

***TOTAL FORCE NECESSARY TO ACCOMODATE FULL MOTION, CALCULATED @ 150 PSIG**

QTY.	PIPE SIZE NPS	OAL (IN)	LL (IN)	H (IN)	APPROX. SPRING FORCE* (LBS)	WORKING PRESSURE (PSIG)	MAX. TEST PRESSURE (PSIG)	ALLOWABLE MOTIONS X, Y, OR Z
	1-1/2"	28"	12-1/2"	12-3/4"	75	472	708	2"
	2"	32"	14"	14-1/2"	82	516	774	
	2-1/2"	35"	14-1/2"	16"	86	387	581	
	3"	39-3/4"	16-1/2"	18"	93	316	474	
	4"	45-3/4"	18"	20-1/4"	127	232	348	
	5"	53"	20"	23-1/2"	214	191	286	
	6"	59-1/4"	21-1/2"	26"	228	165	247	
	8"	71-1/4"	24"	30-1/2"	312	234	350	
	10"	84"	27"	36"	345	230	344	
	12"	94-3/4"	28-1/2"	40"	399	161	241	

*FOR SAFE WORKING PRESSURE ABOVE 70°F, MULTIPLY PRESSURE SHOWN AT 70°F TIMES CORRECTION FACTOR OF REQUIRED TEMP.

TEMP °F	FACTOR
70	1.0
200	.91
300	.85
400	.78
500	.77
600	.76

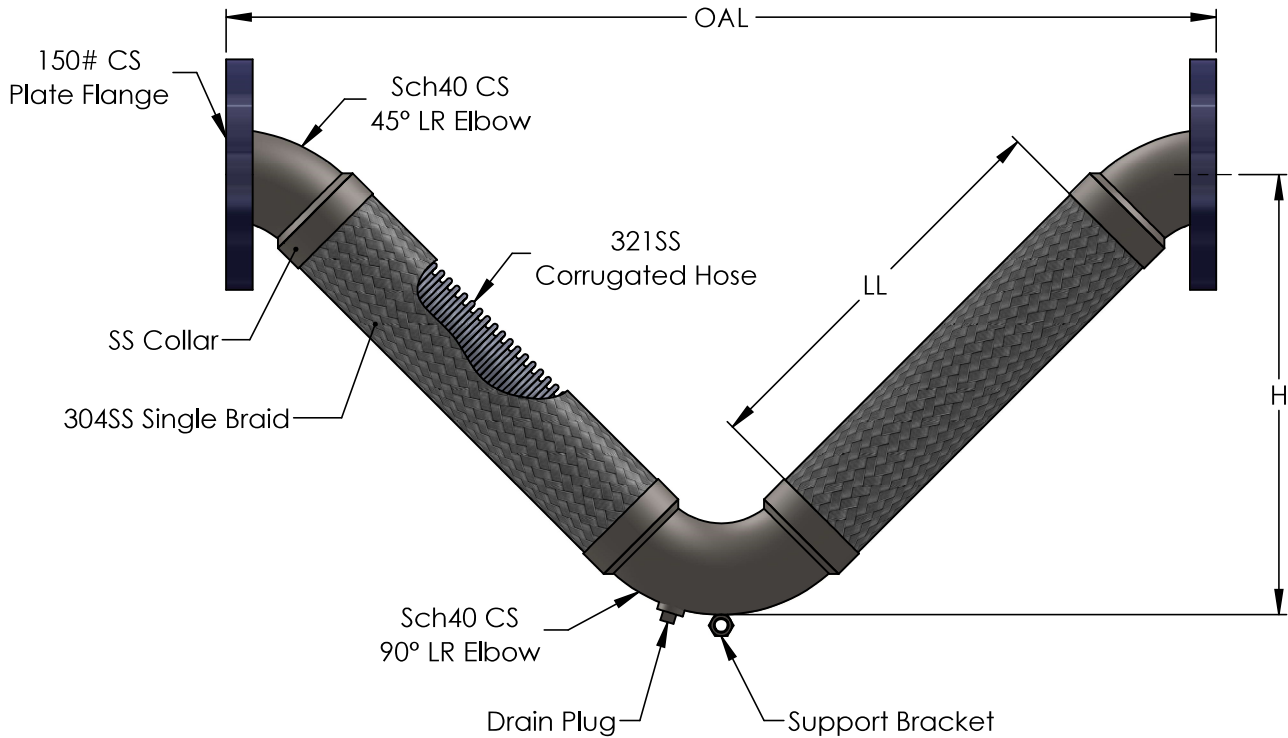
1. MAXIMUM OPERATING TEMPERATURE: 800°F
2. OTHER STYLE FLANGES AVAILABLE



NOTES:

NSF 372 - LEAD FREE: The wetted surface of this product contacted by water contains less than one quarter of one percent (0.25%) of lead by weight. Material complies with state codes and standards where applicable, requiring reduced lead content.

REV.	DRAWN BY: AM	Date: 1/22/2019
		5331 Quam Ave NE St. Michael, MN 55376 Phone: 763-201-2151 Fax: 763-201-2134 Email: sales@engineeredflex.com
Customer:		
Project:		
Style: SEISMIC FLANGED V-LOOP 2" MOVEMENT		
SCALE: NONE	DRAWING NUMBER:	



