

## 12.5 Nitrogen system

### 12.5.1 General specifications

Unit	Item	Specification
Generator MR1	System	Membrane nitrogen generation
Cylinder S1	Capacity [L]	50
	Max pressure [bar, PG3]	10 - 220
Nitrogen	Type	I, gaseous
	Grade	B, 99.50% pure nitrogen
	Class	2, oil tolerant
Control	Manually operated pressure reducing valves	At each output (HP and LP)
	Shutoff valves	At each output (HP and LP)
Read-out	Digital information	BP6: S1 output pressure, read-out on control panel monitor
	Analogue manometer	PG3: S1 output pressure
		PG4: low pressure output
		PG5: high pressure output
PG6: input pressure for the Nitrogen control panel		

### 12.5.2 Test specifications - Safety-relief valves

Item	Description	Switch or open at limit value	Reference tool
RV1	Safety-relief valve for the fill line to the N <sub>2</sub> cylinder	230 bar	
RV2	Safety-relief valve for the low-pressure outlet to the aircraft	30 bar	