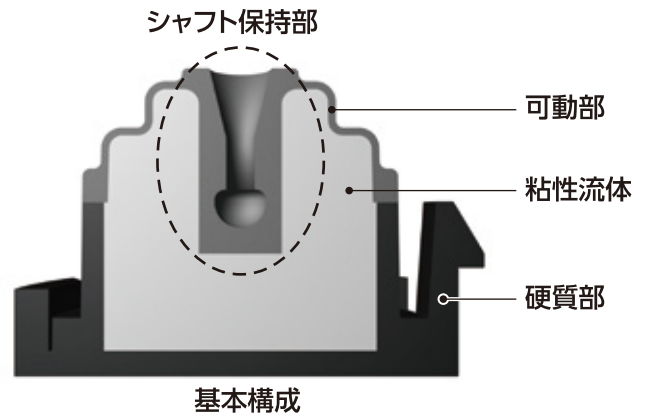




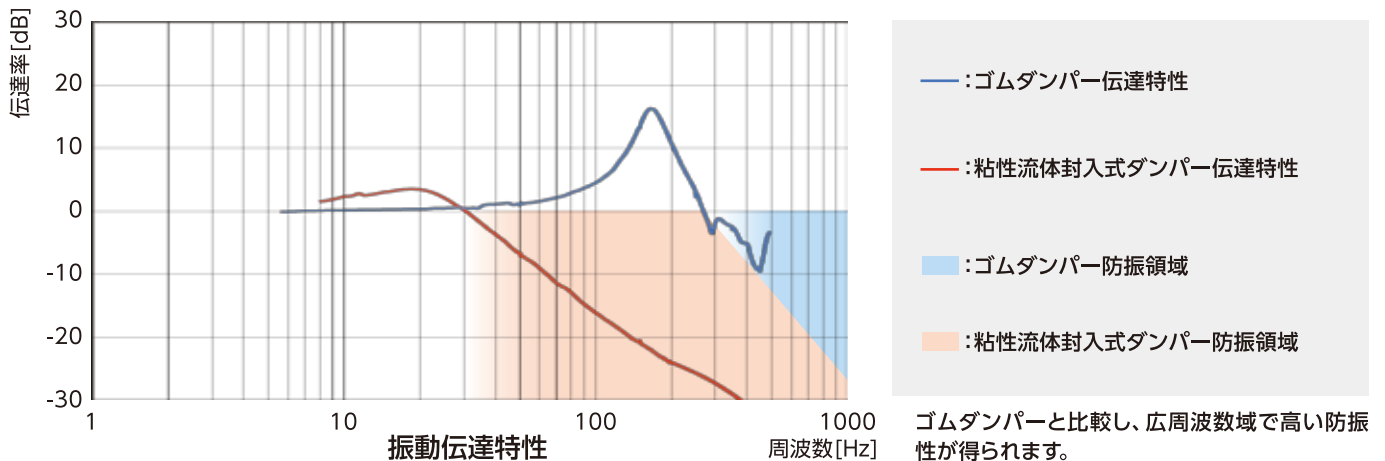
# 粘性流体封入式ダンパー

優れた防振効果・緩衝緩和効果を得られる粘性流体封入型ダンパー

- 封入された粘性流体による高い減衰性能
- 高い耐久性:自動車等の大きな振動が発生する環境内でも破損しません
- 樹脂部の設計自由度を生かした、幅広いカスタマイズ性



## 特性例

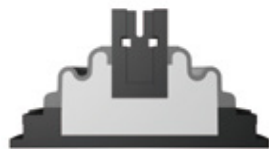


## バリエーション



HBD

Hard Resin Lid: Hard Resin  
Bellows: Thermoplastic elastomer



HFD

Hard Resin Lid: Hard Resin  
Bellows: Thermoplastic elastomer  
Shaft Pocket: Hard Resin



Butyl HBD

Hard Resin Lid: Hard Resin  
Bellows: Butyl Rubber

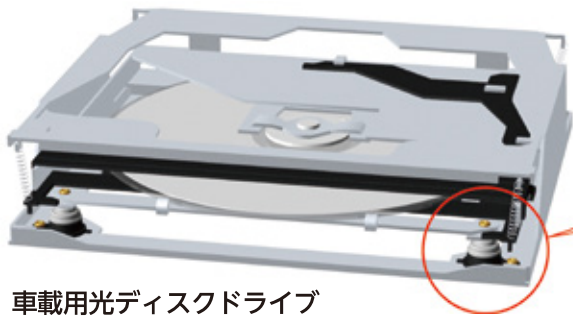


LRD

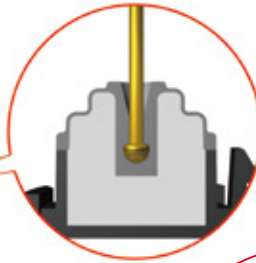
Lid: Rubber  
Bellows: Rubber



用途例



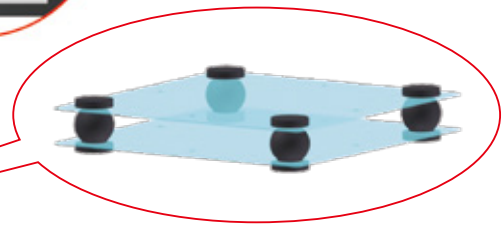
車載用光ディスクドライブ



シャフトを挿入して固定



ドローン(カメラへの振動抑制)



くぼみを利用しLRDを挟み込む様に固定



LRD

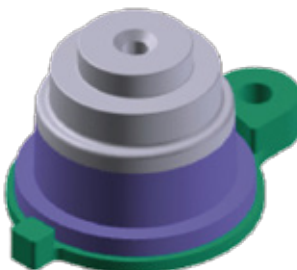
標準形状



HBD-20T	
Size [mm]	
Damper Height	6.0
Length	19.5
Width	12.9
Vibration Characteristics (58g/1pcs)	
f <sub>0</sub> [Hz]	20.0
Q [dB]	4.86
f <sub>cr</sub> [Hz]	28.8
T <sub>100</sub> [dB]	-18.7



HBD-42T	
Size [mm]	
Damper Height	12.8
Length	22.0
Width	16.1
Vibration Characteristics (75g/1pcs)	
f <sub>0</sub> [Hz]	15.0
Q [dB]	1.83
f <sub>cr</sub> [Hz]	24.3
T <sub>100</sub> [dB]	-14.9



HBD-31U	
Size [mm]	
Damper Height	10.8
Length	21.0
Width	14.5
Vibration Characteristics (77g/1pcs)	
f <sub>0</sub> [Hz]	22.0
Q [dB]	1.86
f <sub>cr</sub> [Hz]	39.0
T <sub>100</sub> [dB]	-11.3



HBD-380CS	
Size [mm]	
Damper Height	12.3
Length	28.6
Width	28.6
Vibration Characteristics (360g/1pcs)	
f <sub>0</sub> [Hz]	7.0
Q [dB]	6.18
f <sub>cr</sub> [Hz]	9.6
T <sub>100</sub> [dB]	-30.1