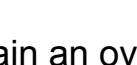


For construction work please note that:

The area in front of and behind the test stand should be horizontal for a distance of approx. one vehicle length.

Measurements thus encircled  contain an overmeasure for assembly purposes. Positive deviation only are admissible.

Duct for electric cables and compressed air supply to be provided.  
Not included in the scope of the AVL-Zöllner delivery.

All provisions to be realised according to the local laws.

- A** The pit walls must not be out of plumb with more than 5mm in direction to the pit center and more than 15mm away from the pit center with reference to the upper pit edge.
- B** In the area up to 250mm around the pit opening the surface of the finished floor must not deviate more than 2mm from the ideal horizontal plain.
- C** The surfaces of all foundation consoles ideally build up a common horizontal plain. Single foundation consoles must not deviate from that plain more than 2mm by oblique position or shifted levels.
- ① Signal cable output tube for fixed and moveable axle and compressed air
- ② Power cable output tube for fixed axle
- ③ Power cable output tube for moveable axle
- ④ Power and signal cable interface to facility

Settings for all non-tolerated free sizes:	
Basic size range (mm)	Limiting size (mm)
up to 100	± 1
up to 500	± 2
up to 1000	± 3
up to 3000	± 5
over 3000	± 8

All specifications about loads are local maximum forces (worst case scenario) and result in sum not the total load.

Weight of chassis dynamometer: 32300kg  
Maximum axle load: 4500kg

Internal cable lengths 8m for fixed and 17m for moveable axle provided by AVL-Zöllner.

Concrete mixture according to EN 206-1:  
Recommended concrete strength class: C35/45  
Minimum concrete strength class: C30/37  
The proper execution of the concrete work is in responsibility of the customer.

Foundation plan is according: TR1100010A01 (1st axle CAR) with TR0100032A01 (Ext. temp. range) and TR1100155A01 (2nd axle Stand.Power) or TR1100110A01 (2nd axle Full Power) TR1100011A01 (1st axle LIGHT TRUCK) with TR0100032A01 (Ext. temp. range) and TR1100156A01 (2nd axle Stand.Power) or TR1100111A01 (2nd axle Full Power) TR1100169A01 (1st axle LIGHT TRUCK HP) with TR0100032A01 (Ext. temp. range) and TR1100170A01 (2nd axle Full Power)

All dimensions in mm

Draw				Material	
Shape and position				Raw material	
General tolerances				Surface treatment	
Surface conditions				Weight	
Weld norm				242.79	
Created	2014-05-15	u1205	Revision	1:20	
Changed	2017-08-14	u10v08			
Approved	2017-08-15	04ANET1004			
Reviewed	2017-08-15	04ANET1004			
Foundation Plan 48" Roadsim 4x2 2.0m WB climatic				Chassis Dynamometer	
AVL Zöllner GmbH				M00076378 01	
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