

STAINLESS STEEL VALVES

1-PC Stainless Steel Ball Valve – Reduced Port, 1000 WOG

KV108

Description

This specification covers 1-PC Stainless Steel Ball Valves used in piping applications as determined by Engineering as a function of what is being transported in the system, pressure ratings, temperature of material and line pressure.

Specifications

Stainless Steel Valves in 1-PC provided by Merit Brass Co. are reduced port and designed to Class 1000 WOG. The housing shall conform to ASTM A351 CF8M (316 SS) with PTFE seats securing a stainless steel (CF8M - 316 SS) ball. This product is suitable for above, or below ground, applications.



Size Range

- 1/4" – 2"

Ends

- NPT

Project Information	Approval Stamp
Project Name:	Approved
Project Location:	Approved As Noted
Project Contractor:	Not Approved
Project Engineer:	Remarks:
Project Distributor:	
Project Rep:	
Submittal Date:	
Notes 1:	
Notes 2:	

For the Master Carton (Box) Quantity List, please visit meritbrass.com. Some items not shown may be available upon request. Some items and sizes may be discontinued when stock is depleted and may require a minimum order quantity. Certain inventory limitations may apply. For list prices in Excel, please download by logging onto meritbrass.com. Contact our Sales Team for details at contactus@meritbrass.com. Every precaution has been taken in preparing this submittal, however, Merit Brass Company cannot be held responsible for typographical errors or omissions.

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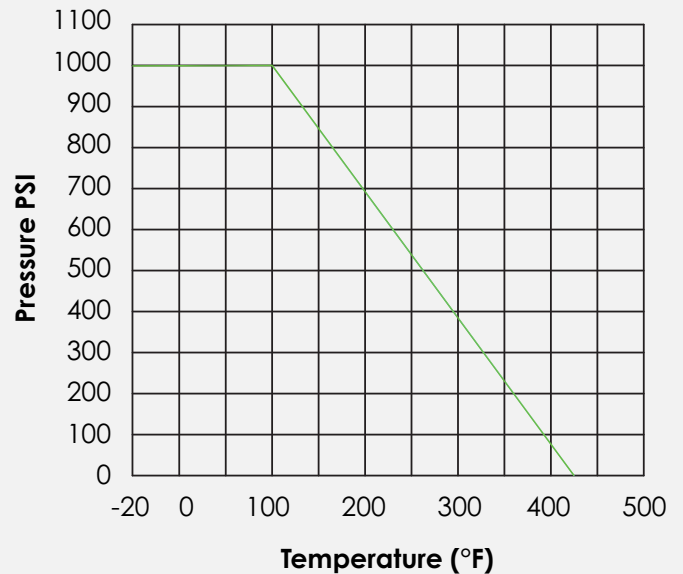
Design Features

- Blow-out Proof Stem
- Pressure Balance Hole in Ball Slot
- Double Reduced Port
- Various Thread Standards Available
- Locking Device is Available Upon Request
- Casting Approved by TÜV AD 2000 - Merkblatt W0

Applicable Standards

- Design: ASME B16.34, MSS SP-110
- Wall Thickness: EN 12516-3
- Pipe Thread: ASME B1.20.1
- Inspection & Testing: MSS SP-110

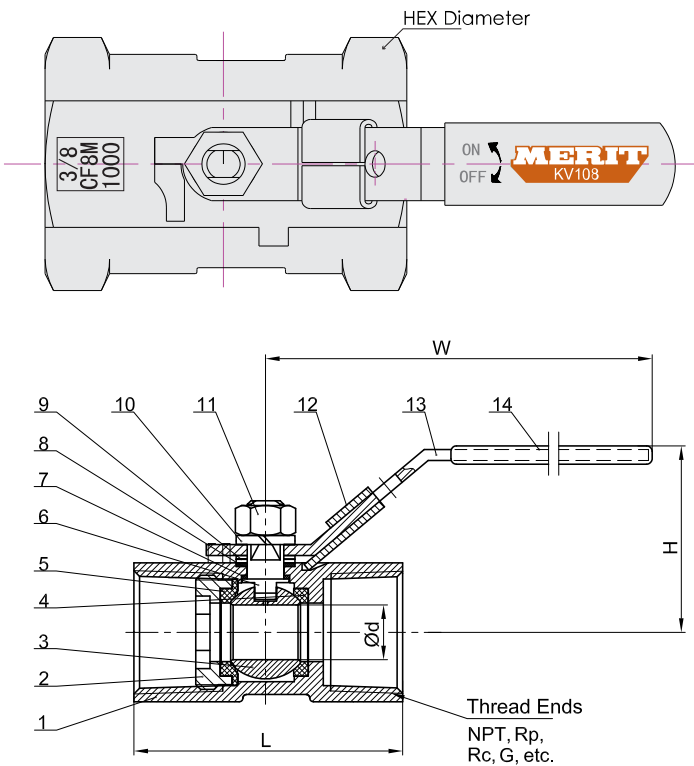
Size	Cv	Weight (Lbs)	Port	Torque (In-Lbs)
1/4"	4	0.16	0.20	40
3/8"	7	0.24	0.28	40
1/2"	12	0.42	0.36	44
3/4"	23	0.64	0.49	44
1"	30	0.93	0.59	53
1-1/4"	55	1.39	0.79	97
1-1/2"	96	1.90	0.98	168
2"	170	3.27	1.26	230



