Tietjen

Our Fax: +49 (0) 4251.9340-40

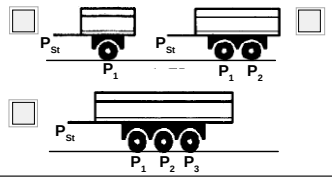
Brake Calculation Data Sheet (national regulations)

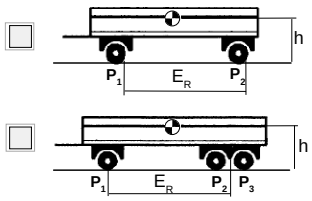
for agricultural and forestry trailers

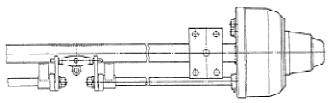
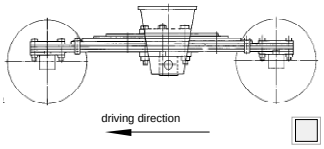
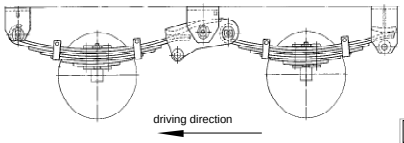
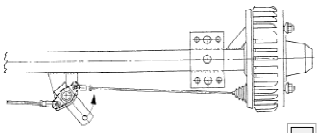
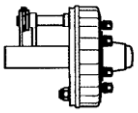
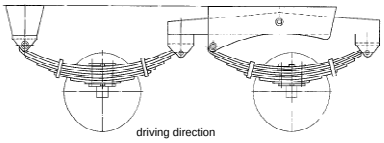
☐ request ☐ order

vehicle manufacturer:		trailer type:	

max. speed: ☐ < = 25 km/h ☐ > 25 km/h up to 40 km/h ☐ > 40 km/h

central axle trailer				laden	unladen
	total weight	P	kg		
	column load (max. 2000 kg)	P_{St}	kg		
	axle load axle 1	P_1	kg		
	axle load axle 2	P_2	kg		
	axle load axle 3	P_3	kg		

drawbar trailer				laden	unladen
	total weight	P	kg		
	axle load axle 1	P_1	kg		
	axle load axle 2	P_2	kg		
	axle load axle 3	P_3	kg		
	centre of gravity - height	h	mm		
	existing wheel base	E_R	mm		

brake type	aggregate type	
s-cam brake	bogie	assembly without dyn. compensation
		
spread-lever-brake	stub-axle	assembly with dyn. compensation
		

wheel brake manufacturer (BPW / Knott / Peitz / ADR ...)		
TDB-No. (certificate of wheel brake)		
wheel brake type (see type label on anchor plate)		
tyre size and manufacturer		
load apportioning with	☐ load apporting valve	☐ load sensing valve
desired cylinder	☐ piston cylinder	☐ membrane-type cylinder
air supply for second trailer (drive through)?	☐ yes	☐ no

which axle will be braked?	[axle]	1 ☐	2 ☐	3 ☐
cylinder quantity on this axle	[1 or 2]			
possible lever lenghts	[mm]			

sender		company stamp
name:		
phone:		
fax:		
e-mail:		