

20-0020 Switching points in the cooling system

Data

Models	107	124	126	129	201
Coolant thermostat at coolant temperature °C					
start of opening	85 – 89	85 – 89	85 – 89	85 – 89	85 – 89
fully open	102	102	102	102	102
Viscous fan coupling	103 200 02 22	103 200 04 22 ¹⁾	103 200 03 22	103 200 06 22	103 200 05 22
cut-in temperature °C	96 – 104	96 – 104	96 – 104	92 – 100	92 – 100
safety shut-off at engine speed	4500	4500	4500	4500	4500
fan speed in rpm	3420	3250	3420	3250	3580
Electric auxiliary fan					
1st stage on/off ²⁾	16/11	16/11	16/11	– ⁴⁾	16/11
2nd stage on/off ³⁾	107/100	107/100	107/100	107/100	105/100
Air conditioner at coolant temperature °C					
start of pulse emergency shut-off	–	116 – 118	116 – 118	116 – 118	116.– 118
	–	119 – 121	119 – 121	119 – 121	112 – 118 119 – 121 ⁵⁾
Cap opens at bar pressure	1.3 – 1.5	1.3 – 1.5	1.3 – 1.5	1.3 – 1.5	1.3 – 1.5
coolant temperature °C	130	130	130	130	130

¹⁾ Engine 103.980 viscous fan coupling 103 200 02 22

²⁾ At refrigerant pressure in bar

³⁾ At coolant temperature in °C

⁴⁾ 2nd version 20/15 bar

⁵⁾ only (USA)