***TOTAL FORCE NECESSARY TO ACCOMODATE FULL MOTION, CALCULATED @ 150 PSIG**

QTY.	PIPE SIZE NPS	OAL (IN)	LL (IN)	H (IN)	APPROX. SPRING FORCE* (LBS)	WORKING PRESSURE (PSIG)	MAX. TEST PRESSURE (PSIG)	ALLOWABLE MOTIONS X, Y, OR Z
	1-1/2"	32-1/4"	15-1/2"	14-3/4"	75	472	708	3"
	2"	36-1/4"	17"	17"	82	516	774	
	2-1/2"	40"	18"	18-1/2"	86	387	580	
	3"	45"	20"	20-1/2"	93	316	474	
	4"	51-1/2"	22"	23-1/2"	127	232	348	
	5"	59-1/2"	24-1/2"	26-1/2"	214	191	286	
	6"	66-1/4"	26-1/2"	29-1/2"	228	165	247	
	8"	79"	29-1/2"	34-1/2"	312	234	350	
	10"	93-1/4"	33-1/2"	40-1/2"	345	230	345	
	12"	104-3/4"	35-1/2"	45"	399	161	241	

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TEMP °F	FACTOR
70	1.0
200	.91
300	.85
400	.78
500	.77
600	.76

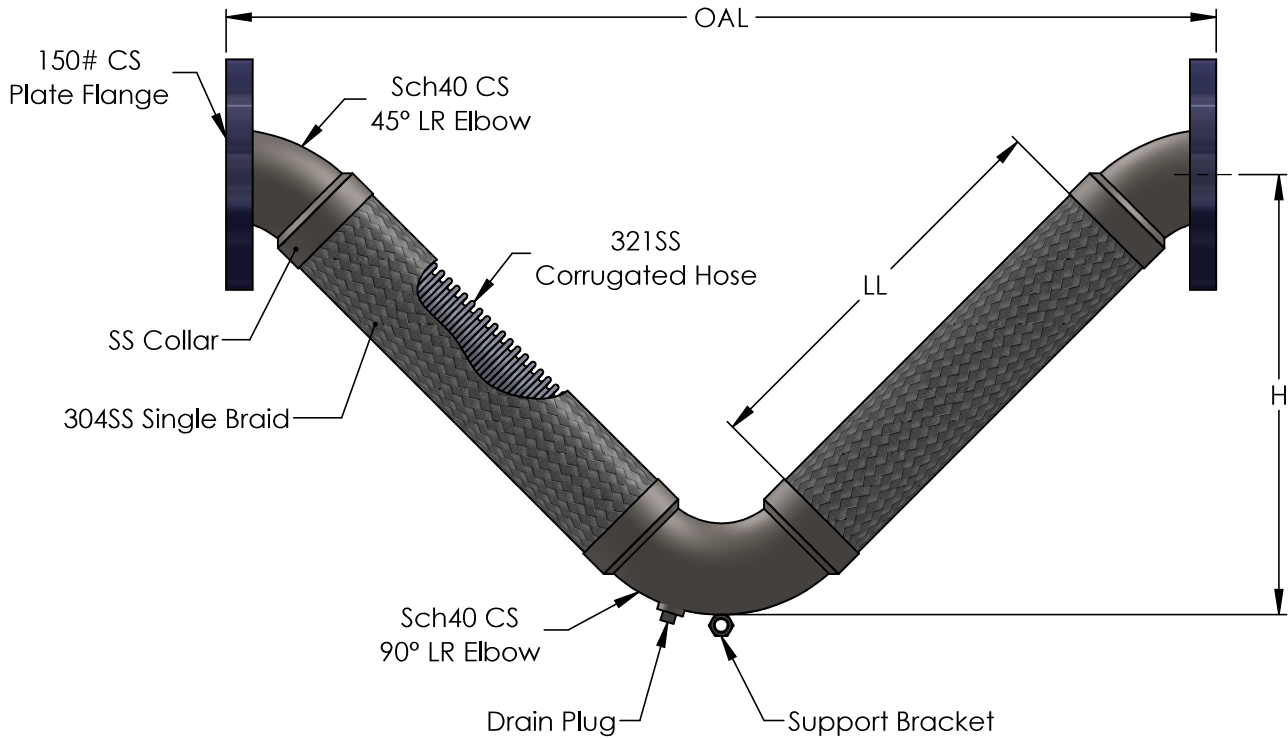
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Customer:		
Project:		
Style: SEISMIC FLANGED V-LOOP 3" MOVEMENT		
SCALE: NONE	DRAWING NUMBER:	



***TOTAL FORCE NECESSARY TO ACCOMODATE FULL MOTION, CALCULATED @ 150 PSIG**

QTY.	PIPE SIZE NPS	OAL (IN)	LL (IN)	H (IN)	APPROX. SPRING FORCE* (LBS)	WORKING PRESSURE (PSIG)	MAX. TEST PRESSURE (PSIG)	ALLOWABLE MOTIONS X, Y, OR Z
	1-1/2"	35-3/4"	18"	16-1/4"	75	472	708	4"
	2"	40-1/2"	20"	19"	82	516	774	
	2-1/2"	43-1/2"	20-1/2"	20"	86	387	580	
	3"	49-3/4"	23-1/2"	23"	93	316	474	
	4"	56-1/2"	25-1/2"	26"	127	232	348	
	5"	65"	28-1/2"	29-1/2"	214	191	286	
	6"	72"	30-1/2"	32-1/2"	228	165	247	
	8"	85-1/2"	34"	38"	312	234	350	
	10"	100-1/4"	38-1/2"	44"	345	230	345	
	12"	112-1/4"	41"	49"	399	161	241	

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TEMP °F	FACTOR
70	1.0
200	.91
300	.85
400	.78
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1. **MAXIMUM OPERATING TEMPERATURE: 800°F**
2. **OTHER STYLE FLANGES AVAILABLE**



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		5331 Quam Ave NE St. Michael, MN 55376 Phone: 763-201-2151 Fax: 763-201-2134 Email: sales@engineeredflex.com
Customer:		
Project:		
Style: SEISMIC FLANGED V-LOOP 4" MOVEMENT		
SCALE: NONE	DRAWING NUMBER:	