

SBS 2T Pantograph - DC

The Innovation for Normal up to Middle-speed Use in the Direct Current Supply System

Technical Data	
Overall height in lowered state:	610mm
Min. working height above lowered state:	300mm
Max. working height above lowered state:	2400mm
Lifting height:	>2500mm
Nominal insulation:	25kV
Nominal current with carbon:	1000A
Nominal current with metal impregnated carbon:	1500A
Nominal current with metal:	2500A
Contact force, adjustment range:	60-150N
Max. operating speed with respective contact line:	160km/h
Collector head width (operator specifically adaptable):	1450mm
Total weight including insulators:	approx. 150kg



Functionality:

The pantograph frame consists of the lower arm, upper arm and the coupling rod. In combination with the base frame, these parts form the four-bar mechanism which guides the pantograph in an approximately vertical manner.

Two air spring bellows are used for lifting the pantograph and for producing the contact force. The bellows are arranged between the base frame and the lower arm. The pantograph is lowered through its own weight after the air spring bellows have been emptied. The lifting and lowering of the pantograph is possible at all speeds of travel.

SSS 87 Pantograph – AC/DC

The Innovation for Middle-speed Use



Functionality:

The pantograph frame consists of the lower arm, upper arm and the coupling rod. In combination with the base frame, these parts form the four-bar mechanism which guides the pantograph in an approximately vertical manner.

An air spring bellow is used for lifting the pantograph and for producing the contact force. The bellow is arranged between the base frame and the lower arm. The pantograph is lowered through its own weight after the air spring bellow has been emptied. The lifting and lowering of the pantograph is possible at all speeds of travel.

Technische Daten Technical Data

Bauhöhe in Senklage: (Standard/optional) Overall height in lowered state (standard/optional):	600 mm/540 mm
Min. Arbeitshöhe über Senklage: Min. working height above lowered state:	300 mm
Max. Arbeitshöhe über Senklage: Max. working height above lowered state:	2400 mm
Steighöhe: Lifting height:	> 2500 mm
Nennisolation: Nominal insulation:	25 kV
Nennstrom mit Kohle: Nominal current with carbon:	1000 A
Nennstrom mit metallprägnierter Kohle: Nominal current with metal impregnated carbon:	2200 A
Kontaktkraft Einstellbereich: Contact force, adjustment range:	60 – 150 N
Max. Betriebsgeschwindigkeit bei entsprechender Fahrleitung: Max. operating speed with respective contact line:	250 km/h
Wippenbreite (Betreiberspezifisch anpassbar): Collector head width (operator specifically adaptable):	1950/1600/1450 mm
Gesamtgewicht inkl. Isolatoren: Total weight including insulators:	ca./approx. 135 kg