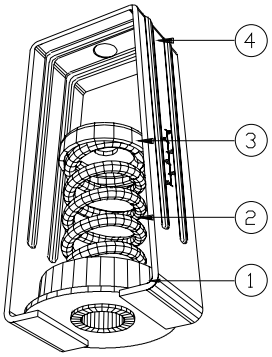
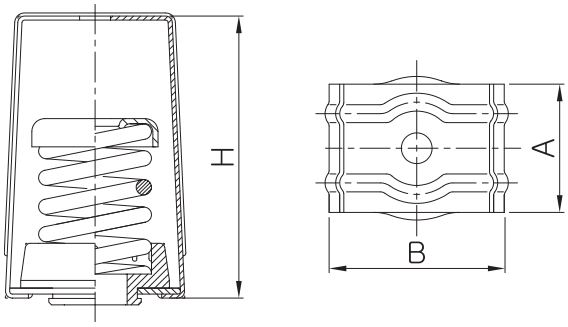
VH20 Spring Hanger (Deflection : 25mm)

※ The model name of VH product has changed to VH20





■ Features

The VH20 type anti-vibration spring hanger prevents the transfer of vibration generated from equipment and/or stress resulted from thermal expansion in pipes and ducts during operation. Its housing needs to be strong enough to stand the weight of the equipment and avoid resonance due to the vibration it generates. With the coil spring having a static deflection of 25 mm, it can maintain the system's natural frequency down to 3~5 Hz and the CR type housing fixture is mounted on the housing to avoid the transfer of high frequency from pipes and ducts into the structure on top of the hanger. Plus, the CR type spring sheet is attached on the bottom to block high frequency resulting from the vibration that the spring itself generates.

■ Usage

- For high-efficient vibration control of axial, in-line fan, machine rooms, pipes in air-conditioning rooms and ducts
- For high-efficient vibration control of suspended ceiling desk system in, for example, studios and acoustical laboratories

■ Specification

No.	Name of Components	Material	Standard
1	Spring Seat	CR	KS M 6617
2	Coil Spring	SUP9	KS B 2402
		HSW3	KS B 2403
3	Spring Cap	SS400	KS D 4301
4	Hanger Housing	SS400	KS D 3503

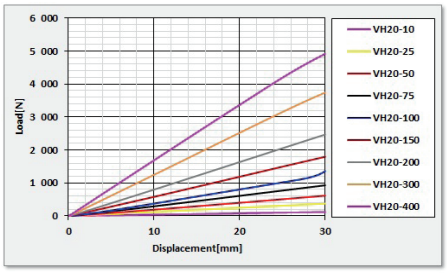
■ Dimension & Selection Guide

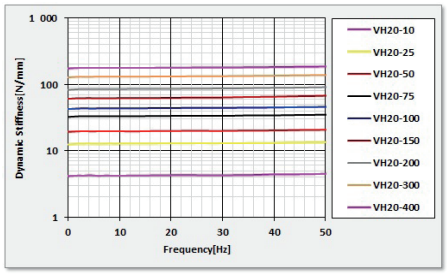
Type	Capacity (kgf)	Spring Constant (kgf/mm)	Weight (kg)	Color	Dimension(mm)			
					A	B	H	Level Blot
VH20-A-10	10	0.4	0.38	Pink	50	70	135	M10
VH20-A-25	25	1	0.42	Yellow				
VH20-A-50	50	2	0.44	Red				
VH20-A-75	75	3	0.48	Black				
VH20-A-100	100	4	0.52	Blue				
VH20-B-150	150	6	1.40	Brown	60	96	170	M12
VH20-B-200	200	8	1.44	White				
VH20-B-300	300	12	1.60	Orange				
VH20-B-400	400	16	1.65	Pink				

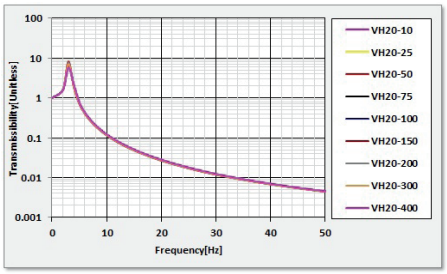
(NOTE) The mentioned size and scale can be altered to improve the quality performance and capacity of the product without any notice.

