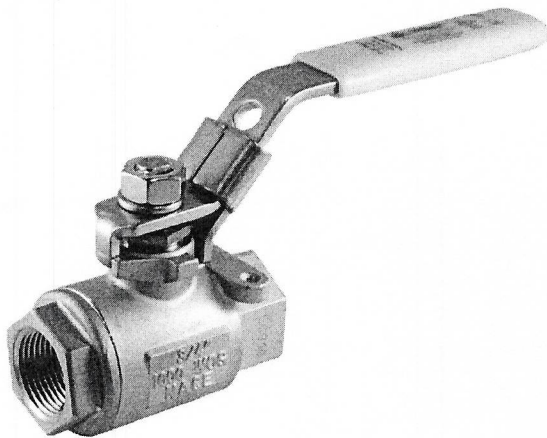
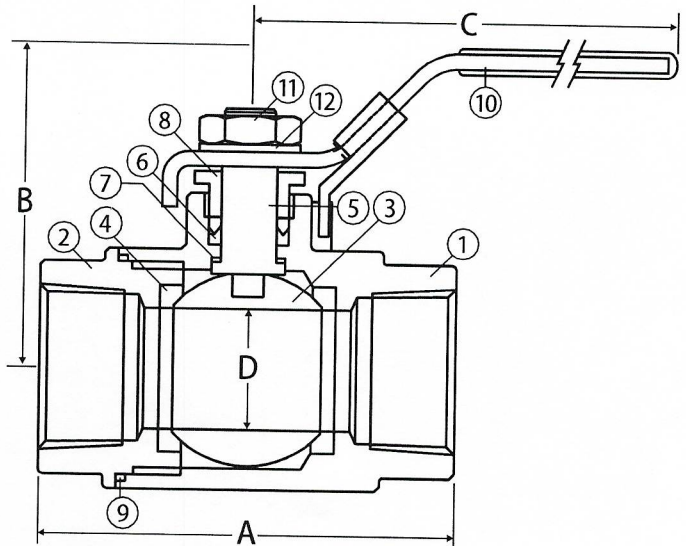


Stainless Steel Ball Valve

2 Piece • Full Port • Threaded Connection • 1000 WOG



T-SS-1001N



Features

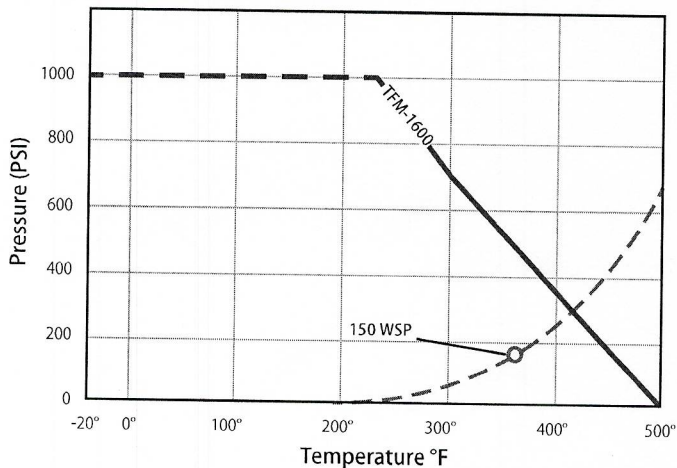
- Solid ball construction
- Latch lock handle may be locked in open or closed position
- 29 in-Hg vacuum rating
- 100% leak tested
- Wetted surfaces contain less than .25% lead content

Approvals

- UL Listed
 - MHKZ - Manual valves
 - YQNZ - Compressed gas shut-off valves
 - YRBX - Flammable liquid shut-off valves
 - YRPV - Gas shut-off valves
 - YSDT - LP gas shut-off valves
- Conforms to API 598
- MSS SP-110, SP-61, SP-82
- NACE Certified
- ANSI B1.20.1

