

**Class I (Small):** Machines less than 20HP.

**Class II (Medium):** Machines from 20-100HP without special foundations.

**Class III (Large):** Machines with rigid foundations and over 100HP.

**Class IV (Large):** Machines with soft foundation and over 100HP.

<b>VIBRATION SEVERITY PER ISO 10816</b>					
<b>Machine</b>		<b>Class I small machines</b>	<b>Class II medium machines</b>	<b>Class III large rigid foundation</b>	<b>Class IV large soft foundation</b>
<b>in/s</b>	<b>mm/s</b>				
<b>Vibration Velocity Vrms</b>	0.01	0.28			
	0.02	0.45			
	0.03	0.71		<b>good</b>	
	0.04	1.12			
	0.07	1.80			
	0.11	2.80		<b>satisfactory</b>	
	0.18	4.50			
	0.28	7.10		<b>unsatisfactory</b>	
	0.44	11.2			
	0.70	18.0			
	0.71	28.0		<b>unacceptable</b>	
	1.10	45.0			