

#### 4.1 Product Characteristics ALM 70

The compact linear module ALM70 is suitable for universal application as an individual axis or in combination with multi-axis systems. Special adapter plates also make possible the combination with other sizes and types.

By using SCHNEEBERGER profile rail guideways type MONORAIL BM 15, a high guiding accuracy is also assured in the case of high tilting torques.

The rigid aluminum profile with recessed grooves enables a simple fixing of the module in any position by means of sliding blocks.

The use of ball screw drives or synchronous belts enables both precise as well as rapid movement tasks.

The linear module corresponds to the protection class IP 40. The standard Teflon covering supplied effectively protects against contamination with dirt and therefore enables a long service lifetime even under dirty ambient conditions.

For a low-maintenance operation, the profile rail guideway is factory equipped with grease lubrication. In case of highly dynamic applications, a re-greasing connection for the guideway is available as an option. The basic element is supplied as a standard version with the table plate type AP-70-01-TH. Basic and adapter plates as well as other accessories, such as sliding blocks, limit and reference switches, motors and control systems have to be ordered separately.

**Figure 1:**  
Sectional view  
Linear module ALM 70-S



