

Table 6

TEST 5 SUSTAINED BRAKE APPLICATION TEST		
Braking initial speed - $V_i = 100$ km/h		
Braking end speed - $V_e = 0$		
Deceleration = 9.8 m/s ²		
Inertia momentum = 100 kgm ²		
Number of brake applications: 5		
Sustained brake application with an optimized pause between subsequent applications, necessary for the test stand to reach the initial speed of 100 km/h		
CYCLE I		
Brake application number	Resulting braking initial temperature „ T_i ” (*)	Pressure resulting in a brake circuit „ P ” [bar]
1		
2		
3		
4		
5		
(*) Braking initial temperature measured inside the brake disk as shown in Fig. 2 or Fig. 3		

IV SIMULATED WEAR TEST

Table 7

TEST 6 SIMULATED WEAR TEST											
Initial speed V_i	End speed V_e	Inertia momentum		Deceleration [m/s ²]							
[km/h]		100 [kgm ²]		0.5	1.5	2.5	3.5	4.5	5.5	6.5	
120	80	(*) Initial temperature T_i [°C]	Number of brake applications	50	2	6					
				75	20	15	5	2	1		
				125	25	20	5	3	2	2	
				175	40	20	9	5	4	3	2
				225	30	20	7	5	4	2	2
				275	20	15	12	8	6	4	2
				325	15	30	15	6	4	2	2
				375	25	10	8	6	5	3	3
				400	20	10	7	6	4		
(*) Braking initial temperature measured inside a brake disk as shown in Fig. 2 or Fig. 3											