

## Linear motion



**Machine sliding doors or plant components of special machinery – these elements, often real heavy-weights, can hardly be moved without linear guide systems. Elesa+Ganter has not one, but several new models in its standard range.**

At the start of the leading technology trade fairs for mechanical engineering and automation engineering, standard element specialist Elesa+Ganter presents its latest extension to its product range: linear motion bearings and roller guide systems, elements which are virtually indispensable in applications involving mechanical engineering and handling technology.

Linear motion bearings are structured similar to radial ball bearings. They have an outer rail in which a runner moves in linear direction, kept in the proper distance and position with roller bearings and a cage. Different models are available for different applications in which the traversal distances of the runners are either inside, partly outside or fully outside the rails. In the fully retractable “telescope” linear motion bearings, two linear motion bearings are linked directly or via intermediate profiles.

Roller guide systems are made up of one outer rail with rollers or roller carriages moving inside these rails. There is a choice of 3 roller carriages which differ in terms of attachment, material and sealing and which are equipped with 3 rollers in the standard design. The rails are available either as floating bearing rails or as fixed bearing rails and in two types of mounting holes. High traversal speeds and excellent running smoothness are the outstanding features of these roller guide systems made by Elesa+Ganter.

The use of high-quality antifriction bearing and heat-treatment steel and the anticorrosion zinc plating guarantee low wear and tear and a long service life.

Both, the linear motion bearings and the roller guide systems are available in 3 or 4 nominal sizes, in standard lengths, ex warehouse and – on request – also in customised lengths.

Find out more at [www.elesa-ganter.com](http://www.elesa-ganter.com)

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