		Spiral Wound
17	Seat Rings	410 Stainless Steel	A276	Hard Faced
18	Wedge	CA-15 Stainless Steel	A217	Heat Treated
19	Body	Forged Steel, Normalized	A105N	Low Carbon

Operating Nut and Stem thread Lubricated

**\* Recommended Spare Parts**

Note: Materials of construction may vary due to availability and Production runs, however parts will still conform to the requirements of API 602.

DIMENSIONAL SPECIFICATIONS				NOTE: Dimensions shown are subject to change. Contact factory for certified prints (exact dimensions) when required.							
Size	Handwheel Dia.	End To End			Center to Top(Open)	Port	Approximate Weight			Typical Cv Factors	
		150	300	600			150	300	600		
1/2	4	4-1/4	5-1/2	6-1/2	6-1/4	25/64	6-3/4	7-1/2	8	5.1	
3/4	4	4-5/8	6	7-1/2	6-1/2	1/2	7-1/2	10	11	9.3	
1	4-1/2	5	6-1/2	8-1/2	8-1/2	3/4	11	12	13	24.8	
1-1/2	5-1/2	6-1/2	7-1/2	9-1/2	9-1/2	1-3/16	19	23	27	67.8	
2	6-5/8	7	8-1/2	11-1/2	11-1/4	1-15/32	29	36	39	70.9	
3	8-3/8	8	11-1/8	14	13	2	50	63	68	91.6	



**NOTE:** Class 150 Flanged valves feature integrally forged flanges.

## RP&C VALVE

# RP&C FORGED STEEL GATE VALVES

**CLASS  
800**

- EF46D** MALE COUPLET X FEMALE SOCKET WELD
- EF51D** MALE X FEMALE NPT
- EF52D** MALE X FEMALE SOCKET WELD
- EF53D** MALE NPT X FEMALE SOCKET WELD
- EF54D** MALE SOCKET WELD X FEMALE NPT
- EF55D** MALE COUPLET X FEMALE NPT

- **SIZES 1/2" THRU 1 1/2"**  
NOTE: 1/2" MALE THREADS ARE NOT COVERED BY API 602
- **FORGED STEEL**
- **ASTM A105N LOW CARBON (.25 MAX.), NORMALIZED**
- **STANDARD PORT**
- **OS&Y – BOLTED BONNET**
- **WORKING PRESSURE (NON-SHOCK)**  
460 PSIG @ 900° F. Steam-Oil  
715 PSIG @ 850° F. Steam-Oil  
1975 PSIG @ -20° To 100° F.
- **CONFORM TO THE APPLICABLE PARTS OF THE FOLLOWING SPECIFICATIONS:**  
**API**  
**API 591 API 598 API 602**  
**ASME/ANSI**  
**B1.20.1 B16.11 B16.34 B31.1 B31.3**  
NOTE: Valve can be furnished to meet NACE SPEC. MR0175.

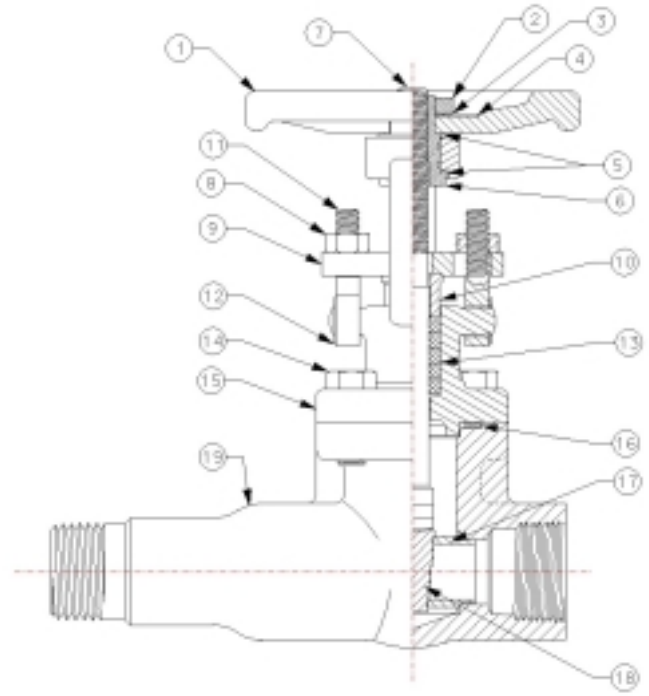
- **MATERIALS OF CONSTRUCTION**  
D TRIM (13 Cr/HF) STANDARD (See Page 8 for optional trims)

No.	Part	Material	ASTM Spec.	Remarks
1	Handwheel	Malleable Iron	A47	Gr. 32510
2	Handwheel Nut	Steel	A108	
3	Internal Tooth Lockwasher	Steel		
4	Nameplate	Aluminum		
5	Thrust Washer	Stainless Steel		Hardened
6	Operating Nut	416 Stainless Steel	A582	
7	Stem	410 Stainless Steel	A276	
8	Gland Nuts	303 Stainless Steel	A194	Grade 8F
9	Gland Flange	Carbon Steel	A108	Grade 1018
10	Gland	Carbon Steel	B484	Gr. 1, Cl. C, Type 1
11	Eyebolt	410 Stainless Steel		Hardened & Tempered
12	Eyebolt Washer	Carbon Steel		Grade 1018
13a	* Packing	Graphite		Grafoil® (241 or equal)
13b	* Wiper Rings	Braided Graphite		1630GF or equal
14	Bonnet Bolts	Alloy Steel	A193	Grade B7
15	Bonnet	Forged Steel, Normalized	A015N	Low Carbon
16	* Gasket	316 SS/Grafoil®		Spiral Wound
17	Seat Rings	410 Stainless Steel	A276	Hard Faced
18	Wedge	CA-15 Stainless Steel	A217	Heat Treated
19	Body	Forged Steel, Normalized	A105N	Low Carbon

Operating Nut and Stem thread Lubricated

**\* Recommended Spare Parts**

Note: Materials of construction may vary due to availability and Production runs, however parts will still conform to the requirements of API 602.



MINIMUM QUANTITIES MAY BE REQUIRED

DIMENSIONAL SPECIFICATIONS					NOTE: Dimensions shown are subject to change. Contact factory for certified prints (exact dimensions) when required.			
Size	Handwheel Dia.	End To End	Center to Top (Open)	Port	Socket Weld Bore	Socket Weld Depth	Approximate Weight	Typical Cv Factors
1/2	4	5-9/16	6-1/4	25/64	.855	.375	4-1/2	5.1
3/4	4	6	6-1/2	1/2	1.065	.500	4-3/4	9.3
1	4-1/2	6-5/16	8-1/2	3/4	1.330	.500	6-3/4	24.8
1-1/2	5-1/2	7-7/16	9-1/2	1-1/4	1.915	.500	14	70.9

## RP&C VALVE

A Division of Conbraco Industries, Inc.

RPBI9000-99

Hwy. 501 East  
Conway, SC 29526  
843/347-4666 (PHONE)  
843/347-1773 (FAX)

# RP&C FORGED STEEL GATE VALVES

**CLASS  
800**

**EF48D** MALE SOCKET WELD X FEMALE NPT

**EF49D** MALE X FEMALE SOCKET WELD

- INTEGRALLY REINFORCED MALE END
- SIZES 1/2" THRU 2"
- FORGED STEEL
- ASTM A105N LOW CARBON (.25 MAX.), NORMALIZED
- STANDARD PORT
- OS&Y – BOLTED BONNET
- WORKING PRESSURE (NON-SHOCK)
  - 460 PSIG @ 900° F. Steam-Oil
  - 715 PSIG @ 850° F. Steam-Oil
  - 1975 PSIG @ -20° To 100° F.

- CONFORM TO THE APPLICABLE PARTS OF THE FOLLOWING SPECIFICATIONS:

API  
API 591 API 598 API 602  
ASME/ANSI

B1.20.1 B16.11 B16.34 B31.1 B31.3

NOTE: Valve can be furnished to meet NACE SPEC. MR0175.

