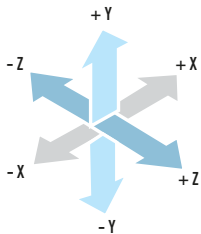


FM Code	Product Code	Definition
KYSVY	V100 - YVFM	V-Flex Omega Loop Expansion Joint Grooved ±50mm Expansion
KYSVY	V200 - YVFM	V-Flex Omega Loop Expansion Joint Grooved ±100mm Expansion

**GENERAL**

V-Flex expansion joints are intermediate parts used to dampen unexpected random dynamic loads that may come from the ground in seismic zones where seismic motion may be intense, to take stress on the line and to ensure the smooth operation of the system. They ensure the continuity of the line by protecting the boiler, chiller, fan coil units and fire sprinkler system by countering possible movements in any direction with the building.

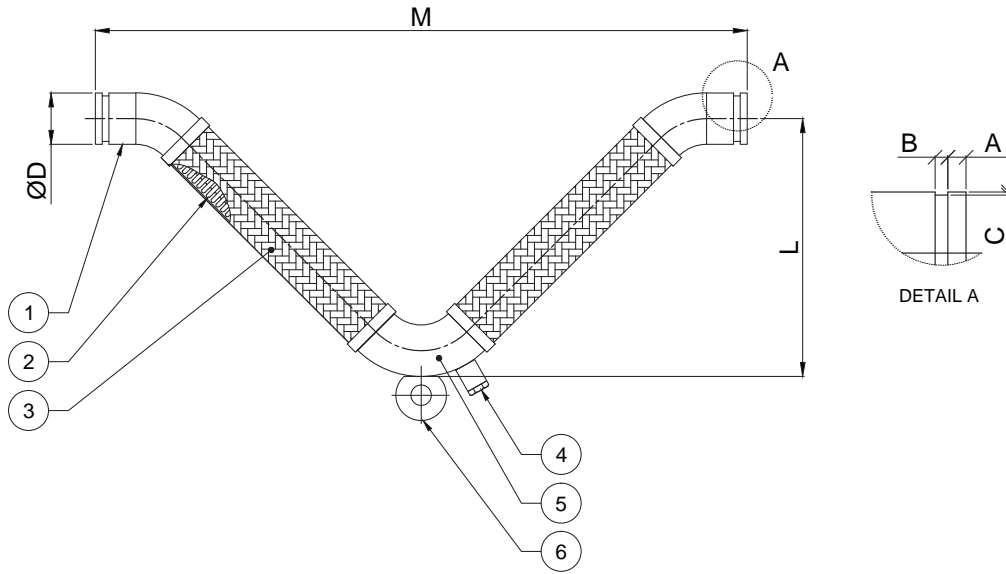
KAYSE Omega Type V-Flex omega loop expansion joints with FM Approved certificate eliminate breakage, cracking and crashes in the line, and ensure the continuity of fire, water and gas line in earthquake or building collapses.



Standard Product Materials		Optional Product Materials
Hose	1.4301 (AISI 321)	1.4541 (AISI 321)
Braid	1.4301 (AISI 304)	1.4301 (AISI 304)
Grooved Connections	1.0038 (St 37-2)	Stainless Steel
Elbows	1.0038 (St 37-2)	Stainless Steel

Design Parameters	
Design Pressure	250 psi
Design Temperature	+20°C (-90°C...+550°C)
Diameters	DN25 (1")...DN250 (10")
Movements	100mm (±50) / 200mm (±100)
Standards	EN, ANSI
Certifications	FM Approved - CE Module H (Optional)

\*\*Please contact our sales team for your special requests.



Part Number	Specifications	
	Name	Material
1	Grooved Connections	1.0038 (S235JR / St37-2)
2	Flex Metal Hose	1.4301 (AISI 304)
3	Braid	1.4301 (AISI 304)
4	Drain Plug	1.0038 (S235JR / St37-2)
5	90° Elbow	1.0038 (S235JR / St37-2)
6	Fixing Part	1.0038 (S235JR / St37-2)

Diameters		KYSVY				A (mm)	B (mm)	C (mm)	ØD (mm)
		V100-YVFM		V200-YVFM					
		X, Y, Z: ±50mm		X, Y, Z: ±100mm					
		M (mm)	L (mm)	M (mm)	L (mm)				
DN25	1"	597	239	749	315	15,8	7,1	1,6	33,7
DN32	1 1/4"	664	264	842	353	15,8	7,1	1,6	42,4
DN40	1 1/2"	789	321	954	404	15,8	7,1	1,6	48,3
DN50	2"	856	340	1085	455	15,8	8,7	1,6	60,3
DN65	2 1/2"	1032	410	1271	530	15,8	8,7	1,9	76,1
DN80	3"	1250	505	1416	588	15,8	8,7	1,9	88,9
DN100	4"	1380	536	1558	625	15,8	8,7	2,1	114,3
DN125	5"	1683	663	1721	682	15,8	8,7	2,1	139,7
DN150	6"	1882	746	2010	819	15,8	8,7	2,1	165,1
DN200	8"	2156	835	2346	930	19,0	11,9	2,3	219,1
DN250	10"	2529	986	2671	1056	19,0	11,9	2,3	273

\*\* X,Y,Z value represents axial, lateral, angular movements. Please contact our technical department for different movement requirements.