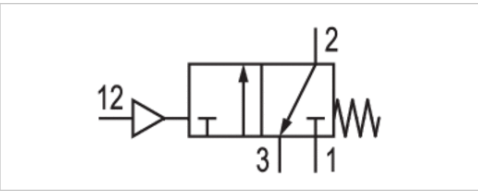


3/2-directional valve, pneumatically operated, Series AS1-SOV

- Compressed air connection G 1/4
- Air supply right
- Pipe connection



Type	Poppet valve, Can be assembled into blocks
Sealing principle	Soft sealing
Working pressure min./max.	0 ... 12 bar
Control pressure min./max.	2,5 ... 12 bar
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air Neutral gases
Weight	0,09 kg

Technical data

Part No.	Port	Pilot connection	Exhaust	Flow	Flow	Flow
				Qn	Qn 1→2	Qn 2→3
R412014743	G 1/4	G 1/8	G 1/4	2000 l/min	2000 l/min	380 l/min

Nominal flow Qn with secondary pressure p2 = 6 bar at Δp = 1 bar

Technical information

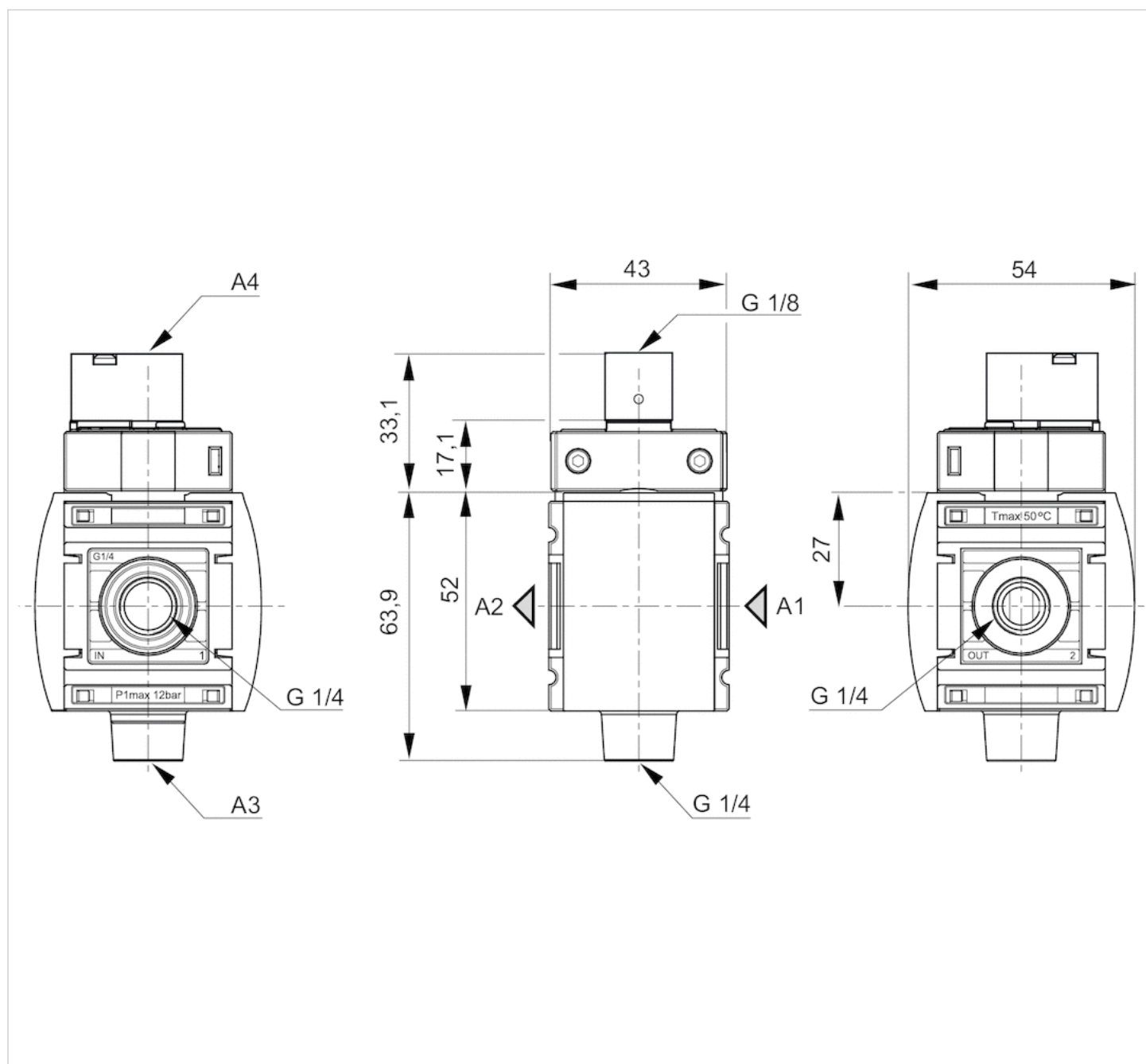
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .