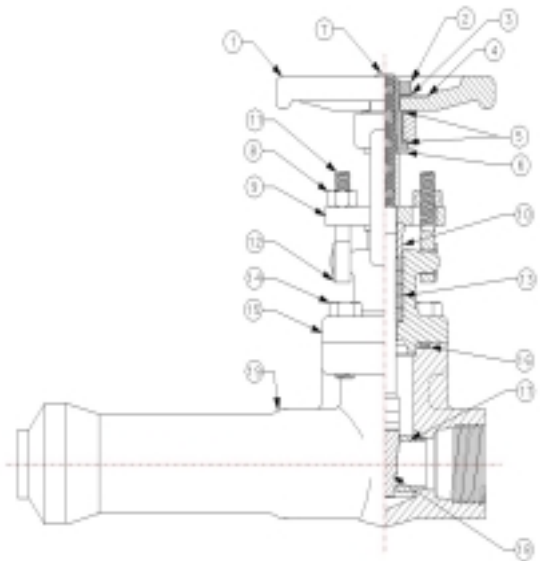
- MATERIALS OF CONSTRUCTION  
D TRIM (13 Cr/HF) STANDARD (See Page 8 for optional trims)

No.	Part	Material	ASTM Spec.	Remarks
1	Handwheel	Malleable Iron	A47	Gr. 32510
2	Handwheel Nut	Steel	A108	
3	Internal Tooth Lockwasher	Steel		
4	Nameplate	Aluminum		
5	Thrust Washer	Stainless Steel		Hardened
6	Operating Nut	416 Stainless Steel	A582	
7	Stem	410 Stainless Steel	A276	
8	Gland Nuts	303 Stainless Steel	A194	Grade 8F
9	Gland Flange	Carbon Steel	A108	Grade 1018
10	Gland	Carbon Steel	B484	Gr. 1, Cl. C, Type 1
11	Eyebolt	410 Stainless Steel		Hardened & Tempered
12	Eyebolt Washer	Carbon Steel		Grade 1018
13a	* Packing	Graphite		Grafoil® (241 or equal)
13b	* Wiper Rings	Braided Graphite		1630GF or equal
14	Bonnet Bolts	Alloy Steel	A193	Grade B7
15	Bonnet	Forged Steel, Normalized	A015N	Low Carbon
16	* Gasket	316 SS/Grafoil®		Spiral Wound
17	Seat Rings	410 Stainless Steel	A276	Hard Faced
18	Wedge	CA-15 Stainless Steel	A217	Heat Treated
19	Body	Forged Steel, Normalized	A105N	Low Carbon

Operating Nut and Stem thread Lubricated

**\* Recommended Spare Parts**

Note: Materials of construction may vary due to availability and Production runs, however parts will still conform to the requirements of API 602.



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DIMENSIONAL SPECIFICATIONS				NOTE: Dimensions shown are subject to change. Contact factory for certified prints (exact dimensions) when required.				
Size	Handwheel Dia.	End To End	Center to Top(Open)	Port	Socket Weld Bore	Socket Weld Depth	Approximate Weight	Typical Cv Factors
1/2	4	7-5/8	6-1/4	25/64	.855	.375	5-1/2	5.1
3/4	4	8-11/16	6-1/2	1/2	1.065	.500	6-1/2	9.3
1	4-1/2	9-11/16	8-1/2	3/4	1.330	.500	10	24.8
1-1/2	5-1/2	10-3/8	9-1/2	1-1/4	1.915	.500	16	70.9
2	6-5/8	11-7/8	11-1/4	1-15/32	2.406	.625	24	91.6

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RPBI9000-99

Hwy. 501 East  
Conway, SC 29526  
843/347-4666 (PHONE)  
843/347-1773 (FAX)

# RP&C VALVES – CLASS 1500

**CLASS  
1500**

**EF556E**

NPT ENDS

**EF557E**

SOCKET WELD ENDS

SIZES 1/2" THRU 2"

- FORGED STEEL GATE VALVE
  - ASTM A105N LOW CARBON (.25 MAX.), NORMALIZED
  - STANDARD PORT
  - OS&Y – BOLTED BONNET
  - WORKING PRESSURE (NON-SHOCK)
    - 860 PSIG @ 900° F. Steam-Oil
    - 1340 PSIG @ 850° F. Steam-Oil
    - 3705 PSIG @ -20° To 100° F.
  - CONFORM TO THE APPLICABLE PARTS OF THE FOLLOWING SPECIFICATIONS:
    - API
    - API 591 API 598 API 602
    - ASME/ANSI
    - B1.20.1 B16.11 B16.34 B31.1 B31.3
- NOTE: Valve can be furnished to meet NACE SPEC. MR0175.

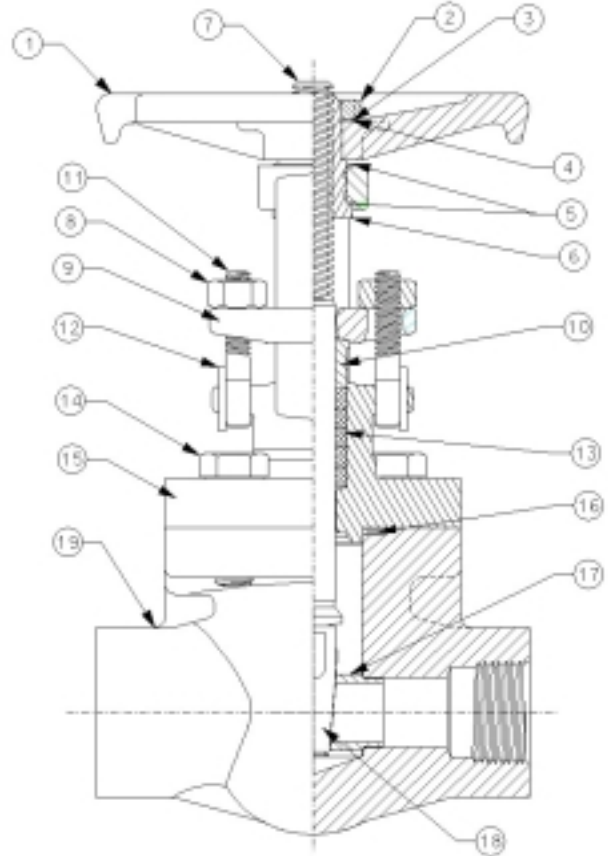
- MATERIALS OF CONSTRUCTION  
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No.	Part	Material	ASTM Spec.	Remarks
1	Handwheel	Malleable Iron	A47	Gr. 32510
2	Handwheel Nut	Steel	A108	
3	Internal Tooth Lockwasher	Steel		
4	Nameplate	Aluminum		
5	Thrust Washer	Stainless Steel		Hardened
6	Operating Nut	416 Stainless Steel	A582	
7	Stem	410 Stainless Steel	A276	
8	Gland Nuts	303 Stainless Steel	A194	Grade 8F
9	Gland Plate	Forged Carbon Steel	A105	
10	Gland	Carbon Steel	B484	Gr. 2, Cl. C, Type 1
11	Eyebolt	410 Stainless Steel		Hardened & Tempered
12	Eyebolt Washer	Stainless Steel		300 Series
13a	* Packing	Graphite		Grafoil® (241 or equal)
13b	* Wiper Rings	Braided Graphite		1630GF or equal
14	Bonnet Bolts	Alloy Steel	A193	Grade B7
15	Bonnet	Forged Steel, Normalized	A015N	Low Carbon
16	* Gasket	316 SS/Grafoil®		Spiral Wound
17	Seat Rings	410 Stainless Steel	A276	Hard Faced
18	Wedge	Cobalt-Chromium Super Alloy		CoCr-A
19	Body	Forged Steel, Normalized	A105N	Low Carbon

Operating Nut and Stem thread Lubricated

**\* Recommended Spare Parts**

Note: Materials of construction may vary due to availability and Production runs, however parts will still conform to the requirements of API 602.



