SVF Flow Controls
INCORPORATED

TECHNICAL DATA SHEET
13560 Larwin Circle, Santa Fe Springs, CA. 90670
Phone: (562) 802-2255 (800) 783-7836
Fax: (562) 802-3114
E-mail SVF_FCI@MSN.COM
www.SVFFlowControls.com

RJ6 & J31 SERIES

STEAM JACKETED BALL VALVES

Size Range:
1/2" - 4"

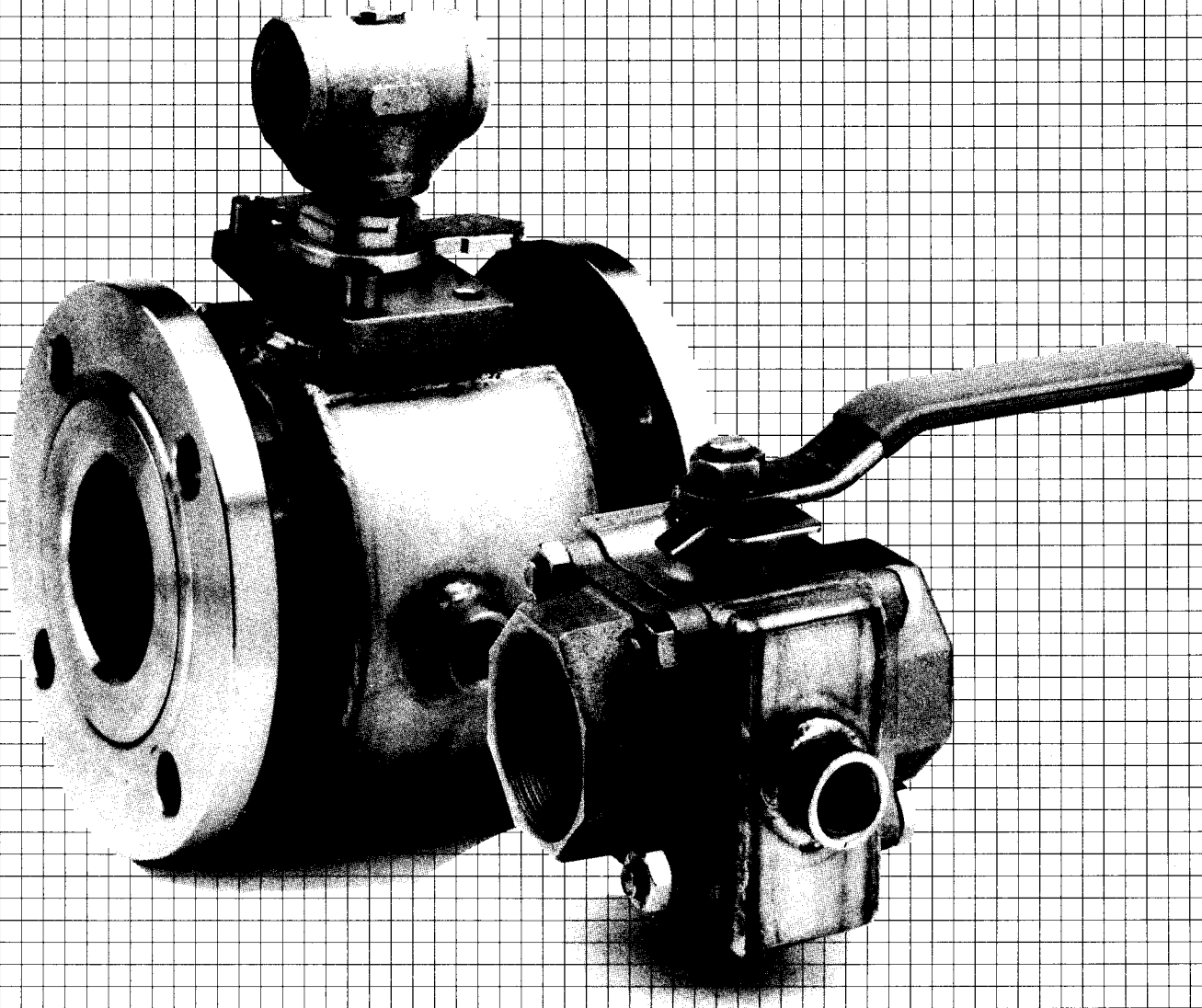
End Connections:
Threaded
Butt Weld
Socket Weld
150# Flanged

