

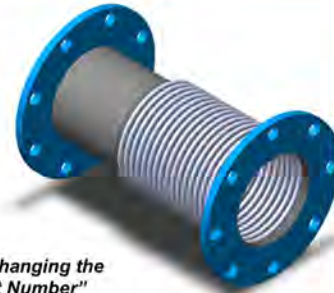
# VIBRATION ISOLATORS

## TYPE 28 - FLANGE X SPACER FLANGE (ANSI)

T-321 STAINLESS STEEL BELLOWS / FLEX  
125/150# ANSI A-36 STEEL INLET FLANGE  
125/150# ANSI A-36 STEEL OUTLET FLANGE  
CARBON STEEL TUBE SPACER

### OPTIONS:

- Longer / Shorter Lengths
- T-304, T-316, and T-321 Stainless Steel Flanges
- Special Drilled / Metric Flanges
- Inconel 625 and Alloy "X" Bellows
- Flow Liner



*"Specify any length by changing the last number in the Part Number"*

### TYPE 28 - MULTI-PLY BELLOWS

SIZE	24" LONG			36" LONG			48" LONG			ANSI FLANGE DIMENSIONS			
	OVERALL LENGTH	LIVE LENGTH	PART NUMBER	OVERALL LENGTH	LIVE LENGTH	PART NUMBER	OVERALL LENGTH	LIVE LENGTH	PART NUMBER	FLG. O.D.	BOLT CIRCLE	# OF HOLES	HOLE DIA.
3"	24.00	9.00	28M0300-24	36.00	9.00	28M0300-36	48.00	9.00	28M0300-48	7.50	6.00	4	0.75
3-1/2"	24.00	9.00	28M0350-24	36.00	9.00	28M0350-36	48.00	9.00	28M0350-48	8.50	7.00	8	0.75
4"	24.00	9.00	28M0400-24	36.00	9.00	28M0400-36	48.00	9.00	28M0400-48	9.00	7.50	8	0.75
5"	24.00	9.00	28M0500-24	36.00	9.00	28M0500-36	48.00	9.00	28M0500-48	10.00	8.50	8	0.88
6"	24.00	9.00	28M0600-24	36.00	9.00	28M0600-36	48.00	9.00	28M0600-48	11.00	9.50	8	0.88
8"	24.00	9.00	28M0800-24	36.00	9.00	28M0800-36	48.00	9.00	28M0800-48	13.50	11.75	8	0.88
10"	24.00	9.00	28M1000-24	36.00	9.00	28M1000-36	48.00	9.00	28M1000-48	16.00	14.25	12	1.00
12"	24.00	9.00	28M1200-24	36.00	9.00	28M1200-36	48.00	9.00	28M1200-48	19.00	17.00	12	1.00
14"	24.00	9.00	28M1400-24	36.00	9.00	28M1400-36	48.00	9.00	28M1400-48	21.00	18.75	12	1.13
16"	24.00	9.00	28M1600-24	36.00	9.00	28M1600-36	48.00	9.00	28M1600-48	23.50	21.25	16	1.13
18"	24.00	9.00	28M1800-24	36.00	9.00	28M1800-36	48.00	9.00	28M1800-48	25.00	22.75	16	1.25
20"	24.00	9.00	28M2000-24	36.00	9.00	28M2000-36	48.00	9.00	28M2000-48	27.50	25.00	20	1.25
22"	24.00	9.00	28M2200-24	36.00	9.00	28M2200-36	48.00	9.00	28M2200-48	29.50	27.25	20	1.38
24"	24.00	9.00	28M2400-24	36.00	9.00	28M2400-36	48.00	9.00	28M2400-48	32.00	29.50	20	1.38

