

Velocity Range Limits & Machinery Classes - ISO Standard 2372.

Peak * ₂ velocity ranges of vibration severity.	Vibration severity * ₁ for separate classes of machines.	
In/sec ::	Class III	Class IV
0.014	A Good	A Good
0.042		
0.056		
0.091		
0.098	B Alert	B Alert
0.140		
0.154		
0.252	C Alarm	C Alarm
0.280		
0.393		
0.421		
0.617	D Damaging	D Damaging
0.842		
1.081		
1.544		
2.485		

*₁ Letters A, B, C & D represent machine vibration grades, ranging from good (A) to unacceptable (D).

*₂ Values given in RMS changed to Peak as used in our measurements.

Class III. Large prime movers mounted on heavy rigid foundations.

Class IV. Large prime movers mounted on relatively soft light weight structures.