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| **Annexure MRTS81.1 (November 2020)** |
| **Bridge Bearings** |
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| **Specific Contract Requirements** |
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| **Contract Number**  |  |
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| Note: | Clause references within brackets in this Annexure refer to Clauses in the parent Technical Specification MRTS81 unless otherwise noted. |

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| Structure |  |

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| Elastomeric bearings (Clause 6)Single unbonded layer bearingsThe following information is required to be supplied for all single unbounded layer bearings. |
| Standard Work Item Number | Dimensions (mm) | Service load at zero shear and zero rotation (kN/m) |
| Length | Breath | Thickness |
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| Laminated elastomeric bearingsThe following information is required to be supplied for laminated elastomeric bearings. |
| Standard Work Item Number | AS part number (refer AS 5100.4) |
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## Non-Standard laminated elastomeric bearings

The following information is required to be supplied for non-standard laminated elastomeric bearings.

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| **Plan size** **(mm x mm)** | **Overall Height** **(mm)** | **Compression stiffness at zero shear (kN/mm)** | **Mean shear stiffness (KN/mm)** | **Shear deflection capacity** **(mm)** | **Rated load at zero shear & zero rotation (kN)** | **Rated load at max. shear & zero rotation (kN)** |
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| Pot bearings (Clause 7)The following information is required to be supplied for all pot bearings. |
| Item No. | Location | Type (sliding or fixed) | Maximum ultimate compression load (kN) | Maximum ultimate shear load (kN) | Minimum ultimate compression load (kN) | Serviceability vertical load (kN) | Movement (sliding bearings) (mm) | Design rotation (radian) |
| ULCmax | ULSmax | ULCmin | SLSmax |
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| Supplementary requirements (Clause 8)The following supplementary requirements shall apply to the supply and testing of bearings. |
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