



DESCRIPTION

- 2 - Piece Fire-Safe Ball Valve
- Direct Mount
- Full Port
- 1/4" - 4"
- 2000 PSI (WOG)

FSLD3500 Series

CERTIFICATIONS

- Valve Body: ASME B16.34
- Valve Test: API 598 and MSS SP-72
- Anti-Static: API 608
- Fire-Safe: API 607 4th Edition
- Explosion Prevention: ATEX Directive 94/9/EC
- Approved According to European Directive 97/23/EC
- End Connections: ASME B16.34

OPTIONS

- TFM1600
- CF8M / WCB
- Automation Applicable
- CRN # Available

HOW TO ORDER

VALVE SIZE					PRODUCT SERIES	BODY MATERIAL	BALL/STEM MATERIAL	PORT	PACKING / BODY SEAL MATERIAL
025	1/4"	100	1"	250 2-1/2"	FSLD35	2 WCB	3 CF8M	FP Full Port	GG Graphite
038	3/8"	125	1-1/4"	300 3"		3 CF8M			
050	1/2"	150	1-1/2"	400 4"					
075	3/4"	200	2"						

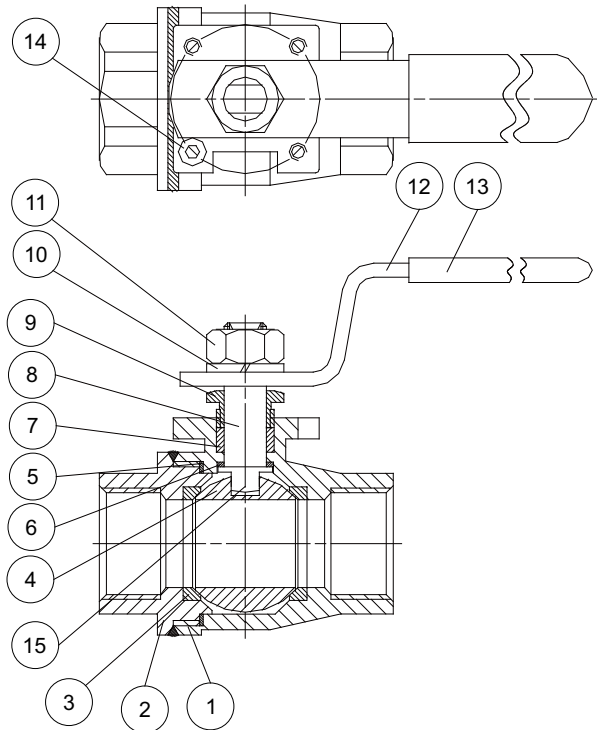
FEATURES AND BENEFITS

- Applications Where Economical Fire-Safe Ball Valves Are Required
- Special 360° All Around Welding Design to Prevent External Leakage
- Body and End Caps High Quality Investment Cast
- Available in Stainless Steel and Carbon Steel
- Blow-Out Proof Stem Design
- Fire-Safe Design
- Includes Fire-Safe Lip, Graphite Seals, and Anti-Static Devices
- Temperature Range: -20°F to 500°F
- End Type: NPT / BSPT
- Pressure Rating:
 - 2000 psi (WOG) (1/4" - 2")
 - 1000 psi (WOG) (2-1/2" - 4")
 - 200 psi with Saturated Steam

