

D. Survey of Thermostats and Testing Instructions

Testing instructions for the thermostat are essentially the same as described for Model 190. When testing the wax thermostat with by-pass control the by-pass line must be closed when the amount of flow is being checked.

Model	Part No.	Type	Opens - at °C	Working stroke of valve		Flow when closed liters/mm	Diameter of connection branch from engine to radiator in mm	Diameter of connection branch for by-pass line in mm
				in mm	at C°			
180 180 D (1 st vers.)	181 203 00 75 181 203 01 75	Steam-pressure thermostat	71—74 77—80 1)	8	80—81 87—88	0.7—1.2	28	13
180 D (2 nd vers.)	000 203 97 75 optional 000 203 98 75	Wax thermostat without by-pass control	78—79	8—9	91—94			
180 Db	001 203 19 75 optional 001 203 20 75	Wax thermostat with by-pass control		7.5—8			28	
220 a, 219, 220 S 180 (in case of replacement) 180 a 190 (1 st version)	000 203 65 75 optional 000 203 75 75	Wax thermostat without by-pass control		8—9			32	13
190 SL	000 203 64 75	Wax thermostat element (in cooling water outlet connection)		7.5—8			—	—
180 b 190 b 190 D and 190 Db, 220 SE (1 st version)	001 203 08 75 optional 001 203 23 75	Wax thermostat with by-pass control		7.5—8			32	32
220 SE (2 nd vers.)	001 203 21 75		74—76	94				

¹⁾ winter driving

E. Removal and Installation of Thermostat

I. Models 180, 180 a, 180 b, 180 D, 180 Db, 190 D, 190 Db, 220 a, 219, 220 S, and 220 SE

The removal and installation procedures are the same as for Model 190.