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1/2	4-1/2	4	8-1/4	1/2	.855	.375	7-1/4	6.9
3/4	4-1/2	4	8-1/4	1/2	1.065	.500	8-1/4	12.7
1	5-1/2	5-1/2	9	3/4	1.330	.500	13-1/4	31.6
1-1/2	6-5/8	6-1/2	10-5/8	1-3/16	1.915	.500	24-3/4	71.1
2	8-1/4	7	12-1/4	1-15/32	2.406	.625	39-1/2	112.9

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RPBI9000-99

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Conway, SC 29526  
843/347-4666 (PHONE)  
843/347-1773 (FAX)



# RP&C FORGED STEEL GATE VALVES

**CLASS  
800**

**EF56D** NPT ENDS SIZES 1/4" THRU 2"

**EF57D** SOCKET WELD ENDS

- FORGED STEEL
  - ASTM A105N LOW CARBON (.25 MAX.), NORMALIZED
  - STANDARD PORT
  - OS&Y – BOLTED BONNET
  - WORKING PRESSURE (NON-SHOCK)
    - 460 PSIG @ 900° F. Steam-Oil
    - 715 PSIG @ 850° F. Steam-Oil
    - 1975 PSIG @ -20° To 100° F.
  - CONFORM TO THE APPLICABLE PARTS OF THE FOLLOWING SPECIFICATIONS:
    - API
      - API 591 API 598 API 602
    - ASME/ANSI
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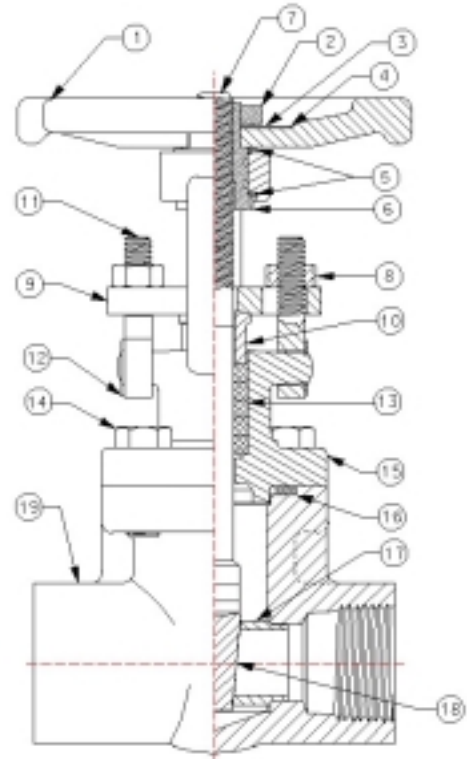
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19	Body	Forged Steel, Normalized	A105N	Low Carbon

Operating Nut and Stem Thread Lubricated

**\* Recommended Spare Parts**

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1	4-1/2	4-1/8	8-1/2	3/4	1.330	.500	6-1/2	24.8
1-1/4	5-1/2	4-3/4	9-1/2	1-3/16	1.675	.500	13	67.8
1-1/2	5-1/2	4-3/4	9-1/2	1-3/16	1.915	.500	13	70.9
2	6-5/8	5-1/4	11-1/4	1-15/32	2.406	.625	18	91.6

## RP&C VALVE

A Division of Conbraco Industries, Inc.

RPBI9000-99

Hwy. 501 East  
 Conway, SC 29526  
 843/347-4666 (PHONE)  
 843/347-1773 (FAX)

**FLANGED**

# RP&C FORGED STEEL GATE VALVES

**EF158D CLASS 150 FLANGED**  
**EF308D CLASS 300 FLANGED**  
**EF608D CLASS 600 FLANGED**

- SIZES 1/4" THRU 2"
- FORGED STEEL
- ASTM A105N LOW CARBON (.25 MAX.), NORMALIZED
- STANDARD PORT
- OS&Y – BOLTED BONNET

- WORKING PRESSURE (NON-SHOCK)

**CLASS 150**

150 PSIG @ 576° F. Steam-Oil  
 285 PSIG @ -20° To 100° F.

**CLASS 300**

300 PSIG @ 839° F. Steam-Oil  
 740 PSIG @ -20° To 100° F.

**CLASS 600**

600 PSIG @ 576° F. Steam-Oil  
 1480 PSIG @ -20° To 100° F.

- CONFORM TO THE APPLICABLE PARTS OF THE FOLLOWING SPECIFICATIONS:

API

API 591 API 598 API 602

ASME/ANSI

B1.20.1 B16.11 B16.34 B31.1 B31.3

NOTE: Valve can be furnished to meet NACE SPEC. MR0175.

- MATERIALS OF CONSTRUCTION

D TRIM (13 Cr/HF) STANDARD (See Page 8 for optional trims)

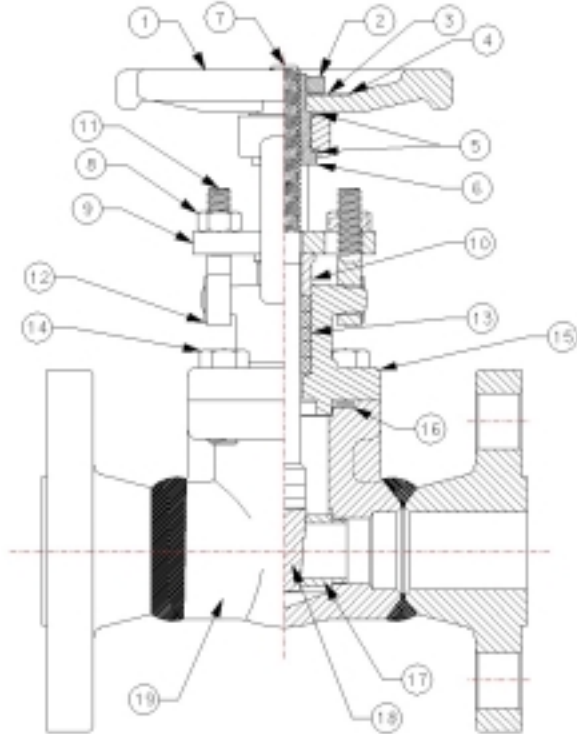
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3	Internal Tooth Lockwasher	Steel		
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5	Thrust Washer	Stainless Steel		Hardened
6	Operating Nut	416 Stainless Steel	A582	
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8	Gland Nuts	303 Stainless Steel	A194	Grade 8F
9	Gland Flange	Carbon Steel	A108	Grade 1018
10	Gland	Carbon Steel	B484	Gr. 1, Cl. C, Type 1
11	Eyebolt	410 Stainless Steel		Hardened & Tempered
12	Eyebolt Washer	Carbon Steel		Grade 1018
13a	* Packing	Graphite		Grafoil® (241 or equal)
13b	* Wiper Rings	Braided Graphite		1630GF or equal
14	Bonnet Bolts	Alloy Steel	A193	Grade B7
15	Bonnet	Forged Steel, Normalized	A015N	Low Carbon
16	* Gasket	316 SS/Grafoil®		Spiral Wound
17	Seat Rings	410 Stainless Steel	A276	Hard Faced
18	Wedge	CA-15 Stainless Steel	A217	Heat Treated
19	Body	Forged Steel, Normalized	A105N	Low Carbon

Operating Nut and Stem thread Lubricated

**\* Recommended Spare Parts**

Note: Materials of construction may vary due to availability and Production runs, however parts will still conform to the requirements of API 602.

