

12.2.2 Pressure-relief valves

Item	Description	Switch or open between the limits	Reference tool
0V1	Safety-relief valve for the boost-pressure line	9 to 11 bar	Tool A. See § 12.15.1.
0V2	Control valve for the boost pressure	3 to 3.5 bar	Tool A. See § 12.15.1.
0V3	Pressure-relief valve for the pump housing	0.2 to 0.4 bar	Tool A. See § 12.15.1.
0V4	Safety-relief valve of the high-pressure pump	Pump pressure 260 - 265 bar	Pump-pressure gauge 0M1
0V7	Maximum pump pressure valve	Supply pressure 240 - 245 bar	Supply-pressure gauge 1M1 or 2M1
1V5 / 2V5	Safety-relief valve to the aircraft	Supply pressure 245 - 250 bar	Supply-pressure gauge 1M1 or 2M1
1V6 / 2V6	Pressure-relief valve of the return system	12 - 13 bar	Return-pressure gauge 1M2 / 2M2
4V4	Pressure-relief valve of the hydraulic reservoir	0.4 to 0.6 bar	Tool G. See § 12.15.1.
5V1	Vacuum valve	-0.35 to -0.4 bar	Vacuum pump 5P1, ON.

12.2.3 Flow-control valves

Item	Description	Switch or open between the limits / Specification with maximum deviation	Reference tool
1V4 / 2V4	Pilot flow valves	0.40 ± 0.05 L/min	Graduated beaker
2V10	Pressure compensated flow control valve for the inline particle monitor (option)	300 ± 50 mL/min	Graduated beaker

12.2.4 Pump

Item	Description	Specification with maximum deviation	Reference tool
0P2	Maximum pump flow at minimum pressure	83 - 88 L/min	
	Minimum pump pressure	25 - 30 bar	