Heldon

Introduction

The main function of a vibration eliminator is to absorb compressor vibration and stop its transition into the pipe work and components of refrigeration or air-conditioning system. By isolating the compressors vibration the risk of damage to pipe work and the associated components is reduced.

Manufactured from a deep wave pitch corrugated stainless steel hose they are then enclosed in a tightly interwoven stainless steel braid for greater support and security. Both the hose and the braid are reinforced at each end by overlapping stainless steel ferules with high temperature brazed solid copper connections.

Heldon Vibration eliminators are suitable for all fluorinated refrigerants and their associated oils dependent on operating pressures and in all lines of refrigeration and air-conditioning systems. When used is suction lines the entire vibration eliminator should be sealed with in an insulation layer.

Installation Considerations

a. Vibration eliminators should be installed as close as possible to the compressor.
b. Vibration eliminators are not designed to compensate for pipe work misalignment and should only be installed in straight lines.
c. Vibration eliminators are not designed to absorb axial or torsional stress and should not be installed under compression or tension.
d. Vibration eliminators should be installed perpendicular to the direction of vibration (inline with the compressor crankshaft).

Features

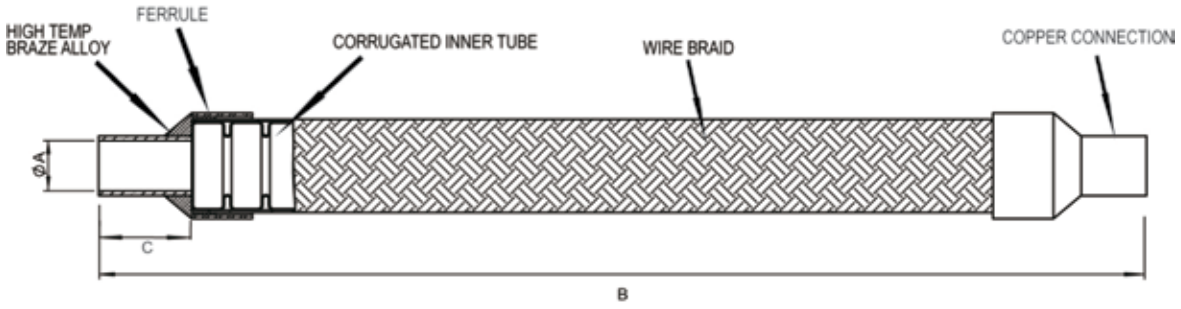
Features	Benefits
Designed for maximum flow and minimal pressure drop.	Negligible loss in system efficiency.
Solid copper connectors.	Easier installation with out the need for flux.
Stainless steel hose and braid.	Longer service life.
Stainless steel Ferules.	Reduced chance of failure at the major stress point.
Individuality tested, dehydrated and sealed.	Ensuring a problem free installation.
	Ensures correct installation orientation.

Note; Vibration eliminators are not life time components. European standards require replacement every two years.

Approvals

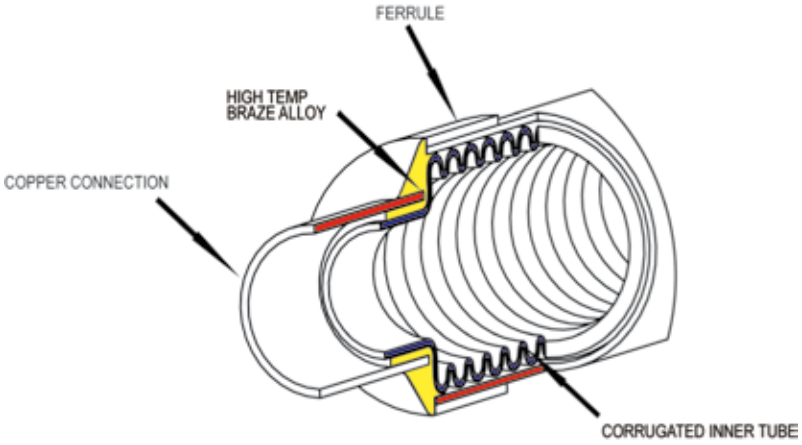
CE

Vibration Eliminators



Part No.	Conn Size in A	Length mm B	Length mm C	Lay In Length mm	Weight kg	Carton qty	Safe Working (kPa)
1400-06220	3/8	220	20	180	.120	100	3,200
1400-08230	1/2	230	20	190	.145	100	3,200
1400-10250	5/8	250	22	210	.180	100	3,200
1400-12270	3/4	270	28	230	.220	100	3,200
1400-14305	7/8	305	30	265	.290	100	3,200
1400-18330	1 1/8	330	38	290	.395	100	3,200
1400-22395	1 3/8	395	40	355	.610	50	3,200
1400-26430	1 5/8	430	50	390	.890	25	3,200
1400-34525	2 1/8	525	60	485	1.275	25	2,500
1400-42620	2 5/8	620	76	580	1.750	10	2,500
1400-50685	3 1/8	685	85	645	2.100	4	2,100

Complete stainless steel version available on request



Material Specifications

Corrugated Inner Tube	Stainless Steel
Wire Braid	Stainless Steel
Ferrule	Stainless Steel
Connection	Copper