

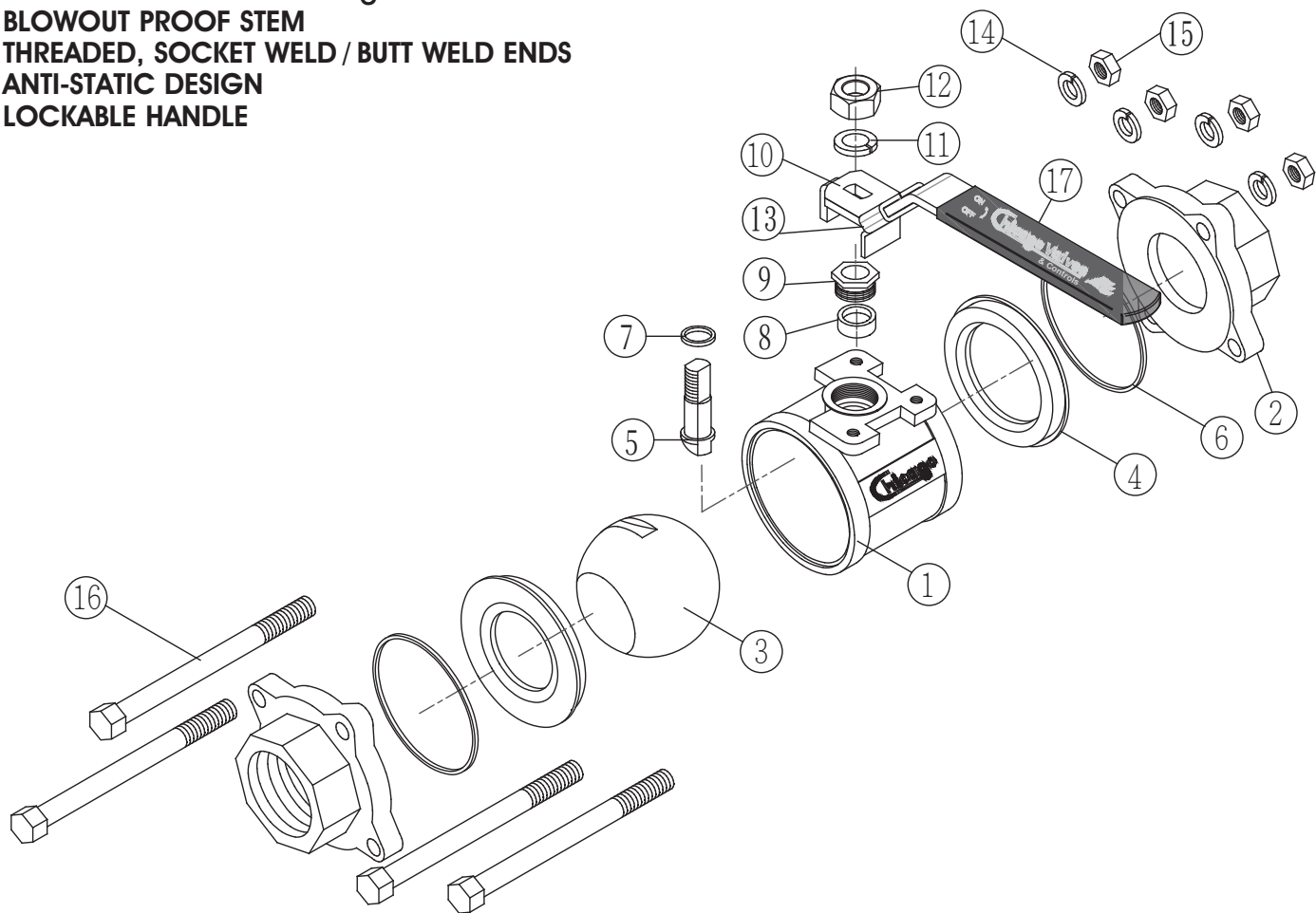
Chicago Valves & Controls



————— **SERIES 34** —————
FULL PORT 3PC BALL VALVE

1000 CWP
316 STAINLESS STEEL - ASTM A351 CF8M
CARBON STEEL - ASTM A216 WCB (ENDS)
STEAM RATING: 150 PSI WSP
VACUUM SERVICE TO 29" Hg
BLOWOUT PROOF STEM
THREADED, SOCKET WELD / BUTT WELD ENDS
ANTI-STATIC DESIGN
LOCKABLE HANDLE