Technical information

Material	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile butadiene rubber

Dimensions

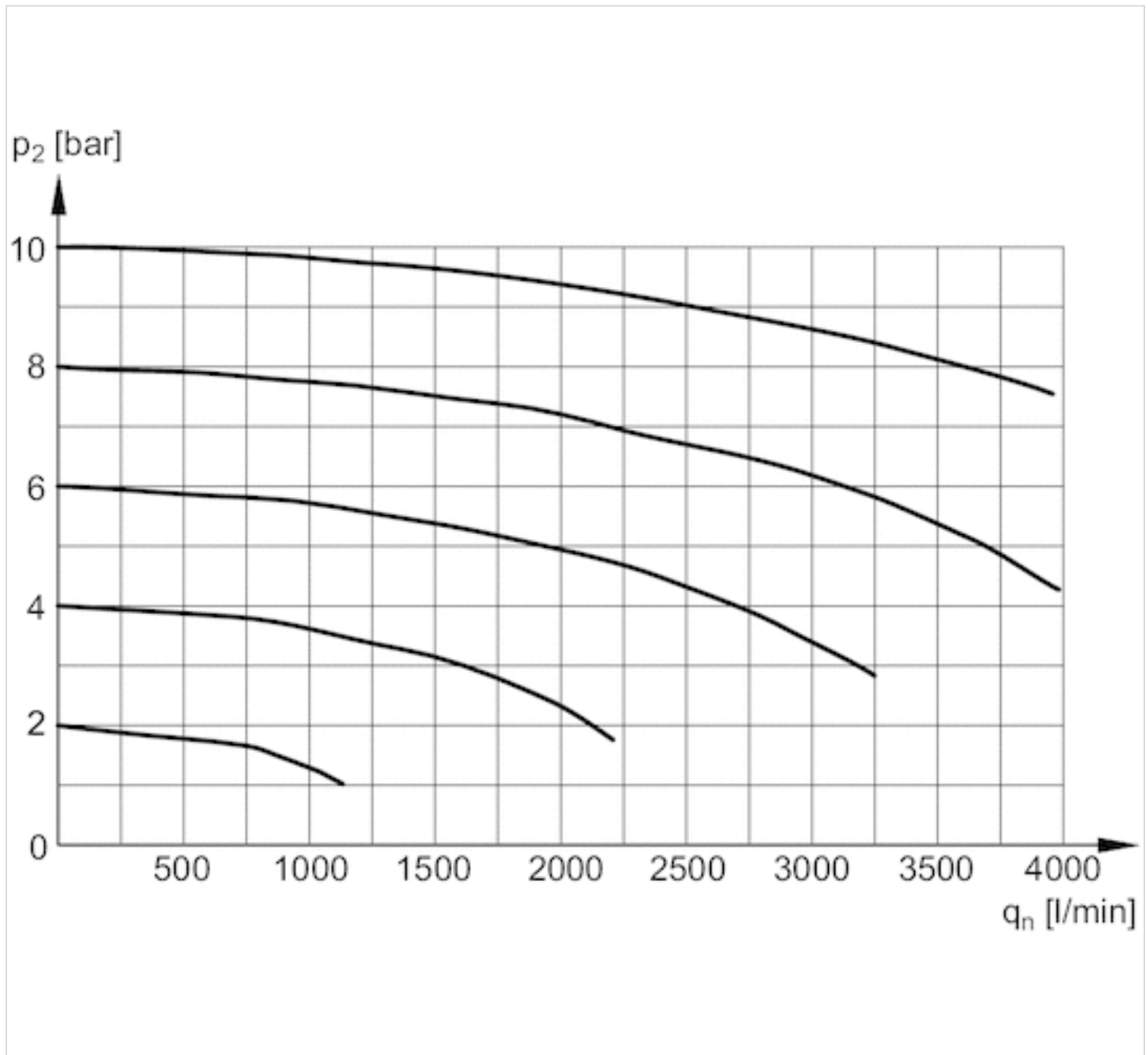
Dimensions in mm



- A1 = input
- A2 = output
- A3 = ventilation port
- A4 = control pressure connection

