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Assembly, Setup, Operating, and Maintenance Instructions for the Trailer Mounting
 Frame Type: WUB 18/2, Model G and K

Assembly:

Use at least 18 bolts per side to attach the two side flanges of the trailer mounting frame. The holes to be applied to the vehicle frame must be drilled in such a way that 3 rows of holes with at least 6 drill holes must be drilled. The vertical distance of these 3 rows of holes must be at least 60 mm. The smallest distance from the edge of the respective first hole of a row of holes must be 30 mm from the top edge and the side edge.

The following connection elements must be used for assembly:

Hex fitting bolts M 14, DIN 610 - 8.8 or 10.9

Hex nuts M 14, DIN 980 - 8 or 10

The tightening torque is 125 Nm at strength class 8.8 and 185 Nm at class 10.9

Optional connection elements:

Hex bolts M 16 DIN 933 - 8.8 or 10.9

Hex nuts M 16 DIN 980 - 8 or 10

The tightening torque is 195 Nm at strength class 8.8 and 290 Nm at class 10.9

Optional connection elements:

Flange bolts M 16 x 1.5 DIN 6921 - 10.9

Flange nut M 16 x 1.5 DIN 6927 - 10

The tightening torque is 250 +10/0 Nm.

The holes in the vehicle frame must be carried out in accordance with DIN specifications.

A suitable tow hitch can be installed in the trailer mounting frame.

Follow the installation instructions of the manufacturer of the tow hitch.

In addition, always comply with the installation and setup guidelines of the vehicle manufacturer.

Maintenance:

All screw and bolt connections of the trailer mounting frame must be checked for tightness and proper fit at least once a month or at least every 20000.

Deviations from this assembly instructions are permitted only with the prior approval of WAP Fahrzeugtechnik GmbH or an officially recognized expert.

Subject to change!

Nummer	Datum
MA-021E	04-10-2011

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Technical Data

zul. Dc-Wert:	130 kN	zul. Dc-Wert:	130 kN
zul. V-Wert:	75 kN	zul. V-Wert:	60 kN
zul. Stützlast:	1000 kg	zul. Stützlast:	2000 kg
zul. D-Wert:	190 kN	zul. D-Wert:	190 kN

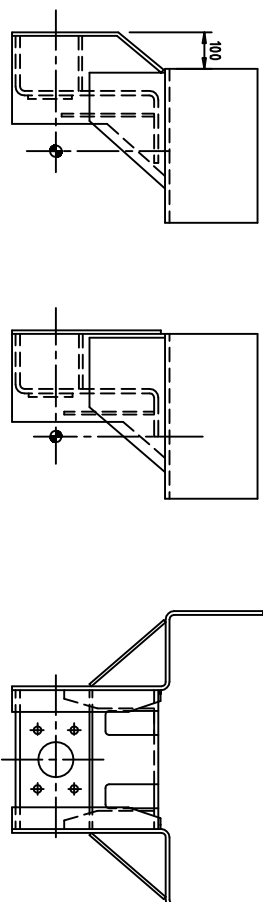
$$Dc = \frac{T \times R}{T + R} \times 9.81$$

$$T = \frac{Dc \times R}{R + 9.81} - D$$

$$R = \frac{Dc \times T}{T + 9.81} - D$$

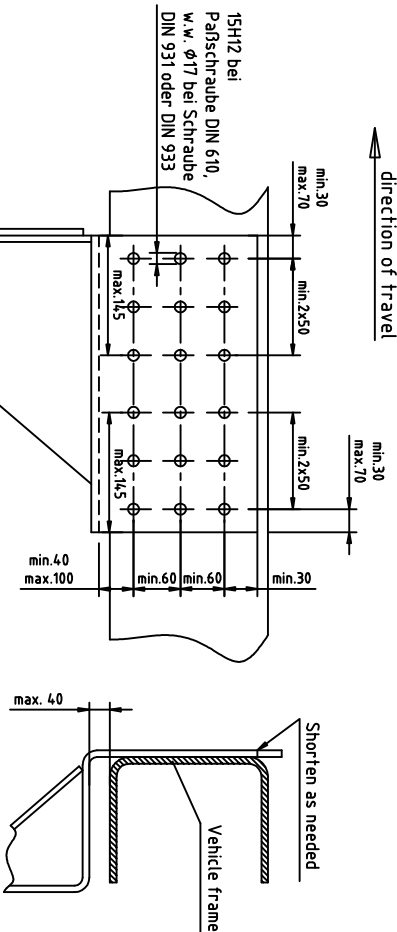
Dc = Direction of travel perm. coupling thrust in kN
 T = Towing vehicle total weight in to
 R = Trailer total weight in to

The technical data may differ in individual cases.
 Please note the information of the TÜV certificate.



WUB 18/2 K

WUB 18/2 G



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