### TYPE 28 - SINGLE-PLY BELLOWS

SIZE	24" LONG			36" LONG			48" LONG			ANSI FLANGE DIMENSIONS			
	OVERALL LENGTH	LIVE LENGTH	PART NUMBER	OVERALL LENGTH	LIVE LENGTH	PART NUMBER	OVERALL LENGTH	LIVE LENGTH	PART NUMBER	FLG. O.D.	BOLT CIRCLE	# OF HOLES	HOLE DIA.
3"	24.00	9.00	28S0300-24	36.00	9.00	28S0300-36	48.00	9.00	28S0300-48	7.50	6.00	4	0.75
3-1/2"	24.00	9.00	28S0350-24	36.00	9.00	28S0350-36	48.00	9.00	28S0350-48	8.50	7.00	8	0.75
4"	24.00	9.00	28S0400-24	36.00	9.00	28S0400-36	48.00	9.00	28S0400-48	9.00	7.50	8	0.75
5"	24.00	9.00	28S0500-24	36.00	9.00	28S0500-36	48.00	9.00	28S0500-48	10.00	8.50	8	0.88
6"	24.00	9.00	28S0600-24	36.00	9.00	28S0600-36	48.00	9.00	28S0600-48	11.00	9.50	8	0.88
8"	24.00	9.00	28S0800-24	36.00	9.00	28S0800-36	48.00	9.00	28S0800-48	13.50	11.75	8	0.88
10"	24.00	9.00	28S1000-24	36.00	9.00	28S1000-36	48.00	9.00	28S1000-48	16.00	14.25	12	1.00
12"	24.00	9.00	28S1200-24	36.00	9.00	28S1200-36	48.00	9.00	28S1200-48	19.00	17.00	12	1.00
14"	24.00	9.00	28S1400-24	36.00	9.00	28S1400-36	48.00	9.00	28S1400-48	21.00	18.75	12	1.13
16"	24.00	9.00	28S1600-24	36.00	9.00	28S1600-36	48.00	9.00	28S1600-48	23.50	21.25	16	1.13
18"	24.00	9.00	28S1800-24	36.00	9.00	28S1800-36	48.00	9.00	28S1800-48	25.00	22.75	16	1.25
20"	24.00	9.00	28S2000-24	36.00	9.00	28S2000-36	48.00	9.00	28S2000-48	27.50	25.00	20	1.25
22"	24.00	9.00	28S2200-24	36.00	9.00	28S2200-36	48.00	9.00	28S2200-48	29.50	27.25	20	1.38
24"	24.00	9.00	28S2400-24	36.00	9.00	28S2400-36	48.00	9.00	28S2400-48	32.00	29.50	20	1.38

### TYPE 28 - FLEX HOSE

SIZE	24" LONG			36" LONG			48" LONG			ANSI FLANGE DIMENSIONS			
	OVERALL LENGTH	LIVE LENGTH	PART NUMBER	OVERALL LENGTH	LIVE LENGTH	PART NUMBER	OVERALL LENGTH	LIVE LENGTH	PART NUMBER	FLG. O.D.	BOLT CIRCLE	# OF HOLES	HOLE DIA.
3"	24.00	17.00	28F0300-24	36.00	17.00	28F0300-36	48.00	17.00	28F0300-48	7.50	6.00	4	0.75
3-1/2"	24.00	17.00	28F0350-24	36.00	17.00	28F0350-36	48.00	17.00	28F0350-48	8.50	7.00	8	0.75
4"	24.00	17.00	28F0400-24	36.00	17.00	28F0400-36	48.00	17.00	28F0400-48	9.00	7.50	8	0.75
5"	24.00	17.00	28F0500-24	36.00	17.00	28F0500-36	48.00	17.00	28F0500-48	10.00	8.50	8	0.88
6"	24.00	17.00	28F0600-24	36.00	17.00	28F0600-36	48.00	17.00	28F0600-48	11.00	9.50	8	0.88
8"	24.00	17.00	28F0800-24	36.00	17.00	28F0800-36	48.00	17.00	28F0800-48	13.50	11.75	8	0.88
10"	24.00	17.00	28F1000-24	36.00	17.00	28F1000-36	48.00	17.00	28F1000-48	16.00	14.25	12	1.00
12"	24.00	17.00	28F1200-24	36.00	17.00	28F1200-36	48.00	17.00	28F1200-48	19.00	17.00	12	1.00
14"	24.00	17.00	28F1400-24	36.00	17.00	28F1400-36	48.00	17.00	28F1400-48	21.00	18.75	12	1.13
16"	24.00	17.00	28F1600-24	36.00	17.00	28F1600-36	48.00	17.00	28F1600-48	23.50	21.25	16	1.13
18"	24.00	17.00	28F1800-24	36.00	17.00	28F1800-36	48.00	17.00	28F1800-48	25.00	22.75	16	1.25

See pages 4-6 for bellows and flex hose specifications.