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No.	Part Name	Materials
1	Body	ASTM A351 CF8M(1.4408)
2	End Cap	ASTM A351 CF8M
3	Ball	CF8M (316)
4	Ball Seat (1)	PTFE
5	Ball Seat (2)	PTFE
6	Stem	ASTM A276 316
7	Thrust Washer	PTFE
8	Stem Packing	PTFE
9	Gland	SUS 304
10	Spring Washer	SUS 304
11	Stem Nut	A2-70
12	Lock Device	SUS 304
13	Handle	SUS 304
14	Handle Sleeve	PVC

Unit: Inch

Size	d	L	H	W	Hex Diameter
1/4"	0.20	1.63	1.38	2.76	0.67
3/8"	0.28	1.85	1.46	3.15	0.83
1/2"	0.36	2.28	1.73	3.62	0.98
3/4"	0.49	2.40	1.85	3.62	1.26
1"	0.59	2.89	2.05	4.53	1.50
1-1/4"	0.79	3.07	2.32	4.53	1.89
1-1/2"	0.98	3.35	2.64	5.00	2.09
2"	1.26	4.02	2.95	5.00	2.60

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LOCATIONS

SPARKS DISTRIBUTION CENTER
200 Vista Boulevard Suite #106
Sparks, NV 89434

LONG BEACH PIPE DEPOT
2396 E. Artesia Blvd
Long Beach, CA 90805

DALLAS DISTRIBUTION CENTER
10614 King William Drive
Dallas, TX 75220

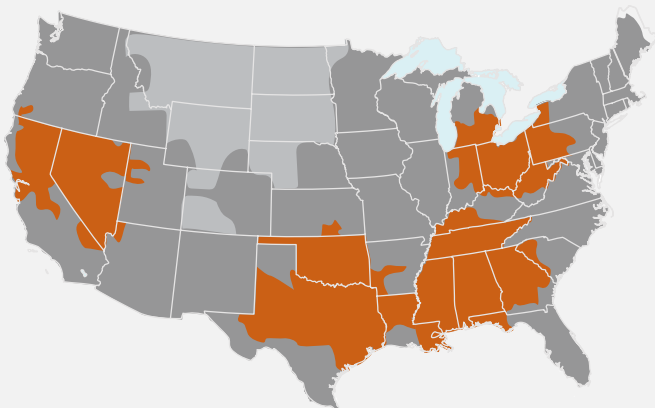
CLEVELAND HEADQUARTERS
One Merit Drive/PO Box 43127
Cleveland, OH 44143

BIRMINGHAM DISTRIBUTION CENTER
220 Oxmoor Court
Birmingham, AL 35209

HOUSTON DISTRIBUTION CENTER
4680 S. Sam Houston Pkwy W, Suite 120
Houston, TX 77053

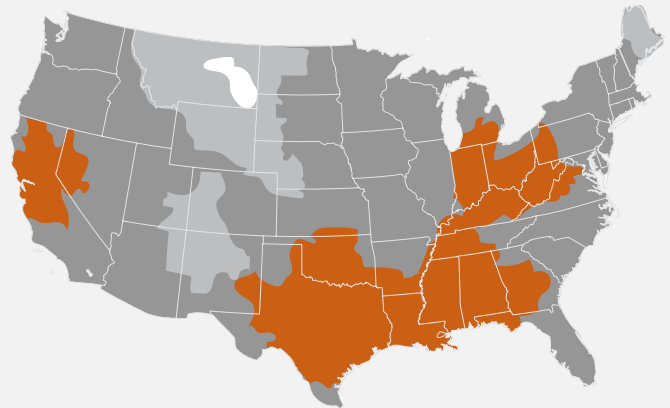
SHIPPING TIMES

UPS



1 Day 2 Days 3 Days

FedEx



1 Day 2 Days 3 Days 4 Days

*FedEx is Merit's Primary Carrier

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