

## Pipe support elements – sliding shoe for uninsulated and insulated pipelines with max. 80 mm insulation thickness

Information within brackets ([...]) in this document refers to local regulations.

### Scope

This standard provides recommendations concerning sliding shoes for uninsulated and insulated pipelines with maximum 80 mm insulation thickness, used for sliding supports, guides and fixes made in accordance with [SSG 7005E](#) – Types 11A, 12A, 13A, 14A, 15A and 36A.

### Changes since the previous edition

This edition differs from the previous edition in that:

- Section 2.2 – “Types and variants” has been added.
- The reference to the manufacturing requirements in section 3.1.4 – “Manufacturing requirements” now refers to the entire section 4 in [SSG 7000E](#).
- Clarification of the material on which the calculations are based on has been added in section 3.2.1 – “Calculation requirements”.
- The figures has been clarified and increased.
- Values for DN65 and DN450 has been added to “Table 2”.
- The welding dimension “a” has ben added in “Table 3”.
- Clarification regarding welding has been added to footnote 3 and 4 for types 11–15 in “Table 3”.

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- 1 Related documents** [SSG 7000E](#) – *Anchorage and supports – design recommendations for pipelines*  
[SSG 7005E](#) – *Anchorage and supports for pipelines – types*  
[SSG 7075E](#) – *Pipe support elements – pipe clamp of steel – split type*  
[SSG 7155E](#) – *Pipe support elements – retainer for sliding shoes*
- 2 Designation** **Sliding shoe SSG 7149E - Type - D<sub>k</sub>** (angle "γ" - length "L")<sup>1)</sup>
- 2.1 Example** **Sliding shoe SSG 7149E - 13AL- D<sub>k</sub> 104**
- 2.2 Types and variants** **Type 11:** Simple sliding shoe  
**Type 12:** Type 11 with retainer SSG 7155E  
**Type 13:** Two-way steering  
**Type 14:** Three-way steering  
**Type 15:** Four-way steering  
**Variant A:** For uninsulated, protective insulated and insulated pipelines with max. 80 mm insulation thickness  
**Variant K:** Short sliding shoe  
**Variant L:** Long sliding shoe
- 3 Requirements**
- 3.1 General**
- 3.1.1 Description** Sliding shoe made of pipe clamp [SSG 7075E](#), T-bar and angle bar.  
The length tolerance for T- and angle bars must be adjusted during manufacture so that the screw in the clamp can be mounted.
- 3.1.2 Materials** Steel S235JR G2 in accordance with EN 10025.
- 3.1.3 Surface treatment** Hot dip galvanized in accordance with EN ISO 1461, for steel EN 10025 - S235JRG2.
- 3.1.4 Manufacturing requirements** Refer to [SSG 7000E](#), section 4.

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1) Stated only in case of deviations from standard, refer to section "3.3"