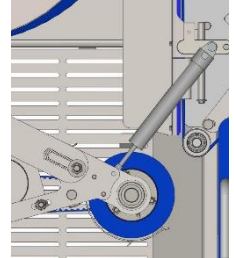
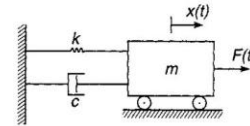




## Technical Data Sheet KYNTec Corporation Vibration Damper

### Applications:

- Systems Requiring Classical Spring-Mass-Damper Vibration Isolation Over a wide Range of Forcing Frequencies
- Tensioner Pullies
- Applicator Rolls on Continuous Feed Lines

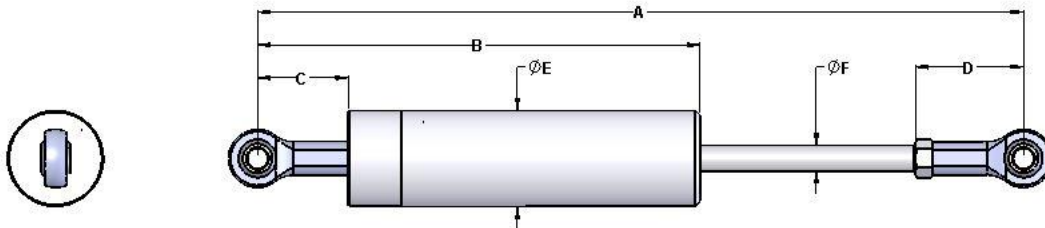


### Damping Outputs:

The KYNTec Corporation Vibration Damper Series provides enhanced vibration isolation over a wide range of frequencies and forces as a stand-alone product or in conjunction with another isolation system that cannot isolate all your resonant frequencies. Our vibration dampers can provide sub-linear to linear velocity power functions with a wide range of damping coefficients available.

### Design Features:

- Custom Designs Available for Any Application
- Application Specific Damping Coefficients and Self-Contained Internal Spring Dampers
- Wide Range of Operating and Storage Temperatures with Thermal Compensation
- Custom Materials, Coatings, Fluids, Seals or Interfacing
- Optional Protective Rubber Bellows, Rod Ends or Application Specific Interfacing.
- Optional Integral Elastomeric Clevises Available for enhanced Vibration Isolation Performance



KYNTec MODEL	STROKE in. (mm)	INPUT FREQUENCY (Hz)	MAXIMUM SHOCK FORCE lbs (N)	VELOCITY POWER FUNCTION	DAMPING CONSTANT lb-s/in (N-s/m)
KVD Series of Vibration Dampers	3.00 (SHOWN) (76,2) As Required For Your Application	1 to 50	1 to 1200 (5 to 5400)	Sub-Linear, Linear and Up to Velocity Squared	Custom Designed to Your Specification

KYNTec Corporation can custom orifice our products to match the dynamics of any competitive product or application.

Model	A FULLY EXTENDED in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)	$\phi E$ in. (mm)	$\phi F$ in. (mm)
KVD145	11.63 (295,4)	6.72 (170,7)	1.38 (35,0)	1.64 (41,7)	1.45 (36,8)	.38 (9,7)

**Additional Standard or Custom Models Available**  
**Subject to Change, Please Consult Factory for Additional Information**