



# Brake Data - power brake operation

TE-2378.0 E

S 2005-7 ; S 2504-7 ; S 3006-7

1 Blatt BL-Nr. 1

Type of brake	Diameter of brake drum $\phi$ (mm)	Brake lining			Effective braking area of the brake (cm <sup>2</sup> )	Permissible braking torque of the brake (at 6,5 bar) (Nm)
		Width (mm)	Thickness (mm)	Length/brake shoe (mm)		
S 2005-7 SK	200	50	4	200	195	1600
S 2504-7 SK	250	40	5	255	200	2000
S 3006-7 SK	300	60	5	301	348	4000
S 3006-7 ZG	300	60	5	301	348	4000

26. Juni 2001

Type of brake	S 2005-7 SK	S 2504-7 SK	S 3006-7 SK	S 3006-7 ZG
Coefficient = $\frac{\text{braking torque}}{\text{operation force}}$ (m)	0,68	0,92	0,94	1,12
Parameter $n_a \cdot c^\circ$	1,92	2,07	1,75	2,09
Transmission in the expanding arm $i_a$	3,55	3,55	3,57	3,57
Radius of the brake drum $r$ (mm)	100	125	150	150
Lever lengths $l_1$ (mm)	/			75, 100 or 115, 140
Steering lever lengths $l_2$ (mm)	/			45 or 55
Withdrawal force $P_0$ (N)	42	50	140	120
EG-Test Report-No.	TDB 0594	TDB 0633	TDB 0596	TDB 0597
Parameter-test Report-No.	KB 786.1	KB 787.1	KB 788.1	KB 788.1
Technically permissible axle load (kg)	1500	1800	3000	3000
0	26.06.01	Datum 25.06.01 Name Schuster	Datum 26.06.01 Name Pehle	
Revision	Datum	Erstellt	Genehmigt	

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