



Dr Rumble – Cyclic Wear Detection

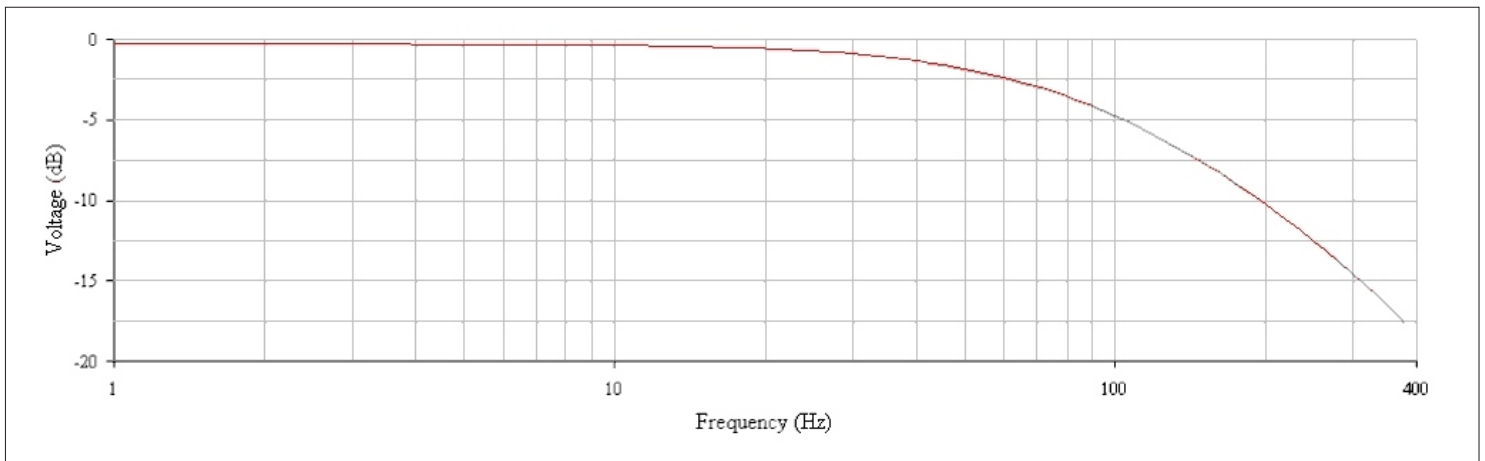
Applications:

Use for early detection of wear in bearings or other rotating machinery.

Using the high frequency noise characteristics which bearings exhibit, and examining their low frequency components, wear can be detected well in advance of failure or 'running rough'.

The characteristics of classic ovoid wear are found throughout industries such as automotive, marine, power engineering, conveyor systems, rolling mills, paper and pulp production, aerospace, mining and quarrying, etc.

Performance and Response:



Specifications:

- Visual Indicator: Green/Red LED
- Power Supply: 10-32V DC @ 20mA typical
- Operating Range: -25°C to +85°C
- Size: 18mm x 53mm x 97mm
- Fixing: 2 off M4 set screws or studs
- Body Material: Injection moulded Nylon 66
- Environmental Rating: IP65
- Output: Isolated volt-free N/O contact rated at 48V max AC or DC @ 100mA