Valve Materials:
316 Stainless Steel

Ball & Stem Materials:
316 Stainless Steel
A 20
Monel
Hast C

Service Applications:
Asphalt
Chocolate
Jam
Resins
Syrup
Tar
Wax

Seat Materials:
Teflon
Reinforced Teflon
NRG
Delrin
VXI
Tempre K (PEEK)
UHMWPE



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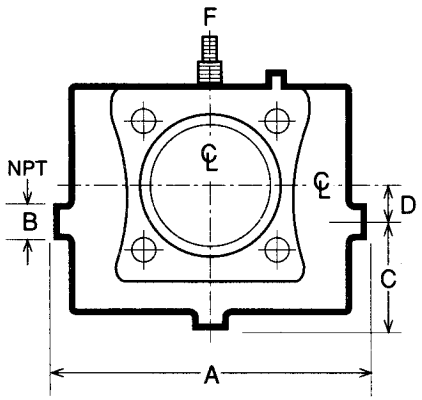
NOTES ON STEAM JACKETED VALVES

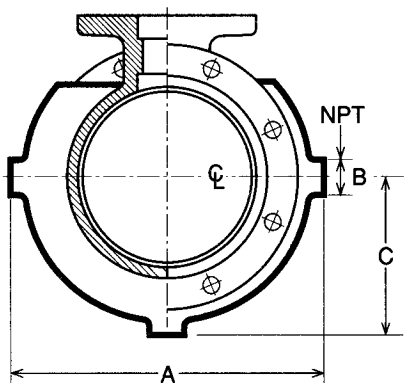
1. Maximum Pressure in Jacket = 150 PSI,
2. Jacketed Valves available in Stainless only.
3. For Seat/Seal Trim & Service Application refer to relevant SVF catalog page.
4. 3-piece Full Port Valve available in 1/2" - 3" size.
5. Steam Jacket is 304 Stainless Steel.

RJ6 SERIES 1/2" TO 2" BALL VALVES



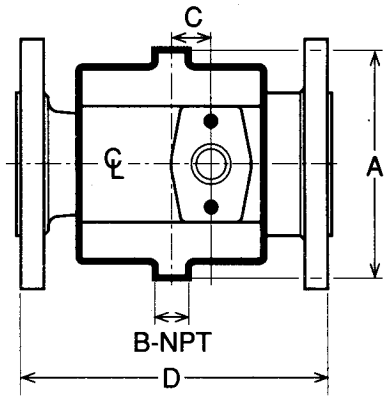
SIZE	1/2"	3/4"	1"	1-1/2"	2"
A	3.70	4.10	4.45	5.30	5.80
B	1/8"	1/8"	1/4"	1/2"	1/2"
C	1.60	1.70	1.93	2.45	2.65
D	.25	.35	.25	.25	.30

RJ6 SERIES 2-1/2" TO 4" BALL VALVES



SIZE	2-1/2"	3"	4"
A	7.48	8.35	10.90
B	3/4"	3/4"	3/4"
C	3.72	4.14	5.45

J31 SERIES 1/2" TO 4" FLANGED BALL VALVES



SIZE	1/2"	3/4"	1"	1-1/2"	2"	3"	4"
A	3.62	3.62	3.82	5.19	5.55	7.91	10.08
B	3/8"	3/8"	1/2"	1/2"	3/4"	3/4"	3/4"
C	0	0	0.19	0.90	0.63	0	0
D	4.25	4.62	5.00	6.50	7.00	8.00	9.00

150# ANSI B16.5 FLANGE DIMENSIONS

HOW TO ORDER

2" RJ6 66 66 N G SE

SIZE	STYLE	BODY & END MATERIAL	BALL & STEM	SEAT	SEAL	ENDS
1/4" 3/8" 1/2" 3/4" 1" 1-1/2" 2" 2-1/2" 3" 4"	RJ6 J31	6 - 316 Stainless Steel	3 - Monel 6 - 316 Stainless Steel 8 - Alloy 20 9 - Hastelloy C	T - Virgin PTFE® R - Reinforced Teflon N - N-R-G (Steam) D - Delrin V - VX1 U - UHMWPE K - Tempre K	V - Viton® G - Graphoil T - Virgin Teflon® U - UHMWPE	SE - Screwed (NPT) BW - Butt Weld 150 - 150# Flanged TR - Tri Clamp®

* DuPont ** Ladish