Example:
100-FSLD3533FPGGRTFPTNANA

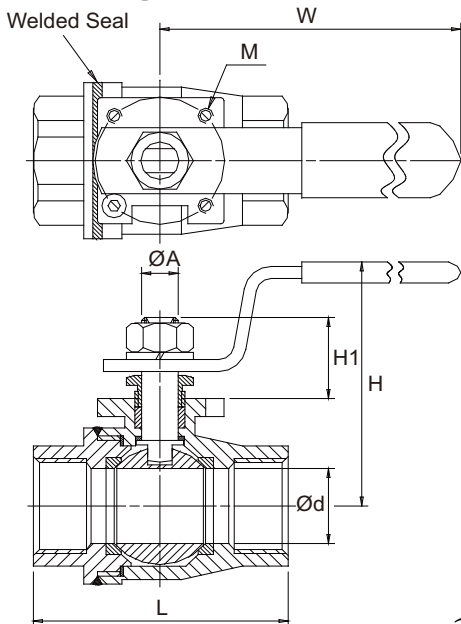
SEAT MATERIAL	END CONNECTIONS	MATERIAL OPTIONS	DESIGN OPTIONS
TM TFM1600	FPT Female NPT FMT Female Metric THD	NA Standard	NA Standard

FSLD3500 Series Valves



MATERIALS LIST

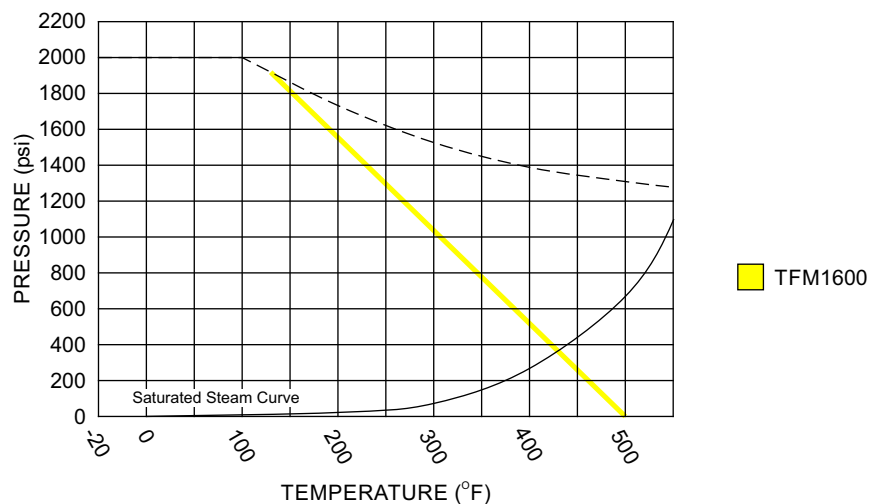
PART	PART NAME	MATERIALS
1	BODY	CF8M / WCB
2	END CAP	CF8M / WCB
3	BALL SEAT	TFM
4	SOLID BALL	CF8M
5	BODY SEAL	GRAPHITE
6	THRUST WASHER	GRAPHITE
7	STEM PACKING	GRAPHITE
8	STEM	SS 316
9	GLAND NUT	SS 304
10	SPRING WASHER	SS 304
11	NUT	SS 304
12	HANDLE	SS 304
13	HANDLE SLEEVE	VINYL
14	HANDLE NUT	SS 304
15	ANTI-STATIC	SS 316 / SS 304



DIMENSIONS (in)

SIZE	d	L	W	H	A	H1	M	ISO 5211	TORQUE (inlb)
1/4"	0.43	2.32	5.31	2.13	0.31	0.59	M5	F03	30
3/8"	0.49	2.32	5.31	2.13	0.31	0.59	M5	F03	30
1/2"	0.59	2.40	5.31	2.20	0.31	0.67	M5	F03	35
3/4"	0.79	2.87	5.31	2.52	0.39	0.79	M5	F03	39
1"	1.00	3.35	6.50	2.68	0.47	0.98	M5	F04	82
1-1/4"	1.26	3.82	6.50	2.91	0.47	0.98	M5	F04	121
1-1/2"	1.50	4.53	6.89	3.54	0.55	0.98	M6	F05	165
2"	1.97	5.28	6.89	3.94	0.55	0.98	M6	F05	182
2-1/2"	2.56	6.61	10.24	5.39	0.79	1.57	M8	F07	365
3"	3.15	7.52	10.24	5.79	0.79	1.57	M8	F07	1086
4"	3.94	9.09	11.02	6.93	0.98	1.81	M10	F10	1268

PRESSURE / TEMPERATURE CHART



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