

List of products of harmonised standards

Code 05: STRUCTURAL BEARINGS PINS FOR STRUCTURAL JOINTS

Standard	Name	Application	Product-type	Intended use	System of attestation	Mandate
EN 1337-3	Structural bearings — Part 3: Elastomeric bearings	This standard applies to elastomeric bearings with dimensions in plan up to (1200 x 1200) mm. It applies to laminated bearings types A, B, C, laminated sliding bearings types E and D, plain pad and strip bearings type F. This part deals with bearings for use in operating temperatures ranging from – 25 °C to + 50 °C and for short periods up to + 70 °C.	Elastomeric bearings; sliding elastomeric bearings	In buildings and civil engineering works where requirements on individual bearings are critical	1	M/104
				In buildings and civil engineering works where requirements on individual bearings are not critical	3	
EN 1337-4	Structural bearings — Part 4: Roller bearings	This standard specifies the requirements for the design and manufacture of single and multiple roller bearings, in which the roller axis is horizontal. The roller bearings can be combined with sliding elements in accordance with EN 1337-2. The roller bearings can be combined with bearings from other parts of EN 1337.	Roller bearings	In buildings and civil engineering works where requirements on individual bearings are critical	1	M/104
				In buildings and civil engineering works where requirements on individual bearings are not critical	3	
EN 1337-5	Structural bearings — Part 5: Pot bearings	This standard specifies the requirements for the design and manufacture of pot bearings which will be used for operating temperatures between – 40 °C and 50 °C. Bearings which are subjected to rotation α greater than 0,030 rad (see Figure 2) under the characteristic combination of actions or which incorporate elastomeric pads larger than 1500 mm in diameter are beyond the scope of this part of EN 1337.	Pot bearings	In buildings and civil engineering works where requirements on individual bearings are critical	1	M/104
				In buildings and civil engineering works where requirements on individual bearings are not critical	3	
EN 1337-6	Structural bearings — Part 6: Rocker bearings	This standard specifies the requirements for the design and manufacture of rocker bearings. In order to accommodate displacements rocker bearings can be combined with a sliding element in accordance with EN 1337-2. Bearings which are subjected to rotation greater than 0,05 rad resulting from the characteristic combination of actions are outside the scope of this part of EN 1337.	Rocker bearings	In buildings and civil engineering works where requirements on individual bearings are critical	1	M/104
				In buildings and civil engineering works where requirements on individual bearings are not critical	3	

EN 1337-7	Structural bearings — Part 7: Spherical and cylindrical PTFE bearings	This Standard deals with the requirements for the design and manufacture of spherical and cylindrical PTFE bearings. Spherical and cylindrical bearings with an included angle $2\alpha > 60^\circ$ and $2\alpha > 75^\circ$ respectively are beyond the scope of this part of EN 1337.	Spherical and cylindrical PTFE bearings	In buildings and civil engineering works where requirements on individual bearings are critical	1	M/104
				In buildings and civil engineering works where requirements on individual bearings are not critical	3	
EN 1337-8	Structural bearings — Part 8: Guide Bearings and Restraint Bearings	This Standard deals with the requirements for the design and manufacture of Guide Bearings and Restraint Bearings.	Guide Bearings and Restraint Bearings	In buildings and civil engineering works where requirements on individual bearings are critical	1	M/104
				In buildings and civil engineering works where requirements on individual bearings are not critical	3	