

-- telefax --

06221/703300

Haldex - HD -Technik

**datasheet for brake calculation  
for semi trailer**

model of vehicle :

manufacturer :

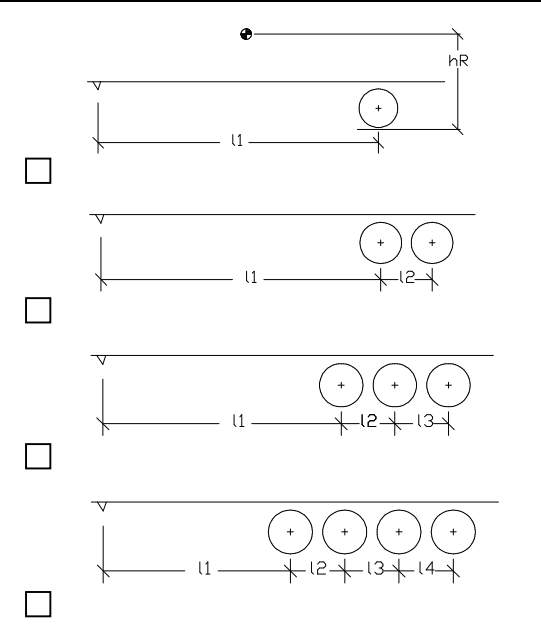


Innovative Vehicle Solutions

G 14047 / 9 SAE

country of homologation ? \_\_\_\_\_ !

approval acc. to **ECE, EEC** or national ? \_\_\_\_\_ !



**technical data :**

gross vehicle weight P \_\_\_\_\_ Kg

axle load PR 1 \_\_\_\_\_ Kg

axle load PR 2 \_\_\_\_\_ Kg

axle load PR 3 \_\_\_\_\_ Kg

axle load PR 4 \_\_\_\_\_ Kg

axle load PR 4 \_\_\_\_\_ Kg

axle load PR 4 \_\_\_\_\_ Kg

axle load Σ PR \_\_\_\_\_ Kg

height of centre of gravity min.-max. hR \_\_\_\_\_ mm  
\_\_\_\_\_ mm

wheelbase kp.- 1.axle min. - max. l1 \_\_\_\_\_ mm  
\_\_\_\_\_ mm

1.- 2. axle l2 \_\_\_\_\_ mm

2.- 3. axle l3 \_\_\_\_\_ mm

3.- 4. axle l4 \_\_\_\_\_ mm

3.- 4. axle l4 \_\_\_\_\_ mm

3.- 4. axle l5 \_\_\_\_\_ mm

min. - max. ER \_\_\_\_\_

**laden ?**

\_\_\_\_\_ Kg

\_\_\_\_\_ Kg

\_\_\_\_\_ Kg

\_\_\_\_\_ Kg

\_\_\_\_\_ Kg

\_\_\_\_\_ Kg

\_\_\_\_\_ Kg

\_\_\_\_\_ Kg

\_\_\_\_\_ mm  
\_\_\_\_\_ mm

\_\_\_\_\_ mm  
\_\_\_\_\_ mm

\_\_\_\_\_ mm

\_\_\_\_\_ mm

\_\_\_\_\_ mm

\_\_\_\_\_ mm

\_\_\_\_\_ mm

**unladen ?**

\_\_\_\_\_ Kg

\_\_\_\_\_ Kg

\_\_\_\_\_ Kg

\_\_\_\_\_ Kg

\_\_\_\_\_ Kg

\_\_\_\_\_ Kg

\_\_\_\_\_ Kg

\_\_\_\_\_ Kg

\_\_\_\_\_ mm  
\_\_\_\_\_ mm

\_\_\_\_\_ mm  
\_\_\_\_\_ mm

\_\_\_\_\_ mm

\_\_\_\_\_ mm

\_\_\_\_\_ mm

\_\_\_\_\_ mm

\_\_\_\_\_ mm

tyre type / size :

Rdyn./Rstat. (max./ min.) : \_\_\_\_\_ mm

vmax. for agriculture trailers only:

≤25Km/h  ≤40Km/h  ≤60Km/h  >60Km/h

**service braking system with:**

EB+  Gen3 **or**  Gen2 **or**  Gen1 ; ...S / ...M

ABS-MODAL/MODULAR ; ...S / ...M

ABS - UABS ; ...S / ...M

without ABS or EBS

further valves :

with TrCM / TrCM+  with TEM  with REV

with LSV  with light/ laden valve  w/o LSV

**parking braking system with:**

with spring brakes on which axles ? \_\_\_\_\_

no. and type per Axle ? \_\_\_ type ? \_\_\_\_\_

or mech. Handbrake system:

with hand screw type: manuf.? \_\_\_\_\_ Type ? \_\_\_\_\_

test report number ? \_\_\_\_\_

**axles /foundationbrakes**

manufacturer of axles ?  
axle type / test report-no.?

manufacturer and type  
of foundation brakes ?

possible lever lengths ?

no. of actuators per axle ?

1. axle \_\_\_\_\_

2. axle \_\_\_\_\_

3. axle \_\_\_\_\_

4. axle \_\_\_\_\_

Brake actuators :

diaphragm type

piston typ

no. per axle :

1  2

remark :

**suspension**

**mechanical**, balanced suspension during braking cond.? yes no ( VB or W/GW etc.)

manufacturer / type ? \_\_\_\_\_ / \_\_\_\_\_ , spring deflection (laden to unladen) Δ fs ? \_\_\_ mm

**unit**

**air suspension** - bellows pressure : laden ? \_\_\_\_\_ bar , unladen ? \_\_\_\_\_ bar

manufacturer ? \_\_\_\_\_ ! type ? \_\_\_\_\_ !

axle lift on axle(s) \_\_\_\_\_ !  self steering axle(s) \_\_\_\_\_ !

department / sign :

Phone/eMail :

date :