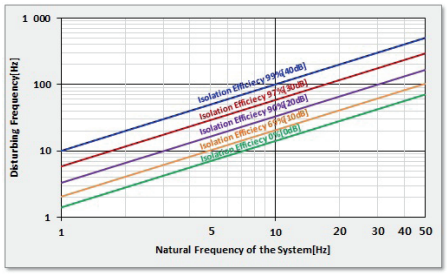
VH20/VH61/VH62 Spring Hanger

■ VH20 Test Data





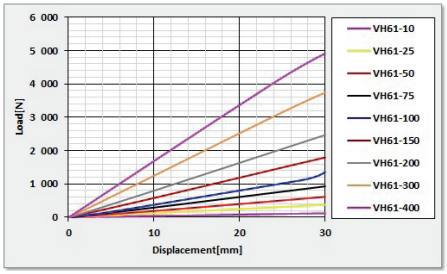


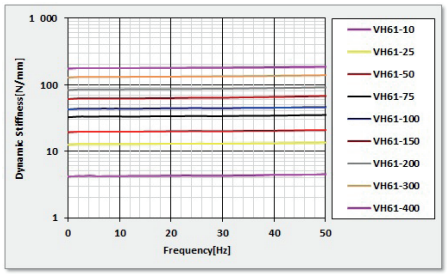


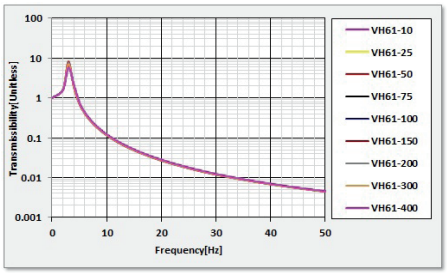
1	2
3	4

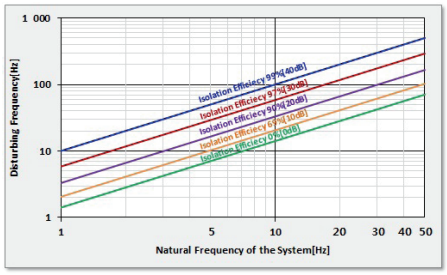
1.Load-Displacement Graph
2.Dynamic Stiffness Graph
3.Transmissibility Graph
4.Isolation Efficiency Graph

■ VH61 Test Data





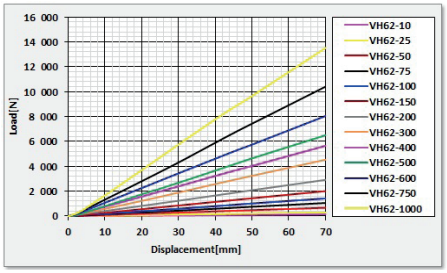


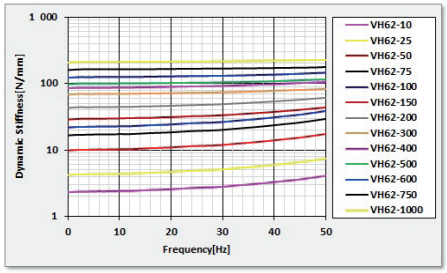


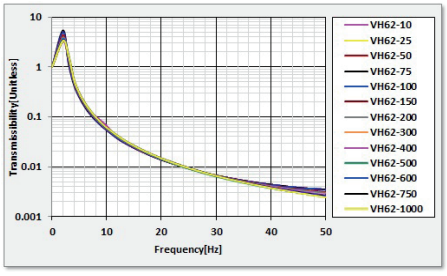
1	2
3	4

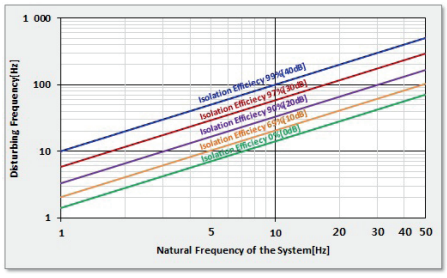
1.Load-Displacement Graph
2.Dynamic Stiffness Graph
3.Transmissibility Graph
4.Isolation Efficiency Graph

■ VH62 Test Data









1	2
3	4

1.Load-Displacement Graph
2.Dynamic Stiffness Graph
3.Transmissibility Graph
4.Isolation Efficiency Graph