DIMENSIONAL SPECIFICATIONS				NOTE: Dimensions shown are subject to change. Contact factory for certified prints (exact dimensions) when required.							
Size	Handwheel Dia.	End To End			Center to Top(Open)	Port	Approximate Weight			Typical Cv Factors	
		150	300	600			150	300	600		
1/2	4	4-1/4	5-1/2	6-1/2	6-1/4	25/64	6-3/4	7-1/2	8	5.1	
3/4	4	4-5/8	6	7-1/2	6-1/2	1/2	7-1/2	10	11	9.3	
1	4-1/2	5	6-1/2	8-1/2	8-1/2	3/4	11	12	13	24.8	
1-1/2	5-1/2	6-1/2	7-1/2	9-1/2	9-1/2	1-3/16	19	23	27	67.8	
2	6-5/8	7	8-1/2	11-1/2	11-1/4	1-15/32	29	36	39	70.9	
3	8-3/8	8	11-1/8	14	13	2	50	63	68	91.6	



NOTE: Class 150 Flanged valves feature integrally forged flanges.

## RP&C VALVE

A Division of Conbraco Industries, Inc.

Hwy. 501 East  
 Conway, SC 29526  
 843/347-4666 (PHONE)  
 843/347-1773 (FAX)

**CLASS  
800**

# RP&C FORGED STEEL GATE VALVES

- EFWB46D** MALE COUPLET X FEMALE SOCKET WELD
- EFWB51D** MALE X FEMALE NPT
- EFWB52D** MALE X FEMALE SOCKET WELD
- EFWB53D** MALE NPT X FEMALE SOCKET WELD
- EFWB54D** MALE SOCKET WELD X FEMALE NPT
- EFWB55D** MALE COUPLET X FEMALE NPT

- **SIZES 1/2" THRU 1 1/2"**  
NOTE: 1/2" MALE THREADS ARE NOT COVERED BY API 602
- **FORGED STEEL**
- **ASTM A105N LOW CARBON (.25 MAX.), NORMALIZED**
- **CONVENTIONAL PORT**
- **OS&Y – WELDED BONNET**
- **WORKING PRESSURE (NON-SHOCK)**  
460 PSIG @ 900° F. Steam-Oil  
715 PSIG @ 850° F. Steam-Oil  
1975 PSIG @ -20° To 100° F.
- **CONFORM TO THE APPLICABLE PARTS OF THE FOLLOWING SPECIFICATIONS:**  
API  
API 591 API 598 API 602  
ASME/ANSI  
B1.20.1 B16.11 B16.34 B31.1 B31.3  
NOTE: Valve can be furnished to meet NACE SPEC. MR0175.

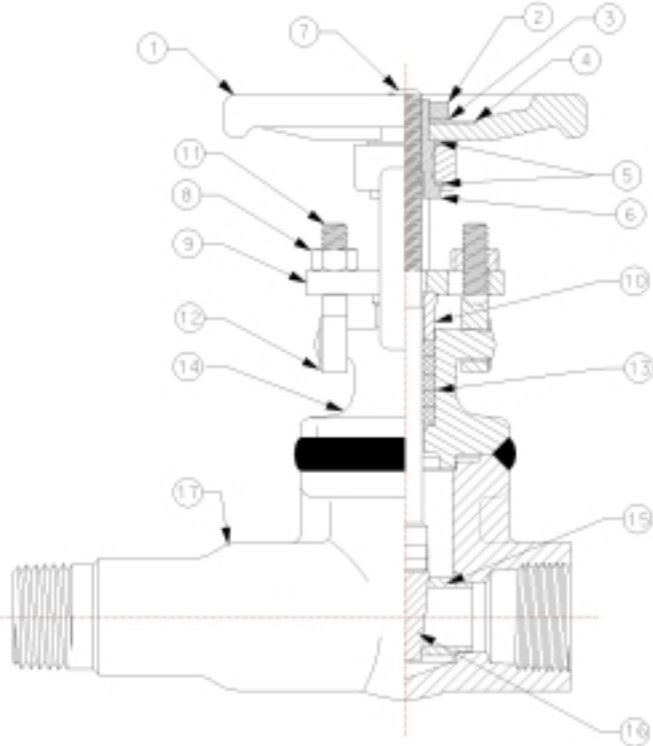
- **MATERIALS OF CONSTRUCTION**  
D TRIM (13 Cr/HF) STANDARD (See Page 8 for optional trims)

No.	Part	Material	ASTM Spec.	Remarks
1	Handwheel	Malleable Iron	A47	Gr. 32510
2	Handwheel Nut	Steel	A108	
3	Internal Tooth Lockwasher	Steel		
4	Nameplate	Aluminum		
5	Thrust Washer	Stainless Steel		Hardened
6	Operating Nut	416 Stainless Steel	A582	
7	Stem	410 Stainless Steel	A276	
8	Gland Nuts	303 Stainless Steel	A194	Grade 8F
9	Gland Flange	Carbon Steel	A108	Grade 1018
10	Gland	Carbon Steel	B484	Gr. 1, Cl. C, Type 1
11	Eyebolt	410 Stainless Steel		Hardened & Tempered
12	Eyebolt Washer	Carbon Steel		Grade 1018
13a	* Packing	Graphite		Grafoil® (241 or equal)
13b	* Wiper Rings	Braided Graphite		1630GF or equal
14	Bonnet	Forged Steel, Normalized	A015N	Low Carbon
15	Seat Rings	410 Stainless Steel	A276	Hard Faced
16	Wedge	CA-15 Stainless Steel	A217	Heat Treated
17	Body	Forged Steel, Normalized	A105N	Low Carbon

Operating Nut and Stem thread Lubricated

**\* Recommended Spare Parts**

Note: Materials of construction may vary due to availability and Production runs, however parts will still conform to the requirements of API 602.



MINIMUM QUANTITIES MAY BE REQUIRED

DIMENSIONAL SPECIFICATIONS				NOTE: Dimensions shown are subject to change. Contact factory for certified prints (exact dimensions) when required.				
Size	Handwheel Dia.	End To End	Center to Top(Open)	Port	Socket Weld Bore	Socket Weld Depth	Approximate Weight	Typical Cv Factors
1/2	4	5-9/16	6-1/4	25/64	.855	.375	4-1/2	5.1
3/4	4	6	6-1/2	1/2	1.065	.500	4-3/4	9.3
1	4-1/2	6-5/16	8-1/2	3/4	1.330	.500	6-3/4	24.8
1-1/2	5-1/2	7-7/16	9-1/2	1-1/4	1.915	.500	14	70.9

## RP&C VALVE

A Division of Conbraco Industries, Inc.

RPBI9000-99

Hwy. 501 East  
Conway, SC 29526  
843/347-4666 (PHONE)  
843/347-1773 (FAX)



**CLASS  
800**

# RP&C FORGED STEEL GATE VALVES

**EFWB48D** MALE SOCKET WELD X FEMALE NPT

**EFWB49D** MALE X FEMALE SOCKET WELD

- INTEGRALLY REINFORCED MALE END
- SIZES 1/2" THRU 2"
- FORGED STEEL
- ASTM A105N LOW CARBON (.25 MAX.), NORMALIZED
- STANDARD PORT
- OS&Y – WELDED BONNET
- WORKING PRESSURE (NON-SHOCK)
  - 460 PSIG @ 900° F. Steam-Oil
  - 715 PSIG @ 850° F. Steam-Oil
  - 1975 PSIG @ -20° To 100° F.
- CONFORM TO THE APPLICABLE PARTS OF THE FOLLOWING SPECIFICATIONS:
  - API
    - API 591 API 598 API 602
  - ASME/ANSI
    - B1.20.1 B16.11 B16.34 B31.1 B31.3

NOTE: Valve can be furnished to meet NACE SPEC. MR0175.

