



# Principschema

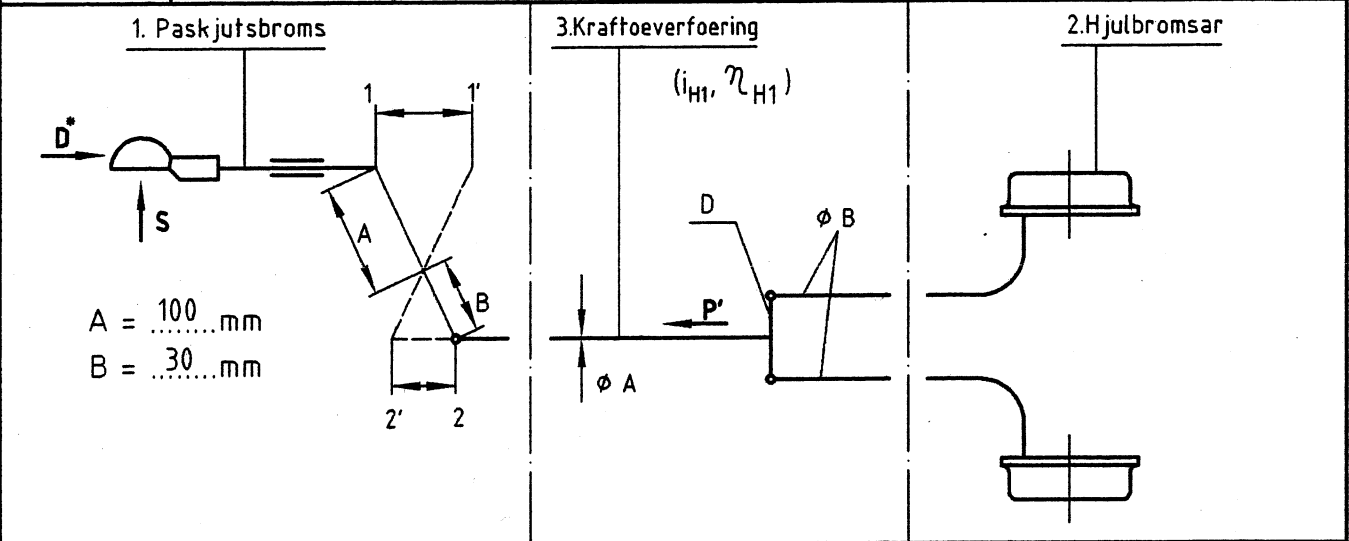
61.621.030.00

enligt 71/320 /EWG , avsnitt VIII , bilaga 1

4 Blatt Bl.Nr. 1

Abt. EZ-BZ  
Tag 06.05.99  
Bearb. Schmitz

BPW BERGISCHE ACHSEN KOMMANDITGESELLSCHAFT D-51674 WIEHL



## 1) BPW BERGISCHE ACHSEN KOMMANDITGESELLSCHAFT D-51674 WIEHL

Typ: PAV/SR-1,3, Ausf.: BX bis PX, EG-Provpr.Nr.: 21.2.4.10.0040 ;  $\eta_{Ho} = 0,91$

$G_{A \text{ min}} = 700 \text{ kg}$  ;  $G_{A \text{ max}} = 1350 \text{ kg}$  ;  $S_{\text{max}} = 1000 \text{ N}$

$2,50 < i_{\text{Ho till.}} < 4,00$

$$i_{Ho} = \frac{A}{B} = \frac{100}{30} \hat{=} \frac{1-1'}{2-2'} = \frac{90}{27} = 3,33$$

## 2) BPW BERGISCHE ACHSEN KOMMANDITGESELLSCHAFT D-51674 WIEHL

Typ: S 1704-7, Utf.: —, EG-Provpr.Nr.: AR 2011

$G_{Bo \text{ max}} = 500 \text{ kg}$  ;  $S_{PR \text{ max}} = 27 \text{ mm}$  ;  $i_g = 13,93$

Bromsbelägg: Beral 1517

$$\frac{1-1'}{i_{Ho}} = \frac{90}{3,33} = 27 \leq S_{PR} = 27 \text{ mm}$$

## 3) BPW BERGISCHE ACHSEN KOMMANDITGESELLSCHAFT D-51674 WIEHL

$i_{H1} = 1,0$  ;  $\eta_{H1} = 1,0$  ;  $\phi A \geq M10$  ;  $\phi B \geq M8$  ;  $D = \text{Fl } 40 \times 8 \text{ ww } 10$

$$i_H = i_{Ho} \cdot i_{H1} = 3,33 \cdot 1,0 = 3,33$$

$$\eta_H = \eta_{Ho} \cdot \eta_{H1} = 0,91 \cdot 1,0 = 0,91$$

$$P' = D \cdot i_{Ho} \cdot 2,5 = 981 \text{ N} \cdot 3,33 \cdot 2,5 = 8167 \text{ N} \leq P_{\text{till}} = 24800 \text{ N}$$

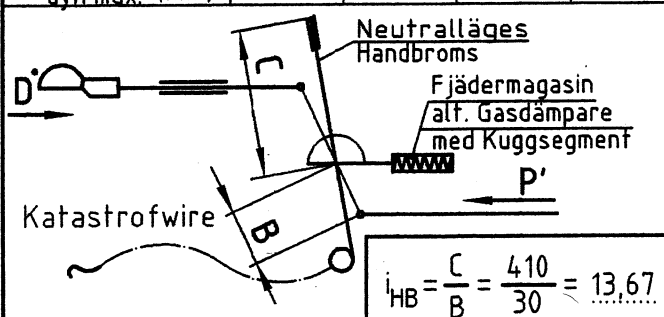
4) \* ;  $G_A$  : \* kg n: 2

$G_{A \text{ min till.}} = 700 \text{ kg}$  ;  $G_{A \text{ max till.}} = 1000 \text{ kg}$  ;  $R_{\text{dyn min}} = 210 \text{ mm}$

Daeck : \*

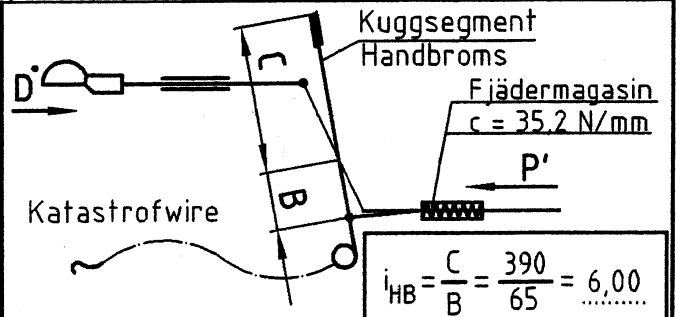
\* Fylls i av staepvagnstillverkare

$G_A$ (kg)	700	800	900	1000					
$R_{\text{dyn max}}$ (mm)	257	274	287	297					



$$i_{HB} = \frac{C}{B} = \frac{410}{30} = 13,67$$

$$i_{FBA} = i_{HB} \cdot i_g \cdot i_{H1} = 13,67 \cdot 13,93 \cdot 1,0 = 190,42$$



$$i_{HB} = \frac{C}{B} = \frac{390}{65} = 6,00$$

$$i_{FBA} = i_{HB} \cdot i_g \cdot i_{H1} = 6,00 \cdot 13,93 \cdot 1,0 = 83,58$$

