

# ISO 10326-3:2024-11 (E)

## Mechanical vibration - Laboratory method for evaluating vehicle seat vibration - Part 3: Specification of dynamic dummies for Z-axis motion

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	<b>Scope .....</b>	<b>1</b>
2	<b>Normative references .....</b>	<b>1</b>
3	<b>Terms and definitions .....</b>	<b>1</b>
4	<b>Symbols and abbreviated terms .....</b>	<b>3</b>
5	<b>Measuring instrumentation and vibration equipment .....</b>	<b>3</b>
6	<b>Requirements for dynamic dummies .....</b>	<b>4</b>
6.1	<b>Mass .....</b>	<b>4</b>
6.2	<b>Mechanical components .....</b>	<b>4</b>
6.3	<b>Seat contact .....</b>	<b>4</b>
6.4	<b>Apparent mass .....</b>	<b>4</b>
7	<b>Validation test for dynamic dummies .....</b>	<b>6</b>
8	<b>Test report .....</b>	<b>8</b>
Annex A (informative)	<b>Idealized Z-axis (vertical) apparent mass at seat cushion of a lightweight (52 kg to 55 kg) group and of a heavyweight (98 kg to 115 kg) group .....</b>	<b>9</b>
Annex B (informative)	<b>An example of passive dynamic dummy .....</b>	<b>14</b>
Annex C (informative)	<b>Example of active dynamic dummy .....</b>	<b>18</b>
Annex D (informative)	<b>Comparison of SEAT value of seats measured with an active dynamic dummy and with participants .....</b>	<b>19</b>
Annex E (informative)	<b>Example of setting up a dynamic dummy on a seat for measuring seat transmissibility .....</b>	<b>21</b>
Bibliography .....		<b>22</b>