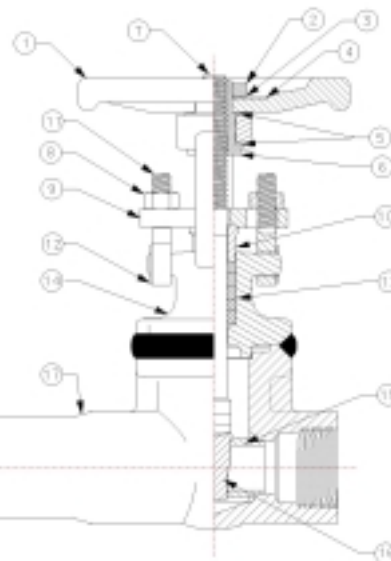
- MATERIALS OF CONSTRUCTION  
D TRIM (13 Cr/HF) STANDARD (See Page 8 for optional trims)

No.	Part	Material	ASTM Spec.	Remarks
1	Handwheel	Malleable Iron	A47	Gr. 32510
2	Handwheel Nut	Steel	A108	
3	Internal Tooth Lockwasher	Steel		
4	Nameplate	Aluminum		
5	Thrust Washer	Stainless Steel		Hardened
6	Operating Nut	416 Stainless Steel	A582	
7	Stem	410 Stainless Steel	A276	
8	Gland Nuts	303 Stainless Steel	A194	Grade 8F
9	Gland Flange	Carbon Steel	A108	Grade 1018
10	Gland	Carbon Steel	B484	Gr. 1, Cl. C, Type 1
11	Eyebolt	410 Stainless Steel		Hardened & Tempered
12	Eyebolt Washer	Carbon Steel		Grade 1018
13a	* Packing	Graphite		Grafoil® (241 or equal)
13b	* Wiper Rings	Braided Graphite		1630GF or equal
14	Bonnet	Forged Steel, Normalized	A015N	Low Carbon
15	Seat Rings	410 Stainless Steel	A276	Hard Faced
16	Wedge	CA-15 Stainless Steel	A217	Heat Treated
17	Body	Forged Steel, Normalized	A105N	Low Carbon

Operating Nut and Stem thread Lubricated

**\* Recommended Spare Parts**

Note: Materials of construction may vary due to availability and Production runs, however parts will still conform to the requirements of API 602.



MINIMUM QUANTITIES MAY BE REQUIRED

DIMENSIONAL SPECIFICATIONS				NOTE: Dimensions shown are subject to change. Contact factory for certified prints (exact dimensions) when required.				
Size	Handwheel Dia.	End To End	Center to Top(Open)	Port	Socket Weld Bore	Socket Weld Depth	Approximate Weight	Typical Cv Factors
1/2	4	7-5/8	6-1/4	25/64	.855	.375	5-1/2	5.1
3/4	4	8-11/16	6-1/2	1/2	1.065	.500	6-1/2	9.3
1	4-1/2	9-11/16	8-1/2	3/4	1.330	.500	10	24.8
1-1/2	5-1/2	10-3/8	9-1/2	1-1/4	1.915	.500	16	70.9
2	6-5/8	11-7/8	11-1/4	1-15/32	2.406	.625	24	91.6

## RP&C VALVE

A Division of Conbraco Industries, Inc.

RPBI9000-99

Hwy. 501 East  
 Conway, SC 29526  
 843/347-4666 (PHONE)  
 843/347-1773 (FAX)

**CLASS  
1500**

# RP&C VALVES – CLASS 1500

**EFWB556E** NPT ENDS

**EFWB557E** SOCKET WELD ENDS

SIZES 1/2" THRU 2"

- FORGED STEEL GATE VALVE
- ASTM A105N LOW CARBON (.25 MAX.), NORMALIZED
- STANDARD PORT
- OS&Y – BOLTED BONNET
- WORKING PRESSURE (NON-SHOCK)
  - 860 PSIG @ 900° F. Steam-Oil
  - 1340 PSIG @ 850° F. Steam-Oil
  - 3705 PSIG @ -20° To 100° F.
- CONFORM TO THE APPLICABLE PARTS OF THE FOLLOWING SPECIFICATIONS:

API  
API 591 API 598 API 602  
ASME/ANSI

B1.20.1 B16.11 B16.34 B31.1 B31.3

NOTE: Valve can be furnished to meet NACE SPEC. MR0175.

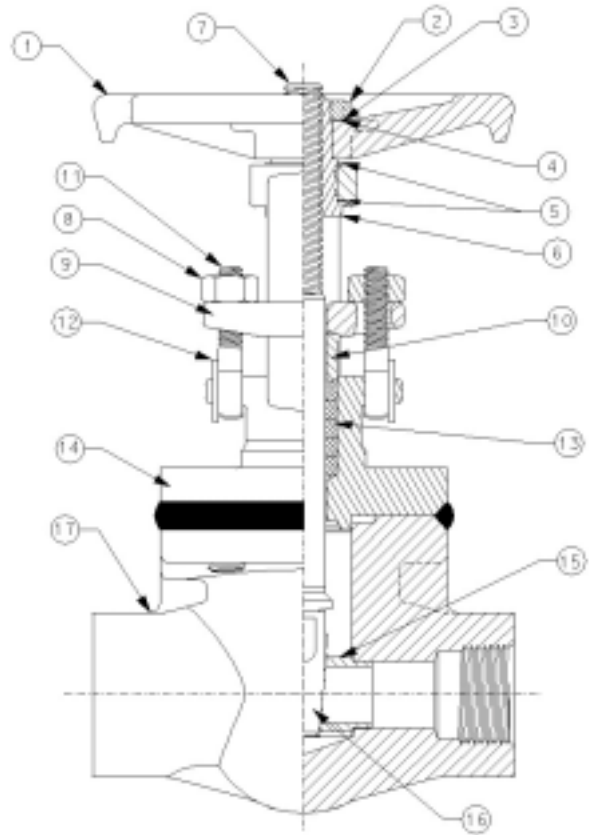
- MATERIALS OF CONSTRUCTION  
E TRIM (13 Cr/FHF) STANDARD (See Page 8 for optional trims)

No.	Part	Material	ASTM Spec.	Remarks
1	Handwheel	Malleable Iron	A47	Gr. 32510
2	Handwheel Nut	Steel	A108	
3	Internal Tooth Lockwasher	Steel		
4	Nameplate	Aluminum		
5	Thrust Washer	Stainless Steel		Hardened
6	Operating Nut	416 Stainless Steel	A582	
7	Stem	410 Stainless Steel	A276	
8	Gland Nuts	303 Stainless Steel	A194	Grade 8F
9	Gland Plate	Forged Carbon Steel	A105	
10	Gland	Carbon Steel	B484	Gr. 2, Cl. C, Type 1
11	Eyebolt	410 Stainless Steel		Hardened & Tempered
12	Eyebolt Washer	Stainless Steel		300 Series
13a	* Packing	Graphite		Grafoil® (241 or equal)
13b	* Wiper Rings	Braided Graphite		1630GF or equal
14	Bonnet	Forged Steel, Normalized	A015N	Low Carbon
15	Seat Rings	410 Stainless Steel	A276	Hard Faced
16	Wedge	Cobalt-Chromium Super Alloy		CoCr-A
17	Body	Forged Steel, Normalized	A105N	Low Carbon

Operating Nut and Stem thread Lubricated

**\* Recommended Spare Parts**

Note: Materials of construction may vary due to availability and Production runs, however parts will still conform to the requirements of API 602.



DIMENSIONAL SPECIFICATIONS				NOTE: Dimensions shown are subject to change. Contact factory for certified prints (exact dimensions) when required.				
Size	Handwheel Dia.	End To End	Center to Top(Open)	Port	Socket Weld Bore	Socket Weld Depth	Approximate Weight	Typical Cv Factors
1/2	4-1/2	4	8-1/4	1/2	.855	.375	7-1/4	6.9
3/4	4-1/2	4	8-1/4	1/2	1.065	.500	8-1/4	12.7
1	5-1/2	5-1/2	9	3/4	1.330	.500	13-1/4	31.6
1-1/2	6-5/8	6-1/2	10-5/8	1-3/16	1.915	.500	24-3/4	71.1
2	8-1/4	7	12-1/4	1-15/32	2.406	.625	39-1/2	112.9

## RP&C VALVE

A Division of Conbraco Industries, Inc.

