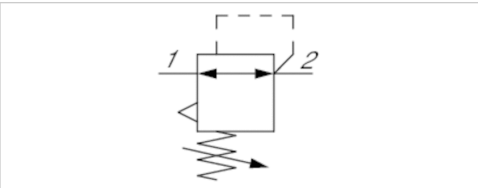


Pressure regulator, Series AS5-RGS-...-E11

- G 1
- Qn = 14500 l/min
- Standard pressure regulator
- Activation Mechanical
- lockable
- with E11 locking



Parts	Pressure regulator
Mounting orientation	Any
Working pressure min./max.	0,5 ... 16 bar
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air Neutral gases
Regulator type	Diaphragm-type pressure regulator Can be assembled into blocks
Regulator function	with relieving air exhaust
Adjustment range min./max.	0,5 ... 10 bar
Lock type	with E11 locking
Pressure supply	single
Activation	Mechanical
Internal air consumption qv max.	1,5 l/min
Weight	0,905 kg

Technical data

Part No.	Port	Flow
		Qn
R412009099	G 1	14500 l/min

Order pressure gauge separately, 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 .

The rear pressure gauge connection on the pressure regulator is closed with a blanking plug, the front connection is open. Depending on the customer application, a second blanking plug may be necessary. Please order separately (see accessories).

A change in the flow direction (from air supply on the left to air supply on the right) occurs by rotating installation by 180° about the vertical axis. Please see the operating instructions for further details.

Relieving exhaust (≤ 0.3 bar over set pressure).

With rear exhaust (> 3 bar).

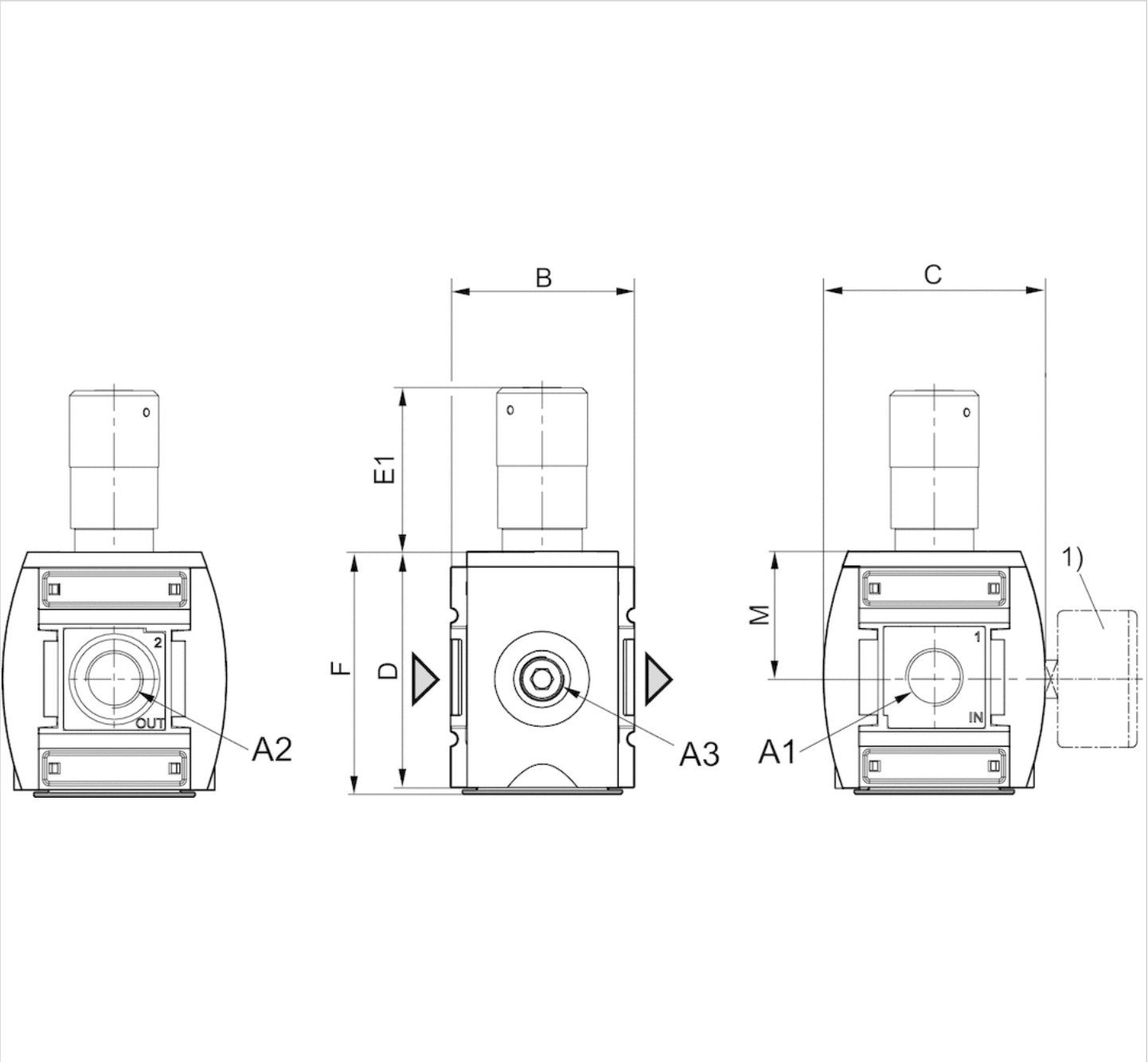
The E11 locking is delivered without a key (see accessories for keys).

