

RVF

STAINLESS STEEL + COPPER

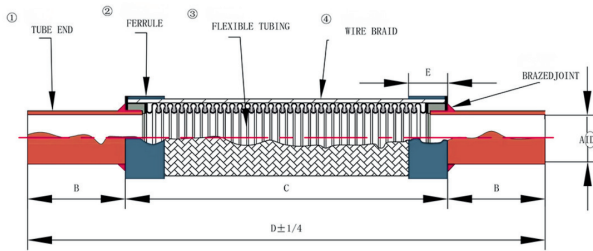
- Superior flexibility and vibration absorption
- High pressure and temperature resistance
- Leak-proof copper welded ends
- Corrosion-resistant stainless steel construction
- Suitable for refrigerants, chilled water, and HVAC applications
- Materials 316L, 316, 304 & Copper available

APPLICATION FIELD

The RVF Vibration Absorber is a precision-engineered component designed to effectively minimize vibration and noise in refrigeration, air-conditioning, and piping systems. It is constructed using a high-quality stainless steel metal bellow that provides exceptional flexibility and superior vibration-damping performance.

Engineered for durability and reliability, the Shield Vibration Absorber efficiently compensates for thermal expansion, compressor-induced vibrations, and minor misalignments in piping systems—ensuring smooth, silent, and stable system performance.

DIMENSION DATA



TECHNICAL DATA

Model	Normal Size		Dimension								Working Pressure (psig)	Burst Pressure (psig)	
	Inch	ODF(BS)	ODF(SI)	B (mm/inch)		C (mm/inch)		D (mm/inch)		E (mm/inch)			
RVF-1A	1/4"	6.35	6	14	9/16*	172	6-49/64"	200	7-7/8°	14	9/16°	650	3250
RVF-1	3/8"	9.52	10	13.5	17/32"	190	7-7/16*	217	8-9/16°	16	5/8"	650	3250
RVF-2	1/2"	12.7	12	19	3/4"	190	7-7/16*	228	8-31/32"	16	5/8"	650	3250
RVF-3	5/8"	15.88	16	21	53/64"	208	8-3/16*	250	9-28/32"	16	5/8"	650	3250
RVF-4	3/4"	19.05	19	27	1-1/16*	214	8-7/16*	268	10-9/16"	19	3/4"	650	3250
RVF-5	7/8"	22.23	22	32.5	1-9/32°	240	9-7/16*	305	12°	19	3/4"	650	3250
RVF-6	1-1/8*	28.58	28	39	1-17/32"	254	10°	332	13-1/16"	19	3/4"	650	3250
RVF-7	1-3/8*	34.93	35	45.5	1-25/32"	305	12°	395	15-35/64*	22	7/8"	650	3250
RVF-8	1-5/8°	41.28	42	54	2-1/8"	321	12-41/64"	429	16-57/64*	22	7/8"	650	3250
RVF-9	2-1/8*	53.98	54	64.5	2-35/64"	395	15-9/64*	524	20-5/8*	24	61/64"	650	3250
RVF-10	2-5/8*	66.68	67	73	2-55/64"	471	18-35/64"	617	24-19/64*	25	1"	460	2300
RVF-11	3-1/8*	79.38	80 (76)	90	3-35/64"	504	19-27/32"	684	26-15/16*	25	1"	380	1900
RVF-12	3-5/8°	92.08	92	100	3-15/16"	618	24-21/64"	818	32-13/64*	30	1-3/16*	300	1500
RVF-13	4-1/8*	104.78	105 (108)	106	4-11/64"	624	24-37/64"	836	32-29/32°	30	1-3/16"	300	1500

WORKING CONDITIONS -- -40°C ~ 15°C
 APPLICATIONS - WATER, OIL & VARIOUS REFRIGERANT