Valve Seat Rating

1000 WOG - 150 WSP



Material Specifications

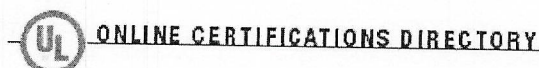
No.	Part	Materials
1	Body	CF8M Stainless Steel
2	End Connection	CF8M Stainless Steel
3	Ball	CF8M Stainless Steel
4	Seat (2)	Hostafon® TFM 1600
5	Stem	316 Stainless Steel
6	Packing (2)	RPTFE
7	Stem Seal	Hostafon® TFM 1600
8	Packing Gland	316 Stainless Steel
9	Body Seal	Hostafon® TFM 1600
10	Handle	304 Stainless Steel
11	Handle Nut	304 Stainless Steel
12	Lock Washer	304 Stainless Steel

Dimensions

Part No.	Size	A	B	C	D	Torque
100-961	1/4"	2.20	2.20	4.21	0.43	40
100-962	3/8"	2.20	2.20	4.21	0.43	40
100-963	1/2"	2.60	2.30	4.21	0.56	40
100-964	3/4"	2.99	2.79	5.73	0.81	60
100-965	1"	3.54	2.96	5.73	1.00	70
100-966	1-1/4"	3.94	3.56	7.45	1.25	110
100-967	1-1/2"	4.41	3.84	7.45	1.50	170
100-968	2"	5.00	4.24	8.08	1.97	250



WARNING: This product can expose you to chemicals including diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and diisononyl phthalate (DINP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.



MHKZ.GuideInfo Manual Valves

[View Listings](#)[Page Bottom](#)

[Heating and Heating-Cooling Appliance Accessories] (Valves) Manual Valves

[See General Information for Valves](#)

USE

This category covers manually-operated valves intended specifically for use with gas- or oil-burning equipment:

Metering valves are intended primarily for use in the burner fuel supply line to manually regulate the flow of fuel to the burner.

Shutoff valves are intended for use in the burner supply line to manually shut off the flow of fuel to the burner.

Three-way valves are intended for use in burner installations with two interconnected sources of fuel supply to allow fuel to be admitted to the burner from only one source at a time.

The type of fluid for which a valve has been investigated is designated in accordance with the symbols referenced under Valves (MFVV).

This equipment is intended for use with fuels formulated in accordance with 40CFR80, "Regulation of Fuels and Fuel Additives," and the following:

- a) gasoline formulated in accordance with ANSI/ASTM D4814, "Standard Specification for Automotive Spark-Ignition Engine Fuel"
- b) gasoline/ethanol blends at levels designated as "gasohol" (E10) or less formulated in accordance with ANSI/ASTM D4814, when blended with denatured fuel ethanol formulated in accordance with ANSI/ASTM D4806, "Standard Specification for Denatured Fuel Ethanol for Blending with Gasolines for Use as Automotive Spark-Ignition Engine Fuel"
- c) gasoline/ethanol blends at levels designated greater than 10% ethanol (E10) formulated in accordance with ANSI/ASTM D5798, "Standard Specification for Fuel Ethanol (Ed75-Ed85) for Automotive Spark-Ignition Engines"
- d) diesel fuel formulated in accordance with ANSI/ASTM D975, "Standard Specification for Diesel Fuel Oils"
- e) kerosene formulated in accordance with ANSI/ASTM D3699, "Standard Specification for Kerosine"
- f) fuel oil (heating fuel) formulated in accordance with ANSI/ASTM D396, "Standard Specification for Fuel Oils"

Unless otherwise specified in the individual Listings, suitability of use with biofuels has not been determined.

ADDITIONAL INFORMATION

For additional information, see Heating, Cooling, Ventilating and Cooking Equipment (AAHC).

REQUIREMENTS

The basic standard used to investigate products in this category is ANSI/UL 842, "Valves for Flammable Fluids."

Products suitable for use with E85 (nominally 15% gasoline/85% ethanol) are additionally investigated to [UL Subject 87A](#), "Outline of Investigation for Power-Operated Dispensing Devices for Gasoline/Ethanol Blends Other Than Gasohol (E10)."