RPBI9000-99

Hwy. 501 East  
Conway, SC 29526  
843/347-4666 (PHONE)  
843/347-1773 (FAX)

# RP&C FORGED STEEL GATE VALVES

**CLASS  
800**

**EFWB56D** NPT ENDS      SIZES ¼" THRU 2"  
**EFWB57D** SOCKET WELD ENDS

- FORGED STEEL
- ASTM A105N LOW CARBON (.25 MAX.), NORMALIZED
- STANDARD PORT
- OS&Y – WELDED BONNET
- WORKING PRESSURE (NON-SHOCK)
  - 460 PSIG @ 900° F. Steam-Oil
  - 715 PSIG @ 850° F. Steam-Oil
  - 1975 PSIG @ -20° To 100° F.

- CONFORM TO THE APPLICABLE PARTS OF THE FOLLOWING SPECIFICATIONS:

API  
 API 591    API 598    API 602  
 ASME/ANSI

**B1.20.1   B16.11   B16.34   B31.1   B31.3**

NOTE: Valve can be furnished to meet NACE SPEC. MR0175.

- MATERIALS OF CONSTRUCTION

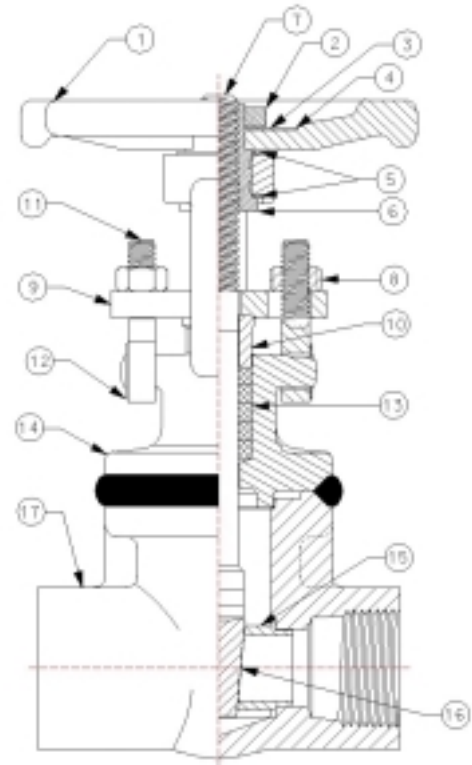
D TRIM (13 Cr/HF) STANDARD (See Page 8 for optional trims)

No.	Part	Material	ASTM Spec.	Remarks
1	Handwheel	Malleable Iron	A47	Gr. 32510
2	Handwheel Nut	Steel	A108	
3	Internal Tooth Lockwasher	Steel		
4	Nameplate	Aluminum		
5	Thrust Washer	Stainless Steel		Hardened
6	Operating Nut	416 Stainless Steel	A582	
7	Stem	410 Stainless Steel	A276	
8	Gland Nuts	303 Stainless Steel	A194	Grade 8F
9	Gland Flange	Carbon Steel	A108	Grade 1018
10	Gland	Carbon Steel	B484	Gr. 1, Cl. C, Type 1
11	Eyebolt	410 Stainless Steel		Hardened & Tempered
12	Eyebolt Washer	Carbon Steel		Grade 1018
13a	* Packing	Graphite		Grafoil® (241 or equal)
13b	* Wiper Rings	Braided Graphite		1630GF or equal
14	Bonnet	Forged Steel, Normalized	A015N	Low Carbon
15	Seat Rings	410 Stainless Steel	A276	Hard Faced
16	Wedge	CA-15 Stainless Steel	A217	Heat Treated
17	Body	Forged Steel, Normalized	A105N	Low Carbon

Operating Nut and Stem thread Lubricated

**\* Recommended Spare Parts**

Note: Materials of construction may vary due to availability and Production runs, however parts will still conform to the requirements of API 602.



DIMENSIONAL SPECIFICATIONS				NOTE: Dimensions shown are subject to change. Contact factory for certified prints (exact dimensions) when required.				
Size	Handwheel Dia.	End To End	Center to Top(Open)	Port	Socket Weld Bore	Socket Weld Depth	Approximate Weight	Typical Cv Factors
1/4	4	3	6-1/4	9/32	.555	.375	4	2.3
3/8	4	3	6-1/4	25/64	.690	.375	4	5.7
1/2	4	3	6-1/4	25/64	.855	.375	4	5.1
3/4	4	3-1/2	6-1/2	1/2	1.065	.500	4-1/2	9.3
1	4-1/2	4-1/8	8-1/2	3/4	1.330	.500	6-1/2	24.8
1-1/4	5-1/2	4-3/4	9-1/2	1-3/16	1.675	.500	13	67.8
1-1/2	5-1/2	4-3/4	9-1/2	1-3/16	1.915	.500	13	70.9
2	6-5/8	5-1/4	11-1/4	1-15/32	2.406	.625	18	91.6

## RP&C VALVE

A Division of Conbraco Industries, Inc.

RPBI9000-99

Hwy. 501 East  
 Conway, SC 29526  
 843/347-4666 (PHONE)  
 843/347-1773 (FAX)

# RP&C FORGED STEEL GATE VALVES

**CLASS  
800**

**EC56D** NPT ENDS SIZES 1/4" THRU 2"

**EC57D** SOCKET WELD ENDS

- ASTM A182 Gr. F5
- **WORKING PRESSURE (NON-SHOCK)**  
600 PSIG @ 1615° F. Steam-Oil  
800 PSIG @ 1355° F. Steam-Oil  
2000 PSIG @ -20° To 100° F.

**EK56D** NPT ENDS SIZES 1/4" THRU 2"

**EK57D** SOCKET WELD ENDS

- ASTM A182 Gr. F22 Cl. 3
- **WORKING PRESSURE (NON-SHOCK)**  
600 PSIG @ 1615° F. Steam-Oil  
800 PSIG @ 1355° F. Steam-Oil  
2000 PSIG @ -20° To 100° F.
- **STANDARD PORT**
- **OS&Y – BOLTED BONNET**
- **CONFORM TO THE APPLICABLE PARTS OF THE FOLLOWING SPECIFICATIONS:**

API  
API 591 API 598 API 602  
ASME/ANSI

B1.20.1 B16.11 B16.34 B31.1 B31.3

NOTE: Valve can be furnished to meet NACE SPEC. MR0175.

- **MATERIALS OF CONSTRUCTION**  
D TRIM (13 Cr/HF) STANDARD (See Page 8 for optional trims)

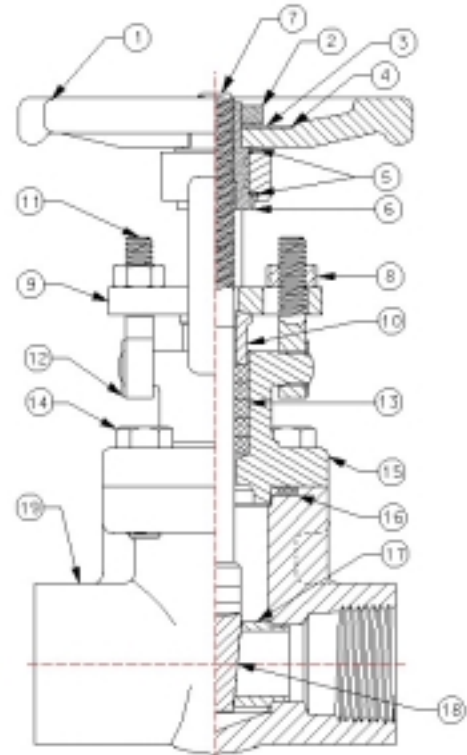
No.	Part	Material	ASTM Spec.	Remarks
1	Handwheel	Malleable Iron	A47	Gr. 32510
2	Handwheel Nut	Steel	A108	
3	Internal Tooth Lockwasher	Steel		
4	Nameplate	Aluminum		
5	Thrust Washer	Stainless Steel		Hardened
6	Operating Nut	416 Stainless Steel	A582	
7	Stem	410 Stainless Steel	A276	
8	Gland Nuts	303 Stainless Steel	A194	Grade 8F
9	Gland Flange	Carbon Steel	A108	Grade 1018
10	Gland	Carbon Steel	B484	Gr. 1, Cl. C, Type 1
11	Eyebolt	410 Stainless Steel		Hardened & Tempered
12	Eyebolt Washer	Carbon Steel		Grade 1018
13a	* Packing	Graphite		Grafoil® (241 or equal)
13b	* Wiper Rings	Braided Graphite		1630GF or equal
14	Bonnet Bolts	Alloy Steel	A193	Grade B16
15	Bonnet	Chrome Moly	A182	Grade F5/F22
16	* Gasket	316 SS/Grafoil®		Spiral Wound
17	Seat Rings	410 Stainless Steel	A276	Hard Faced
18	Wedge	CA-15 Stainless Steel	A217	Heat Treated
19	Body	Chrome Moly	A182	Grade F5/F22

