

34 .. Specifications for brake performance testing as part of regular periodic vehicle inspections as prescribed in § 29 StVZO German Motor Vehicle Safety Standards E84

Model series	E84
Base model	sDrive 1.8i
Remarks	X1
Approved gross vehicle weight (kg)	2010 kg
Maximum brake pedal force to achieve a deceleration rate of 58 % in (N)	200 N
Minimum front axle brake force ratio in %	50,5 %
Minimum proportion of rear axle braking force in %	22,1 %
Test area for brake pedal force (N)	70 – 150 N

34 11 Front Brake E84

Important! Installation of new brake pads is approved only provided that the brake disc thickness exceeds the specified dimension for "MIN TH" (see table). Brake discs must be replaced when they reach the nominal thickness (see table) minus 2.4 mm! (Not applicable to perforated brake discs and M vehicles). . Applies only to M vehicles and perforated ventilated brake discs: Brake discs must be replaced when they reach the nominal thickness (see table) minus 1.6 mm! . Depending on: - Engine type - Transmission version - Equipment specification (e.g. maximum load increase, chassis official-use, national version, etc.) different brake discs can be fitted The brake discs must always be assigned by way of the relevant vehicle identification number and the Electronic Parts Catalogue!		
Different thicknesses on brake linings	Max. mm	0,01
Nominal size (diameter x thickness)	mm	312x24
(MIN TH) on brake disc chamber	mm	22,4
Nominal size (diameter x thickness)	mm	330x24
(MIN TH) is stamped in brake disc chamber	mm	22,4
Nominal size (diameter x thickness)	mm	348x30
(MIN TH) is stamped in brake disc chamber	mm	28,4
Wear warning from residual lining thickness	mm	3,7

34 21 Rear Brake Discs E84

Important! Installation of new brake pads is approved only provided that the brake disc thickness exceeds the specified dimension for "MIN TH" (see table). Brake discs must be replaced when they reach the nominal thickness (see table) minus 2.4 mm! (Not applicable to perforated brake discs and M vehicles). . Applies only to M vehicles and perforated ventilated brake discs: Brake discs must be replaced when they reach the nominal thickness (see table) minus 1.6 mm! . Depending on: - Engine type - Transmission version - Equipment specification (e.g. maximum load increase, chassis official-use, national version, etc.) different brake discs can be fitted The brake discs must always be assigned by way of the relevant vehicle identification number and the Electronic Parts Catalogue!		
Different thicknesses on brake linings	Max. mm	0,01
Nominal size (diameter x thickness)	mm	300 x 20
(MIN TH) on brake disc chamber	mm	18,4
Wear warning from residual lining thickness	mm	3,7