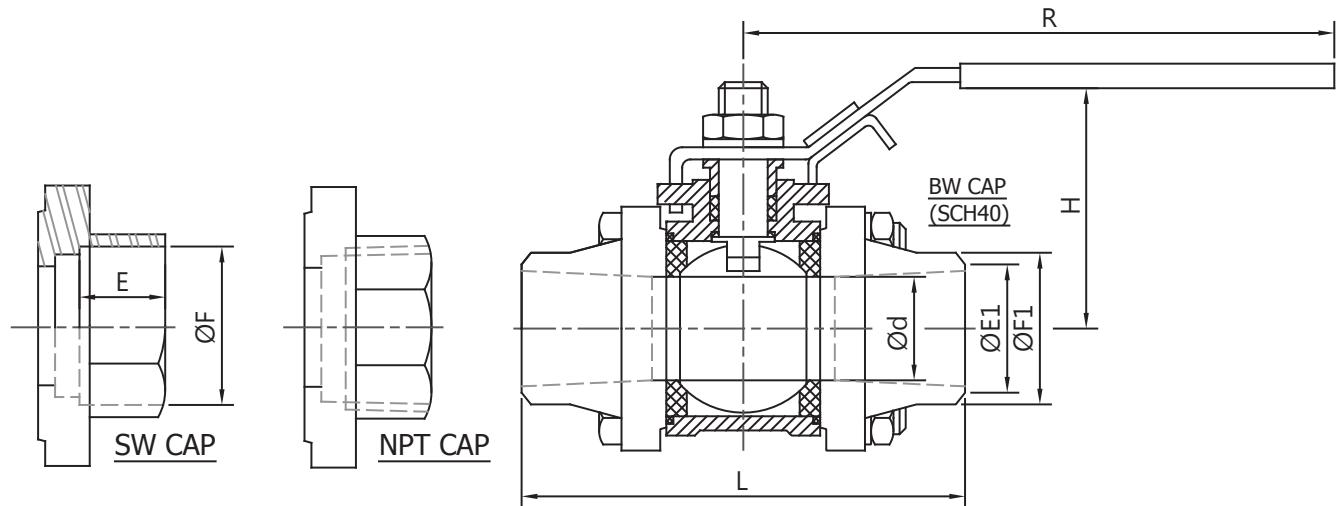
Series 34



PARTS AND MATERIAL

PART NO.	PART NAME	QTY.	MATERIAL
1	Body	1	316 Stainless Steel ASTM A351 CF8M
2	End Cap	2	Carbon Steel ASTM A216 WCB 316 Stainless Steel ASTM A351 CF8M
3	Ball	1	316 Stainless Steel
4	Seat	2	RTFE
5	Stem	1	316 Stainless Steel
6	Body Seals	2	PTFE
7	Thrust Washer	1	Carbon Fill PTFE
8	Stem Packing	1	PTFE
9	Gland Packing	1	300 Series Stainless Steel
10	Handle	1	300 Series Stainless Steel
11	Handle Washer	1	300 Series Stainless Steel
12	Handle Nut	1	300 Series Stainless Steel
13	Locking Device	1	300 Series Stainless Steel
14	Spring Washer	4	300 Series Stainless Steel
15	Nuts	4	300 Series Stainless Steel
16	Body Bolts	4	300 Series Stainless Steel
17	Handle Sleeve	1	PVC

Series 34



DIMENSIONS (INCHES)