UL MARK

The Listing Mark of Underwriters Laboratories Inc. on the product, or the UL symbol on the product and the Listing Mark on the smallest unit container in which the product is packaged, is the only method provided by UL to identify products manufactured under its Listing and Follow-Up Service. The Listing Mark for these products includes the UL symbol (as illustrated in the Introduction of this Directory) together with the word "LISTED," a control number, and the product name "Manual Valve," or other appropriate product name as shown in the individual Listings. The statement "___ psi max" is also included if not marked elsewhere on the valve.

UL, in performing its functions in accordance with its objectives, does not assume or undertake to discharge any responsibility of the manufacturer or any other party. UL shall not incur any obligation or liability for any loss, expense or damages, including incidental or consequential damages, arising out of or in connection with the use, interpretation of, or reliance upon this Guide Information.

Last Updated on 2008-10-27

[Questions?](#)

[Print this page](#)

[Notice of Disclaimer](#)

[Page Top](#)

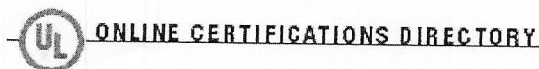
Copyright © 2010 Underwriters Laboratories Inc.®

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Listed and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Designs and/or Listings (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from Underwriters Laboratories Inc." must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "Copyright © 2010 Underwriters Laboratories Inc.®"

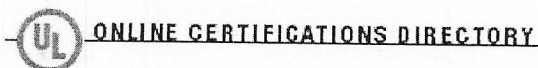
An independent organization working for a safer world with integrity, precision and knowledge.



**Search results**

Number of hits: 61 The maximum number of hits returned is 5000.		
You may choose to Refine Your Search .		
Company Name	Category Name	Link to File
A Y MCDONALD MFG CO	Manual Valves	MHKZ.MH19753
AMERICAN VALVE INC	Manual Valves	MHKZ.MH29001
ANDERSON BRASS CO	Manual Valves	MHKZ.MP2250
ANSUL INC	Manual Valves	MHKZ.MH16242
BIANCHI F LLI S R L	Manual Valves	MHKZ.MH25038
BOSTON METAL PRODUCTS LTD	Manual Valves	MHKZ.MH20610
CAV UFF GIACOMO CIMBERIO SPA	Manual Valves	MHKZ.MH18523
CIRCOR ENERGY PRODUCTS INC	Manual Valves	MHKZ.MH45725
COMAP S A	Manual Valves	MHKZ.MH20548
CONBRACO INDUSTRIES INC	Manual Valves	MHKZ.MH9171
CONBRACO INDUSTRIES INC	Manual Valves	MHKZ.MH18844
CRANE FLUID SYSTEMS	Manual Valves	MHKZ.MH20422
EAYUAN METAL INDUSTRIAL CO LTD	Manual Valves	MHKZ.MH26563
ECLIPSE INC	Manual Valves	MHKZ.MH7949
ENGINEERED CONTROLS INTERNATIONAL INC	Manual Valves	MHKZ.MH12276
Page: 1		

Model number information is not published for all product categories. If you require information about a specific model number, please contact [Customer Service](#) for further assistance.

**Search results**

Number of hits: 61 The maximum number of hits returned is 5000.		
You may choose to Refine Your Search.		
Company Name	Category Name	Link to File
FIVES NORTH AMERICAN COMBUSTION INC	Manual Valves	MHKZ.MH5046
FLOWSERVE US INC	Manual Valves	MHKZ.MH6759
FORTUNE MFG CO LTD	Manual Valves	MHKZ.MH27804
FRATELLI PETTINAROLI S P A	Manual Valves	MHKZ.MH15588
FU SAN MACHINERY CO LTD	Manual Valves	MHKZ.MH15973
GIACOMINI SPA	Manual Valves	MHKZ.MH15525
HAUCK MFG CO	Manual Valves	MHKZ.MH6966
HIGHFIELD MFG CO	Manual Valves	MHKZ.MH4681
HOMEWERKS WORLDWIDE L L C	Manual Valves	MHKZ.MH46733
HONEYWELL INTERNATIONAL INC	Manual Valves	MHKZ.MH5968
I V R VALVOLE A SFERA S P A	Manual Valves	MHKZ.MH25369
IMT ARMATUREN AG	Manual Valves	MHKZ.EX5076
INNER-TITE CORP	Manual Valves	MHKZ.MH25932
IUSA S A D E C V	Manual Valves	MHKZ.MH9527
JOMAR INTERNATIONAL	Manual Valves	MHKZ.MH15855
Page: 2		

Model number information is not published for all product categories. If you require information about a specific model number, please contact Customer Service for further assistance.