Contact One Of Our Product Specialists For Assistance



# FULL FLOW ISOLATORS

## TYPE 28LP - FLANGE X SPACER FLANGE (ANSI)

T-321 STAINLESS STEEL BELLOWS  
 FULL FLOW LINER WITH MAXIMUM LATERAL OFFSET CAPABILITY  
 125/150# ANSI FLANGE INLET, A-36 STEEL  
 125/150# ANSI FLANGE OUTLET, A-36 STEEL  
 TUBE SPACER, CARBON STEEL



"Full Flow Design"

## TYPE 28LP - MULTI-PLY BELLOWS WITH LINER

SIZE	BELLOWS I.D.	24" LONG			36" LONG			48" LONG			LINER O.D.	ANSI FLANGE DIMENSIONS			
		OVERALL LENGTH	LIVE LENGTH	PART NUMBER	OVERALL LENGTH	LIVE LENGTH	PART NUMBER	OVERALL LENGTH	LIVE LENGTH	PART NUMBER		FLG. O.D.	BOLT CIRCLE	# OF HOLES	HOLE DIA.
3"	4.50	24.00	9.00	28M0300-24LP	36.00	9.00	28M0300-36LP	48.00	9.00	28M0300-48LP	3.00	7.50	6.00	4	0.75
3-1/2"	5.00	24.00	9.00	28M0350-24LP	36.00	9.00	28M0350-36LP	48.00	9.00	28M0350-48LP	3.50	8.50	7.00	8	0.75
4"	6.00	24.00	9.00	28M0400-24LP	36.00	9.00	28M0400-36LP	48.00	9.00	28M0400-48LP	4.00	9.00	7.50	8	0.75
5"	6.63	24.00	9.00	28M0500-24LP	36.00	9.00	28M0500-36LP	48.00	9.00	28M0500-48LP	5.00	10.00	8.50	8	0.88
6"	8.00	24.00	9.00	28M0600-24LP	36.00	9.00	28M0600-36LP	48.00	9.00	28M0600-48LP	6.00	11.00	9.50	8	0.88
8"	10.00	24.00	9.00	28M0800-24LP	36.00	9.00	28M0800-36LP	48.00	9.00	28M0800-48LP	8.00	13.50	11.75	8	0.88
10"	12.00	24.00	9.00	28M1000-24LP	36.00	9.00	28M1000-36LP	48.00	9.00	28M1000-48LP	10.00	16.00	14.25	12	1.00
12"	14.00	24.00	9.00	28M1200-24LP	36.00	9.00	28M1200-36LP	48.00	9.00	28M1200-48LP	12.00	19.00	17.00	12	1.00
14"	16.00	24.00	9.00	28M1400-24LP	36.00	9.00	28M1400-36LP	48.00	9.00	28M1400-48LP	14.00	21.00	18.75	12	1.13
16"	18.00	24.00	9.00	28M1600-24LP	36.00	9.00	28M1600-36LP	48.00	9.00	28M1600-48LP	16.00	23.50	21.25	16	1.13
18"	20.00	24.00	9.00	28M1800-24LP	36.00	9.00	28M1800-36LP	48.00	9.00	28M1800-48LP	18.00	25.00	22.75	16	1.25
20"	22.00	24.00	9.00	28M2000-24LP	36.00	9.00	28M2000-36LP	48.00	9.00	28M2000-48LP	20.00	27.50	25.00	20	1.25
22"	24.00	24.00	9.00	28M2200-24LP	36.00	9.00	28M2200-36LP	48.00	9.00	28M2200-48LP	22.00	29.50	27.25	20	1.38
24"	26.00	24.00	9.00	28M2400-24LP	36.00	9.00	28M2400-36LP	48.00	9.00	28M2400-48LP	24.00	32.00	29.50	20	1.38