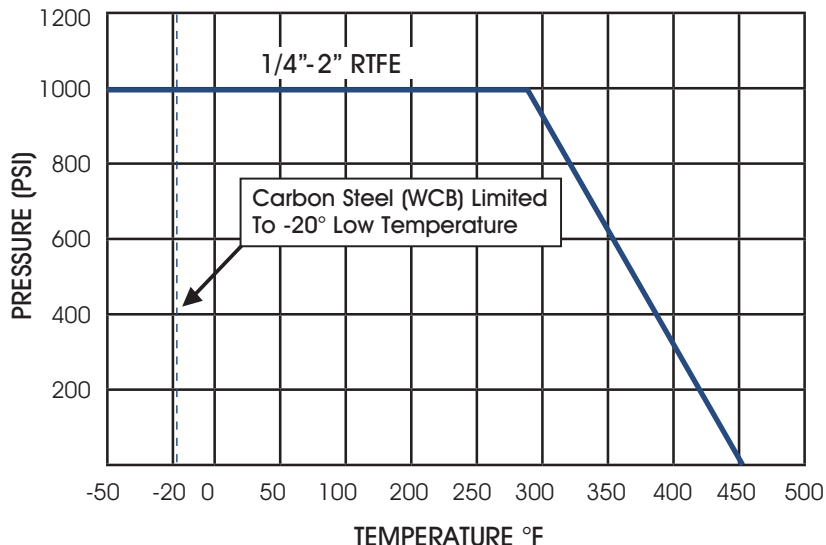
SIZE	L	d	E	F	H	R	L1 (BW)	E1	F1
1/4"	2.50	0.46	0.44	0.56	2.21	4.00	2.56	0.36	0.54
3/8"	2.50	0.50	0.44	0.69	2.21	4.00	2.56	0.49	0.68
1/2"	2.83	0.59	0.44	0.86	2.36	4.00	2.83	0.62	0.84
3/4"	3.34	0.79	0.56	1.07	2.47	5.00	3.34	0.82	1.05
1"	3.62	0.98	0.72	1.33	2.81	5.70	3.62	1.05	1.32
1 1/4"	4.33	1.26	0.72	1.68	3.08	5.70	4.33	1.38	1.66
1 1/2"	4.83	1.50	0.75	1.92	3.47	7.50	4.83	1.61	1.90
2"	5.58	2.00	0.84	2.41	3.82	7.50	5.58	2.07	2.38

APPLICABLE STANDARDS

SHELL TEST	ASME B16.34
SEAT TEST	ASME B16.34
THREADED AND SOCKET WELD ENDS	ASME B16.11
BUTT WELD ENDS	ASME B16.25

SIZE	CV (GPM)	WEIGHT (LBS)
1/4"	20	0.9
3/8"	25	0.9
1/2"	28	1.1
3/4"	50	1.8
1"	70	2.6
1 1/4"	110	4.0
1 1/2"	170	6.3
2"	395	9.7

PRESSURE-TEMPERATURE RATING 1/4"-4" SERIES 34



HOW TO ORDER

1" Size	34 Series	6 Body 6 Ball & Stem R Seats	6 Ends (Alloy)	TE Ends	OH Options
SIZE	SERIES	BODY	ENDS	ENDS	OPTIONS
1/4"	34	6 316 Stainless Steel	6 316 Stainless Steel	TE Threaded Ends	OH Oval Handle
3/8"		4 Carbon Steel	4 Carbon Steel	SW Socket Weld Ends	
1/2"				T/S Threaded / Socket Weld	
3/4"		BALL & STEM		BW4 Butt Weld SCH 40	
1"		6 316 Stainless Steel		BW1* Butt Weld SCH 10	
1 1/4"					
1 1/2"		SEATS			
2"		R RTFE			

*6-316 Stainless Steel

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Toll-Free (833) 831-2312

Local (312) 637-3557

Fax: (312) 637-3543

E-Mail: sales@chicagovalves.com

www.chicagovalves.com

885 Cambridge Dr.

Elk Grove Village, Illinois 60007 U.S.A.