Search results

Number of hits: 61 The maximum number of hits returned is 5000.		
You may choose to Refine Your Search .		
Company Name	Category Name	Link to File
KARL DUNGS INC	Manual Valves	MHKZ.MH18741
KEY PORT VALVE, UNIT OF SMG	Manual Valves	MHKZ.MH7988
KITZ (THAILAND) LTD	Manual Valves	MHKZ.MH19595
LEGEND VALVE & FITTING INC	Manual Valves	MHKZ.MH19347
MAXON CORP	Manual Valves	MHKZ.MH11091
MCC HOLDINGS INC, DBA CRANE ENERGY FLOW SOLUTIONS, SUB OF CRANE CO	Manual Valves	MHKZ.MH46785
METSO AUTOMATION	Manual Valves	MHKZ.MH6330
MIDWEST CONTROL DEVICES INTECH INDUSTRIES INC CO	Manual Valves	MHKZ.MH28058
MILWAUKEE VALVE CO INC	Manual Valves	MHKZ.MH10045
NIBCO INC	Manual Valves	MHKZ.MH16313
NINGBO HUAPING METALWORK CO LTD	Manual Valves	MHKZ.MH29409
NINGBO IDC INTERNATIONAL TRADING CO LTD	Manual Valves	MHKZ.MH46652
NINGBO RIAN VALVE CO LTD	Manual Valves	MHKZ.MH45649
NINGBO W & F MFG CO LTD	Manual Valves	MHKZ.MH27906
NINGBO ZHIQING INDUSTRIAL CO LTD	Manual Valves	MHKZ.MH25846
Page: 3		

Model number information is not published for all product categories. If you require information about a specific model number, please contact Customer Service for further assistance.



Search results

Number of hits: 61 The maximum number of hits returned is 5000.		
You may choose to Refine Your Search .		
Company Name	Category Name	Link to File
NOVASFER SRL	Manual Valves	MHKZ.MH26858
OIL EQUIPMENT MFG L L C	Manual Valves	MHKZ.MH46634
OLSON TECHNOLOGIES INC HOMESTEAD VALVE DIV	Manual Valves	MHKZ.MH12022
POWER-FLAME INC	Manual Valves	MHKZ.MH15565
R & M ENERGY SYSTEMS	Manual Valves	MHKZ.MH7486
RUBINETTERIE UTENSILERIE BONOMI S R L	Manual Valves	MHKZ.MH15505
SIRAL S P A	Manual Valves	MHKZ.MH17501
TAIZHOU HENGTAI VALVES CO LTD	Manual Valves	MHKZ.MH30027
THE SPECIALTY MFG CO	Manual Valves	MHKZ.MH11553
VALVOSANITARIA BUGATTI SPA	Manual Valves	MHKZ.MH20190
VELAN INC	Manual Valves	MHKZ.MH18303
WATTS REGULATOR CO	Manual Valves	MHKZ.EX3153
WATTS WATER TECHNOLOGIES INC	Manual Valves	MHKZ.MH255273
XOMOX CORP	Manual Valves	MHKZ.MH12505
ZHEJIANG WANDEKAI COPPER INDUSTRIES CO LTD	Manual Valves	MHKZ.MH47392
Page: 4		

Model number information is not published for all product categories. If you require information about a specific model number, please contact [Customer Service](#) for further assistance.

**Search results**

Number of hits: 61 The maximum number of hits returned is 5000.		
You may choose to Refine Your Search.		
Company Name	Category Name	Link to File
ZHEJIANG YONGHE SANITATION CO LTD	Manual Valves	<u>MHKZ.MH45831</u>
Page: 5		

Model number information is not published for all product categories. If you require information about a specific model number, please contact [Customer Service](#) for further assistance.