## TYPE 28LP - SINGLE-PLY BELLOWS WITH LINER

SIZE	BELLOWS I.D.	24" LONG			36" LONG			48" LONG			LINER O.D.	ANSI FLANGE DIMENSIONS			
		OVERALL LENGTH	LIVE LENGTH	PART NUMBER	OVERALL LENGTH	LIVE LENGTH	PART NUMBER	OVERALL LENGTH	LIVE LENGTH	PART NUMBER		FLG. O.D.	BOLT CIRCLE	# OF HOLES	HOLE DIA.
3"	4.50	24.00	9.00	28S0300-24LP	36.00	9.00	28S0300-36LP	48.00	9.00	28S0300-48LP	3.00	7.50	6.00	4	0.75
3-1/2"	5.00	24.00	9.00	28S0350-24LP	36.00	9.00	28S0350-36LP	48.00	9.00	28S0350-48LP	3.50	8.50	7.00	8	0.75
4"	6.00	24.00	9.00	28S0400-24LP	36.00	9.00	28S0400-36LP	48.00	9.00	28S0400-48LP	4.00	9.00	7.50	8	0.75
5"	6.63	24.00	9.00	28S0500-24LP	36.00	9.00	28S0500-36LP	48.00	9.00	28S0500-48LP	5.00	10.00	8.50	8	0.88
6"	8.00	24.00	9.00	28S0600-24LP	36.00	9.00	28S0600-36LP	48.00	9.00	28S0600-48LP	6.00	11.00	9.50	8	0.88
8"	10.00	24.00	9.00	28S0800-24LP	36.00	9.00	28S0800-36LP	48.00	9.00	28S0800-48LP	8.00	13.50	11.75	8	0.88
10"	12.00	24.00	9.00	28S1000-24LP	36.00	9.00	28S1000-36LP	48.00	9.00	28S1000-48LP	10.00	16.00	14.25	12	1.00
12"	14.00	24.00	9.00	28S1200-24LP	36.00	9.00	28S1200-36LP	48.00	9.00	28S1200-48LP	12.00	19.00	17.00	12	1.00
14"	16.00	24.00	9.00	28S1400-24LP	36.00	9.00	28S1400-36LP	48.00	9.00	28S1400-48LP	14.00	21.00	18.75	12	1.13
16"	18.00	24.00	9.00	28S1600-24LP	36.00	9.00	28S1600-36LP	48.00	9.00	28S1600-48LP	16.00	23.50	21.25	16	1.13
18"	20.00	24.00	9.00	28S1800-24LP	36.00	9.00	28S1800-36LP	48.00	9.00	28S1800-48LP	18.00	25.00	22.75	16	1.25
20"	22.00	24.00	9.00	28S2000-24LP	36.00	9.00	28S2000-36LP	48.00	9.00	28S2000-48LP	20.00	27.50	25.00	20	1.25
22"	24.00	24.00	9.00	28S2200-24LP	36.00	9.00	28S2200-36LP	48.00	9.00	28S2200-48LP	22.00	29.50	27.25	20	1.38
24"	26.00	24.00	9.00	28S2400-24LP	36.00	9.00	28S2400-36LP	48.00	9.00	28S2400-48LP	24.00	32.00	29.50	20	1.38

See pages 4-6 for bellows and flex hose specifications.

**OPTIONS:**

- Longer / Shorter Lengths
- Increasing / Reducing Flanges
- Special Drilled / Metric Flanges
- T-304, T-316, and T-321 Stainless Steel Spacer Tube
- T-304, T-316, and T-321 Stainless Steel Flanges
- Inconel 625 and Alloy "X" Bellows

**NOTES:**

- Internal Flow Liners are Required if Flow Conditions are Equal or Greater Than the Following:

6" and Under (Gas / Steam) - 4ft/sec/inch of Diameter  
 8" and Over (Gas / Steam) - 25ft/sec.

Contact One Of Our Product Specialists For Assistance