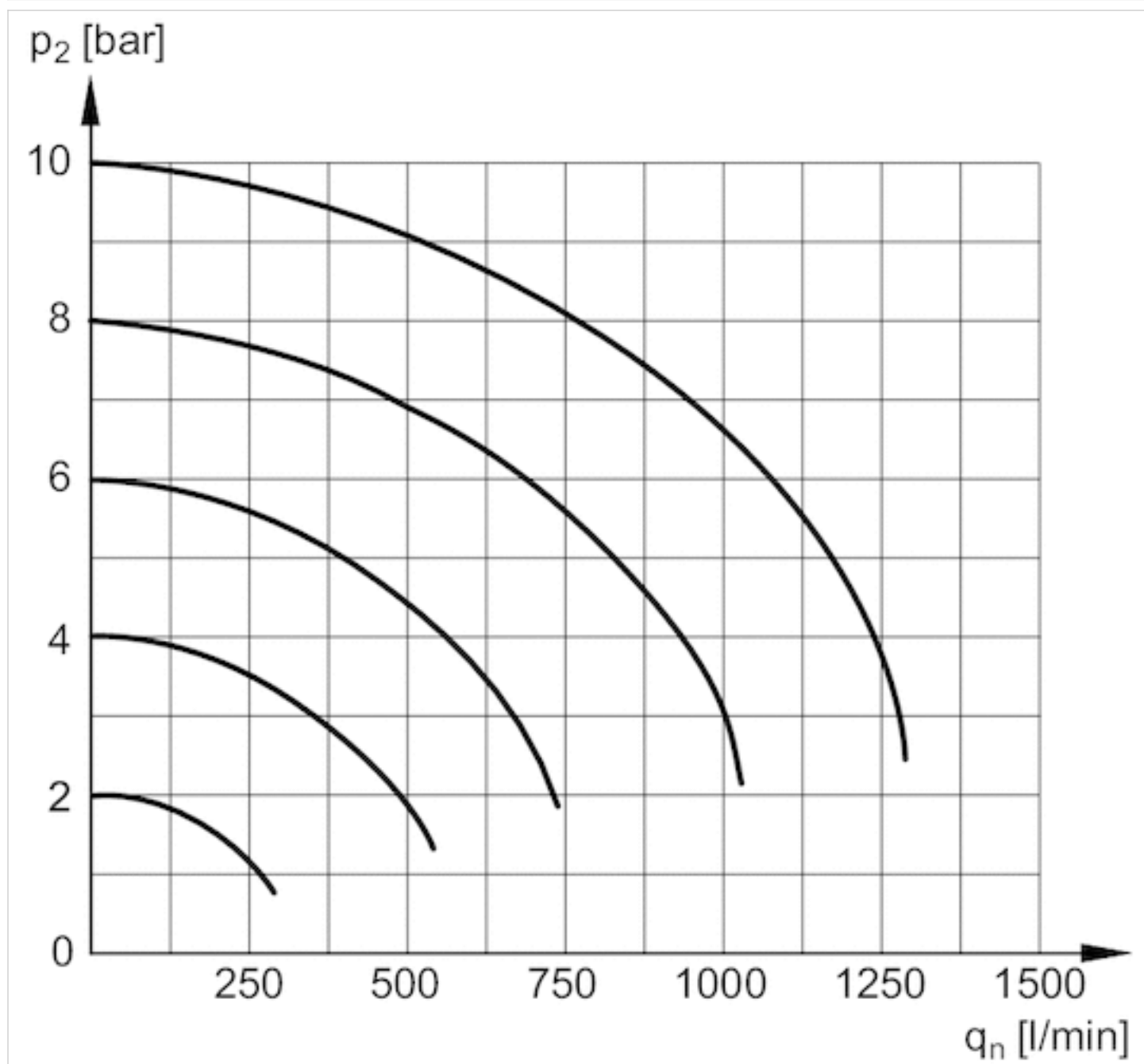
Diagrams

Flow rate characteristic



p_2 = secondary pressure
 q_n = nominal flow

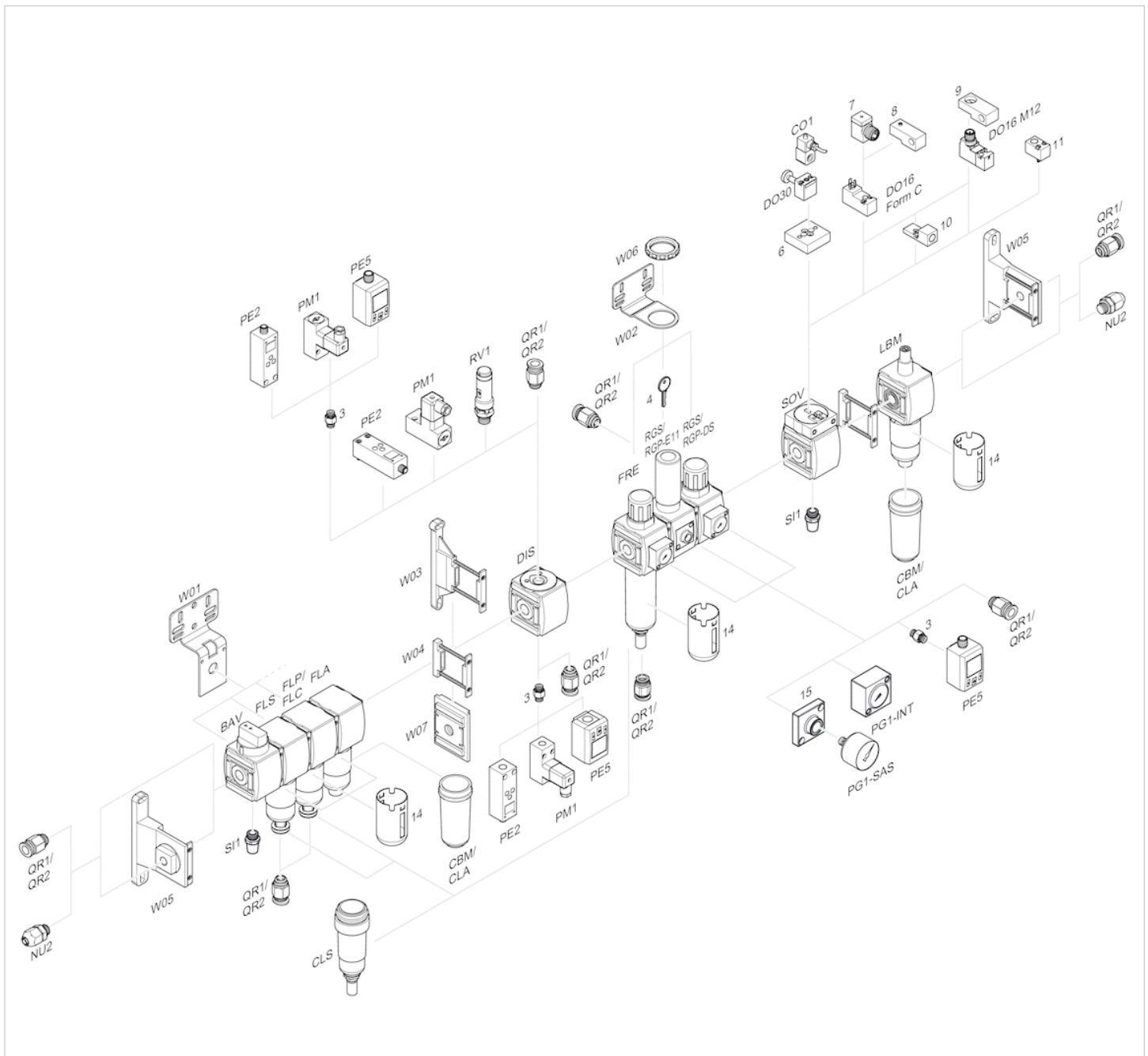
Rear exhaust



p_2 = secondary pressure

q_n = nominal flow

Accessories overview



- 3 = Double nipple
- 4 = Key for E11 locking
- 6 = Transition plate DO30
- 7 = Adapter, Series CON-VP
- 8 = Mounting aid DO16, form C
- 9 = Mounting aid DO16, M12
- 10 = Adapter for external pilot air
- 11 = Adapter pneumatic operation
- 14 = Protective guard
- 15 = Transition plate for assembling a pressure gauge with connection thread G 1/8

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