Operating Nut and Stem thread Lubricated

**\* Recommended Spare Parts**

Note: Materials of construction may vary due to availability and Production runs, however parts will still conform to the requirements of API 602.

DIMENSIONAL SPECIFICATIONS					NOTE: Dimensions shown are subject to change. Contact factory for certified prints (exact dimensions) when required.			
Size	Handwheel Dia.	End To End	Center to Top(Open)	Port	Socket Weld Bore	Socket Weld Depth	Approximate Weight	Typical Cv Factors
1/4	4	3	6-1/4	9/32	.555	.375	4	2.3
3/8	4	3	6-1/4	25/64	.690	.375	4	5.7
1/2	4	3	6-1/4	25/64	.855	.375	4	5.1
3/4	4	3-1/2	6-1/2	1/2	1.065	.500	4-1/2	9.3
1	4-1/2	4-1/8	8-1/2	3/4	1.330	.500	6-1/2	24.8
1-1/4	5-1/2	4-3/4	9-1/2	1-3/16	1.675	.500	13	67.8
1-1/2	5-1/2	4-3/4	9-1/2	1-3/16	1.915	.500	13	70.9
2	6-5/8	5-1/4	11-1/4	1-15/32	2.406	.625	18	91.6



MINIMUM QUANTITIES MAY BE REQUIRED

## RP&C VALVE

A Division of Conbraco Industries, Inc.

RPBI9000-99

Hwy. 501 East  
Conway, SC 29526  
843/347-4666 (PHONE)  
843/347-1773 (FAX)

**CLASS  
800**

# RP&C FORGED STEEL GATE VALVES

**ELF56D** NPT ENDS SIZES ¼" THRU 2"  
**ELF57D** SOCKET WELD ENDS

- FORGED STEEL
- ASTM A350 Gr. LF2
- STANDARD PORT
- OS&Y – BOLTED BONNET
- WORKING PRESSURE (NON-SHOCK)
  - 1100 PSIG @ 800° F. Steam-Oil
  - 1975 PSIG @ -50° To 100° F.
  - 800°F. IS MAX. OPERATING TEMP. FOR LF2
- CONFORM TO THE APPLICABLE PARTS OF THE FOLLOWING SPECIFICATIONS:

API  
 API 591 API 598 API 602  
 ASME/ANSI

B1.20.1 B16.11 B16.34 B31.1 B31.3

NOTE: Valve can be furnished to meet NACE SPEC. MR0175.

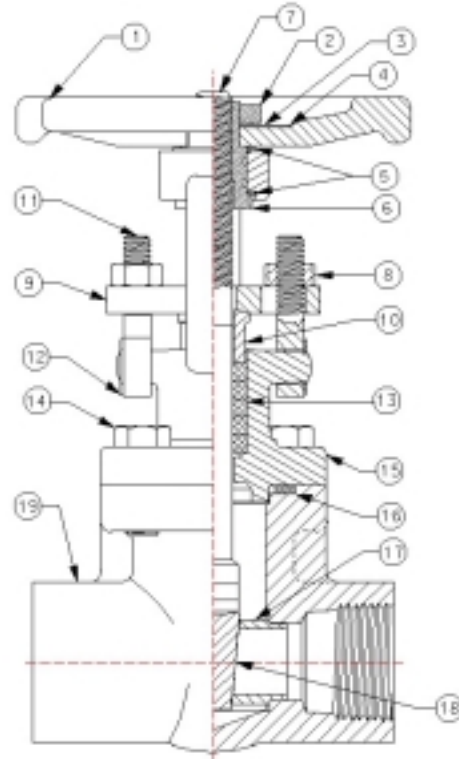
- MATERIALS OF CONSTRUCTION  
 D TRIM (13 Cr/HF) STANDARD (See Page 8 for optional trims)

No.	Part	Material	ASTM Spec.	Remarks
1	Handwheel	Malleable Iron	A47	Gr. 32510
2	Handwheel Nut	Steel	A108	
3	Internal Tooth Lockwasher	Steel		
4	Nameplate	Aluminum		
5	Thrust Washer	Stainless Steel		Hardened
6	Operating Nut	416 Stainless Steel	A582	
7	Stem	410 Stainless Steel	A276	
8	Gland Nuts	303 Stainless Steel	A194	Grade 8F
9	Gland Flange	Carbon Steel	A108	Grade 1018
10	Gland	Carbon Steel	B484	Gr. 1, Cl. C, Type 1
11	Eyebolt	410 Stainless Steel		Hardened & Tempered
12	Eyebolt Washer	Carbon Steel		Grade 1018
13a	* Packing	Graphite		Grafoil® (241 or equal)
13b	* Wiper Rings	Braided Graphite		1630GF or equal
14	Bonnet Bolts	Alloy Steel	A193	Grade B8M Cl.2
15	Bonnet	Forged Steel	A350	Gr. LF2
16	* Gasket	316 SS/Grafoil®		Spiral Wound
17	Seat Rings	410 Stainless Steel	A276	Hard Faced
18	Wedge	CA-15 Stainless Steel	A217	Heat Treated
19	Body	Forged Steel	A350	Gr. LF2

Operating Nut and Stem thread Lubricated

**\* Recommended Spare Parts**

Note: Materials of construction may vary due to availability and Production runs, however parts will still conform to the requirements of API 602.



MINIMUM QUANTITIES MAY BE REQUIRED

DIMENSIONAL SPECIFICATIONS				NOTE: Dimensions shown are subject to change. Contact factory for certified prints (exact dimensions) when required.				
Size	Handwheel Dia.	End To End	Center to Top(Open)	Port	Socket Weld Bore	Socket Weld Depth	Approximate Weight	Typical Cv Factors
¼	4	3	6-1/4	9/32	.555	.375	4	2.3
3/8	4	3	6-1/4	25/64	.690	.375	4	5.7
1/2	4	3	6-1/4	25/64	.855	.375	4	5.1
3/4	4	3-1/2	6-1/2	1/2	1.065	.500	4-1/2	9.3
1	4-1/2	4-1/8	8-1/2	3/4	1.330	.500	6-1/2	24.8
1-1/4	5-1/2	4-3/4	9-1/2	1-3/16	1.675	.500	13	67.8
1-1/2	5-1/2	4-3/4	9-1/2	1-3/16	1.915	.500	13	70.9
2	6-5/8	5-1/4	11-1/4	1-15/32	2.406	.625	18	91.6

## RP&C VALVE

A Division of Conbraco Industries, Inc.

