

Farrat FV dampers have the effect of limiting the motion of spring supported systems. Where a system is likely to travel through resonant frequencies or is subject to shock loads the undamped movement can be relatively high. The incorporation of a viscous damping in such a system will limit movement by converting the kinetic energy of the movement into heat within the viscous fluid of the damper.

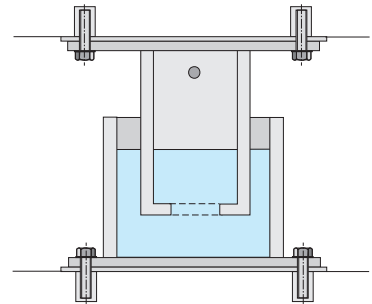


Fig 11.2

Product	Width mm	Length mm	Working Height mm	Damping Ratio C/Cc
FV 1	250	250	300	0.2-0.5
FV 2	330	330	400	0.2-0.5
FV 3	406	406	450	0.2-0.5

The standard type FV DAMPER UNITS are available in three sizes. Damper size required will depend upon the mass being supported and the system natural frequency. Resilient pads to isolate higher frequencies are provided for the top and bottom plates with suitably sized "cast in" sockets and fixing screws. Damping fluid is supplied in separate containers. Farrat will work with you to advise and supply the correct damper for your application.