

Vibration Guide for Industrial Equipment – For use with Chesterton Connect

Made in accordance with ANSI – For reference use only

Chesterton Connect App is available in both imperial & metric values (inch/second)-(mm/second)

Centrifugal Pumps	Good inch/sec	Fair inch/sec	Good mm/sec	Fair mm/sec	Alarm 1 inch/sec	Alarm 2 inch/sec
ANSI Horizontal Pump	0 - .200	.200 - .300	0-5.08	5.08-7.62	.300	.450
Horizontal Feed Pump	0 - .200	.200 - .300	0-5.08	5.08-7.62	.300	.450
Vertical Pumps (0 -5' Foot)	0 - .200	.200 - .300	0-5.08	5.08-7.62	.300	.450
Vertical Pumps (5 -8' Foot)	0 - .225	.225 - .350	0-5.72	5.72-8.89	.350	.525
Vertical Pumps (8 -12')	0 - .275	.275 - .425	0-6.99	6.99-10.8	.425	.650
Vertical Pumps (12 -20')	0 - .325	.325 - .500	0-8.23	8.23-12.7	.500	.750
Blowers (Fans)	Good inch/sec	Fair inch/sec	Good mm/sec	Fair mm/sec	Alarm 1 inch/sec	Alarm 2 inch/sec
Lobe - Type Rotary	0 - .300	.300 - .450	0-5.08	5.08-11.43	.450	.675
Belt – Driven Blowers	0 - .275	.275 - .425	0-6.99	6.99-10.8	.425	.650
General Direct Drive Fans (W/ Coupling)	0 - .250	.250 - .375	0-6.35	6.35-9.53	.375	.550
Primary Air Fans	0 - .250	.250 - .375	0-6.35	6.35-9.53	.375	.550
Vacuum Blowers	0 - .200	.200 - .300	0-5.08	5.08-7.62	.300	.450
Large FD Fans	0 - .200	.200 - .300	0-5.08	5.08-7.62	.300	.450
Large Induced Draft Fans	0 - .175	.175 - .275	0-4.45	4.45-6.99	.275	.400
Shaft Mounted Integral Fan (extended Shaft)	0 - .175	.175 - .275	0-4.45	4.45-6.99	.275	.400
Vane – Axial Fans	0 - .150	.150 - .250	0-3.81	3.81-6.35	.250	.375
Compressors	Good inch/sec	Fair inch/sec	Good mm/sec	Fair mm/sec	Alarm 1 inch/sec	Alarm 2 inch/sec
Reciprocating	0 - .325	.325 - .500	0-8.23	8.23-12.7	.500	.750
Rotary Screw	0 - .300	.300 - .450	0-7.62	7.62-11.43	.450	.650
Centrifugal with / W/O EXT Gearbox	0 - .200	.200 - .300	0-5.08	5.08-7.62	.300	.450
Centrifugal – Integral Gear (Axial Meas)	0 - .200	.200 - .300	0-5.08	5.08-7.62	.300	.450
Centrifugal – Integral Gear (Radial Meas)	0 - .150	.150 - .250	0-3.81	3.81-6.35	.250	.375
Cooling Tower Drives	Good inch/sec	Fair inch/sec	Good mm/sec	Fair mm/sec	Alarm 1 inch/sec	Alarm 2 inch/sec
Long Hollow Shaft	0 - .375	.375 - .600	0-9.53	9.53-15.24	.600	.900
Close Coupled Belt Drive	0 - .275	.275 - .425	0-6.99	6.99-10.8	.425	.650

