

# Test Report

No. KB 690-BSN.3

for the evaluation of Annex I, item 2.2.2.8.1  
of Directive 71/320/EEC

## 1 Technical characteristics of the brake

Manufacturer:	BPW Bergische Achsen Kommanditgesellschaft D-51674 Wiehl
Model:	SN 3616   SN 3620
Type:	Simplex-brake with S-cam application
Technically permissible brake load $G_{Bo,e}$ <sup>1)</sup> :	3400 daN   5775 daN
Brake drum diameter:	360 mm
Brake lining	
- Make, -Type:	Pagid, 328 Textar, T 090
- Width:	160 mm   200 mm
- Method of attachment:	Riveted
Brake lever with automatic adjusting device	
- Manufacturer:	BPW Bergische Achsen Kommanditgesellschaft D-51674 Wiehl
- Type:	AGS
Scope of application:	Trailers with power-braking system (compressed air) and pneumatic mechanical transmission
Diagram:	See sheet 2/2

- 2 Tests performed:** According to Annex II, item 1.3 (Type-I test) and 1.6 (Type-III test) of Directive 71/320/EEC in the version of Directive 98/12/EC taking account of vehicle category O with above mentioned brake models, brake linings and brake levers.

<sup>1)</sup> Calculation with  $g = 10 \text{ m/s}^2$



**3 Test results:**

After all the tests, a brake torque of 0 Nm was measured at a brake cylinder pressure of 0 bar and a brake drum temperature of < 100 °C.

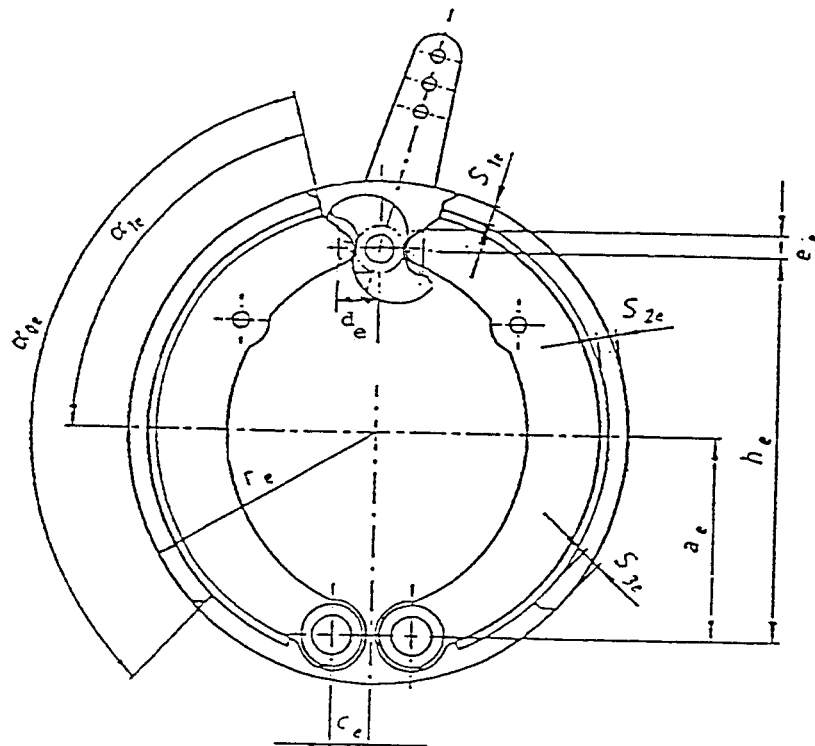
Essen, 08.03.2000

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 according to Directive 71/320/EEC in the  
 version of Directive 98/12/EC

**Brake diagram**



- All dimensions - except  $\alpha_{0e}$ ,  $\alpha_{1e}$  and  $F_e$  - in mm
- $F_e$  = effective braking surface per brake in  $\text{cm}^2$
- $b_e$  = brake lining-width

Brake	$a_e$	$h_e$	$c_e$	$d_e$	$e_e$	$\alpha_{0e}$	$\alpha_{1e}$	$b_e$	$r_e$	$F_e$	$S_{1e}$	$S_{2e}$	$S_{3e}$
SN 3616	132	255	33	42	14	115°	69,5°	160	180	1070	13	18	11
SN 3620	132	255	33	42	14	115°	69,5°	200	180	1348	13	18	11