Guide for calculation of a bogie within DIMA

Basically the calculation takes place as a two-axle wagon.

1. Create a new data record in the database “Car body” (Fahrzeugkasten) and enter the general vehicle data:
   - Lenght over buffers (Länge über Puffer) = length over car body (Länge Wagenkasten) = length of the bogie
   - Distance between pivots (Drehzapfenabstand) = distance between the end axles of the bogie
   - Axially symmetrical (längssymmetrisch)
2. Create a new data record in the data base “Running gear/bogie” (Fahrwerk) and enter the general data, transverse plays, vertical movements and inclination of the vehicle around the longitudinal axis:
   - Bogie configuration (Art des Fahrwerks) = uniaxial running gear (einachsiges Fahrwerk)
   - No excentricity (longitudinal off-set of wheelbase centre = Exzentrizität), no body angle (possible tangential deviation of the running gear = Schrägstellung)
   - No secondary spring displacement (only primary spring displacement = größter Federweg, Primärstufe)
   - No transoms (Gleitstück)
   - Roll centre and vehicle flexibility coefficient of the associated vehicle (Wankpolhöhe und Neigungskoeffizient)
   - Dimensions of the running gear (Abmessungen Fahrwerk) are not necessary
3. Generate a new project:
   - Tabsheet “Data sets vehicles/modules” (“Datensätze Fahrzeug/Module”):
     - Type of module (Modultyp): 2
     - Leading and trailing running gear (vorlaufendes und nachlaufendes Fahrwerk): in each case the data record of the uniaxial running gear defined under section 2