RPBI9000-99

Hwy. 501 East  
 Conway, SC 29526  
 843/347-4666 (PHONE)  
 843/347-1773 (FAX)



**CLASS  
800**

# RP&C FORGED STEEL GATE VALVES

**ES56A** NPT ENDS SIZES 1/4" THRU 2"

**ES57A** SOCKET WELD ENDS

- **STAINLESS STEEL**
- **ASTM A182 Gr. F316/F316L**
- **STANDARD PORT**
- **OS&Y – BOLTED BONNET**
- **WORKING PRESSURE (NON-SHOCK)**  
600 PSIG @ 1200° F. Steam-Oil  
800 PSIG @ 1130° F. Steam-Oil  
1920 PSIG @ -20° To 100° F.
- **CONFORM TO THE APPLICABLE PARTS OF THE FOLLOWING SPECIFICATIONS:**  
API  
API 591 API 598 API 602  
ASME/ANSI  
B1.20.1 B16.11 B16.34 B31.1 B31.3

NOTE: Valve can be furnished to meet NACE SPEC. MR0175.

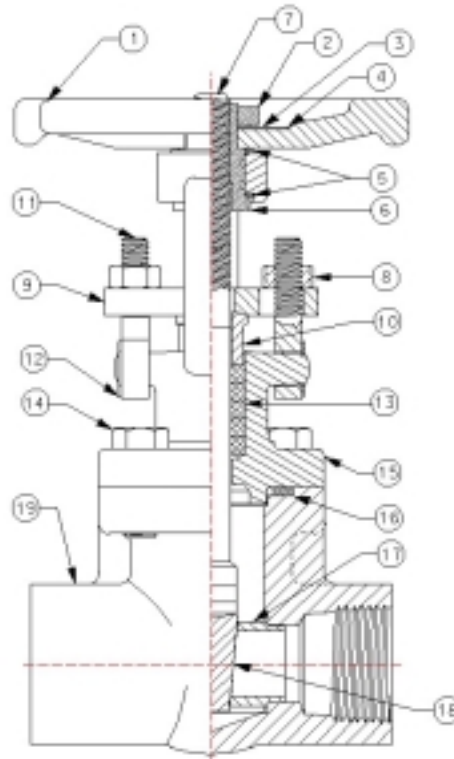
- **MATERIALS OF CONSTRUCTION**  
A TRIM (316 SST) STANDARD (See Page 8 for optional trims)

No.	Part	Material	ASTM Spec.	Remarks
1	Handwheel	Malleable Iron	A47	Gr. 32510
2	Handwheel Nut	Steel	A108	
3	Internal Tooth Lockwasher	Steel		
4	Nameplate	Aluminum		
5	Thrust Washer	Stainless Steel		Hardened
6	Operating Nut	416 Stainless Steel	A582	
7	Stem	316 Stainless Steel	A276	
8	Gland Nuts	303 Stainless Steel	A194	Grade 8F
9	Gland Flange	316 Stainless Steel	A240	Grade 1018
10	Gland	316 Stainless Steel	B525	Gr. 2, Type 1
11	Eyebolt	316 Stainless Steel		
12	Eyebolt Washer	Carbon Steel		Grade 1018
13a	* Packing	Graphite		Grafoil® (241 or equal)
13b	* Wiper Rings	Braided Graphite		1630GF or equal
14	Bonnet Bolts	Alloy Steel	A193	Grade B8M Cl. 2
15	Bonnet	Forged Stainless Steel	A182	Gr. F316/F316L
16	* Gasket	316 SS/Grafoil®		Spiral Wound
17	Seat Rings	316 Stainless Steel	A276	Hard Faced
18	Wedge	316 Stainless Steel	A351	Grade CF8M
19	Body	Forged Stainless Steel	A182	Gr. F316/F316L

Operating Nut and Stem thread Lubricated

**\* Recommended Spare Parts**

Note: Materials of construction may vary due to availability and Production runs, however parts will still conform to the requirements of API 602.



DIMENSIONAL SPECIFICATIONS				NOTE: Dimensions shown are subject to change. Contact factory for certified prints (exact dimensions) when required.				
Size	Handwheel Dia.	End To End	Center to Top(Open)	Port	Socket Weld Bore	Socket Weld Depth	Approximate Weight	Typical Cv Factors
1/4	4	3	6-1/4	9/32	.555	.375	4	2.3
3/8	4	3	6-1/4	25/64	.690	.375	4	5.7
1/2	4	3	6-1/4	25/64	.855	.375	4	5.1
3/4	4	3-1/2	6-1/2	1/2	1.065	.500	4-1/2	9.3
1	4-1/2	4-1/8	8-1/2	3/4	1.330	.500	6-1/2	24.8
1-1/4	5-1/2	4-3/4	9-1/2	1-3/16	1.675	.500	13	67.8
1-1/2	5-1/2	4-3/4	9-1/2	1-3/16	1.915	.500	13	70.9
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Conway, SC 29526  
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843/347-1773 (FAX)

# RP&C FORGED STEEL GATE VALVES

**CLASS  
800**

## ESWB56A NPT ENDS SIZES 1/4" THRU 2" ESWB57A SOCKET WELD ENDS

- **STAINLESS STEEL**
- **ASTM A182 Gr. F316/F316L**
- **STANDARD PORT**
- **OS&Y – WELDED BONNET**
- **WORKING PRESSURE (NON-SHOCK)**  
600 PSIG @ 1200° F. Steam-Oil  
800 PSIG @ 1130° F. Steam-Oil  
1920 PSIG @ -20° To 100° F.
- **CONFORM TO THE APPLICABLE PARTS OF THE FOLLOWING SPECIFICATIONS:**  
**API**  
**API 591 API 598 API 602**  
**ASME/ANSI**  
**B1.20.1 B16.11 B16.34 B31.1 B31.3**  
NOTE: Valve can be furnished to meet NACE SPEC. MR0175.

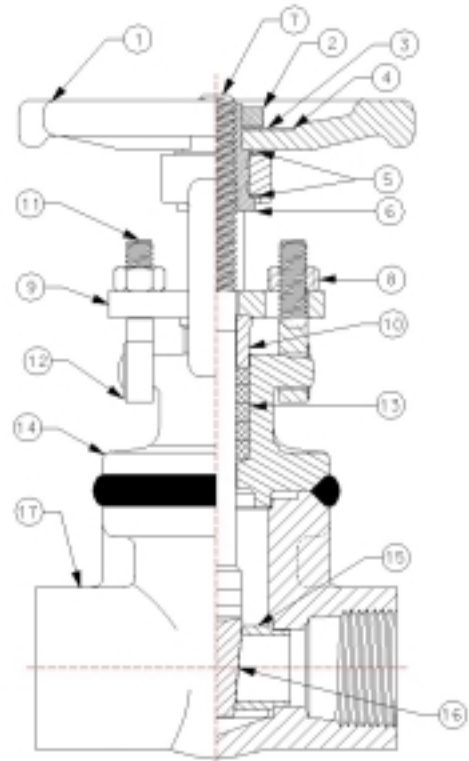
- **MATERIALS OF CONSTRUCTION**  
A TRIM (316 SST) STANDARD (See Page 8 for optional trims)

No.	Part	Material	ASTM Spec.	Remarks
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4	Nameplate	Aluminum		
5	Thrust Washer	Stainless Steel		Hardened
6	Operating Nut	416 Stainless Steel	A582	
7	Stem	316 Stainless Steel	A276	
8	Gland Nuts	303 Stainless Steel	A194	Grade 8F
9	Gland Flange	316 Stainless Steel	A240	Grade 1018
10	Gland	316 Stainless Steel	B525	Gr. 2, Type 1
11	Eyebolt	316 Stainless Steel		
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13a	* Packing	Graphite		Grafoil® (241 or equal)
13b	* Wiper Rings	Braided Graphite		1630GF or equal
14	Bonnet	Forged Stainless Steel	A182	Gr. F316/F316L
15	Seat Rings	316 Stainless Steel	A276	Hard Faced
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17	Body	Forged Stainless Steel	A182	Gr. F316/F316L

Operating Nut and Stem thread Lubricated

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