Technical information

Material	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile butadiene rubber
Threaded bushing	Die cast zinc

Dimensions

Dimensions



A1 = input
 A2 = output

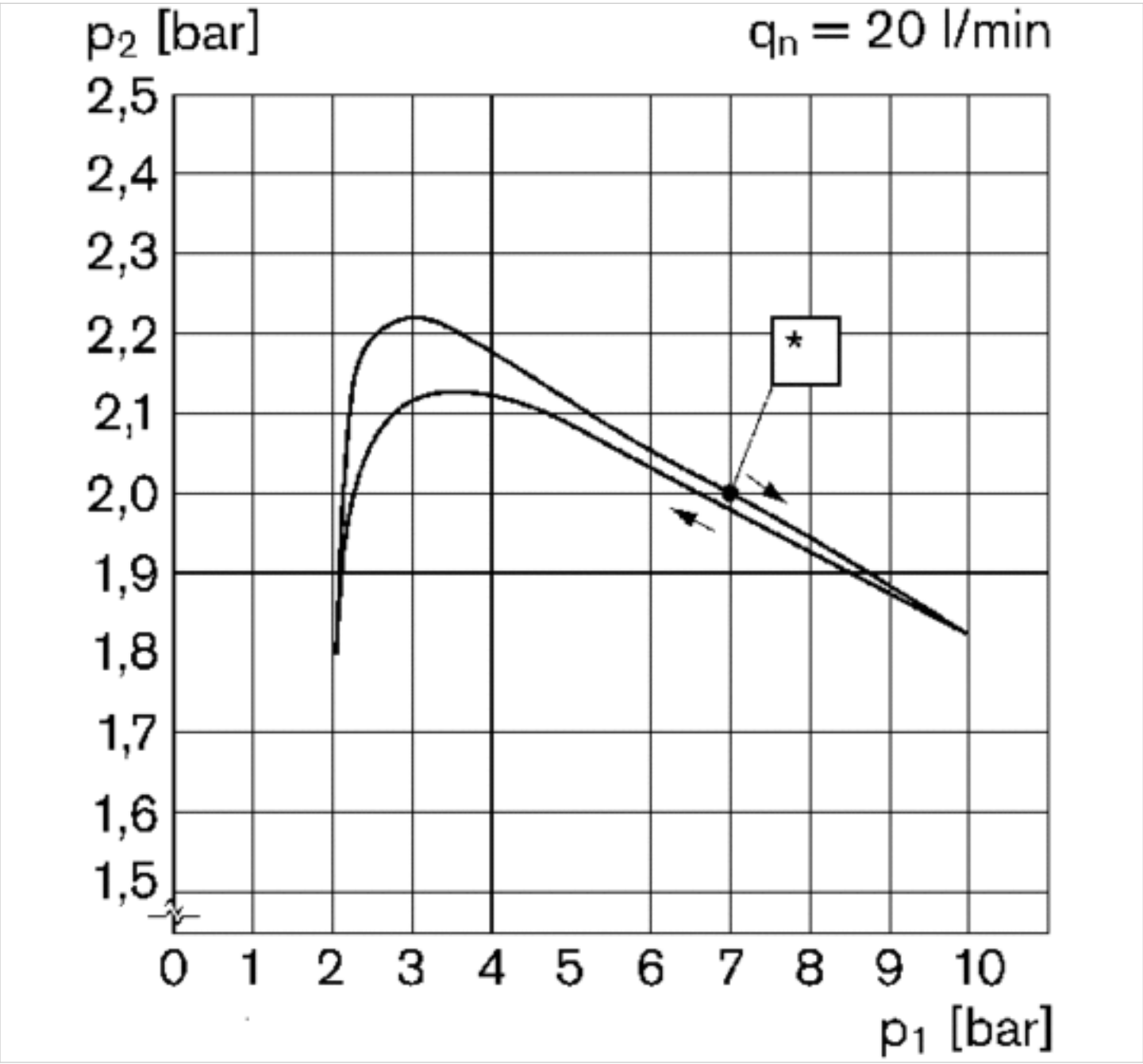
A3 = pressure gauge connection
1) Order pressure gauge separately

Dimensions in mm

A1	A2	A3	B	C	D	E1	F	M
G 1	G 1	G 1/4	85	103	109	90	112	58

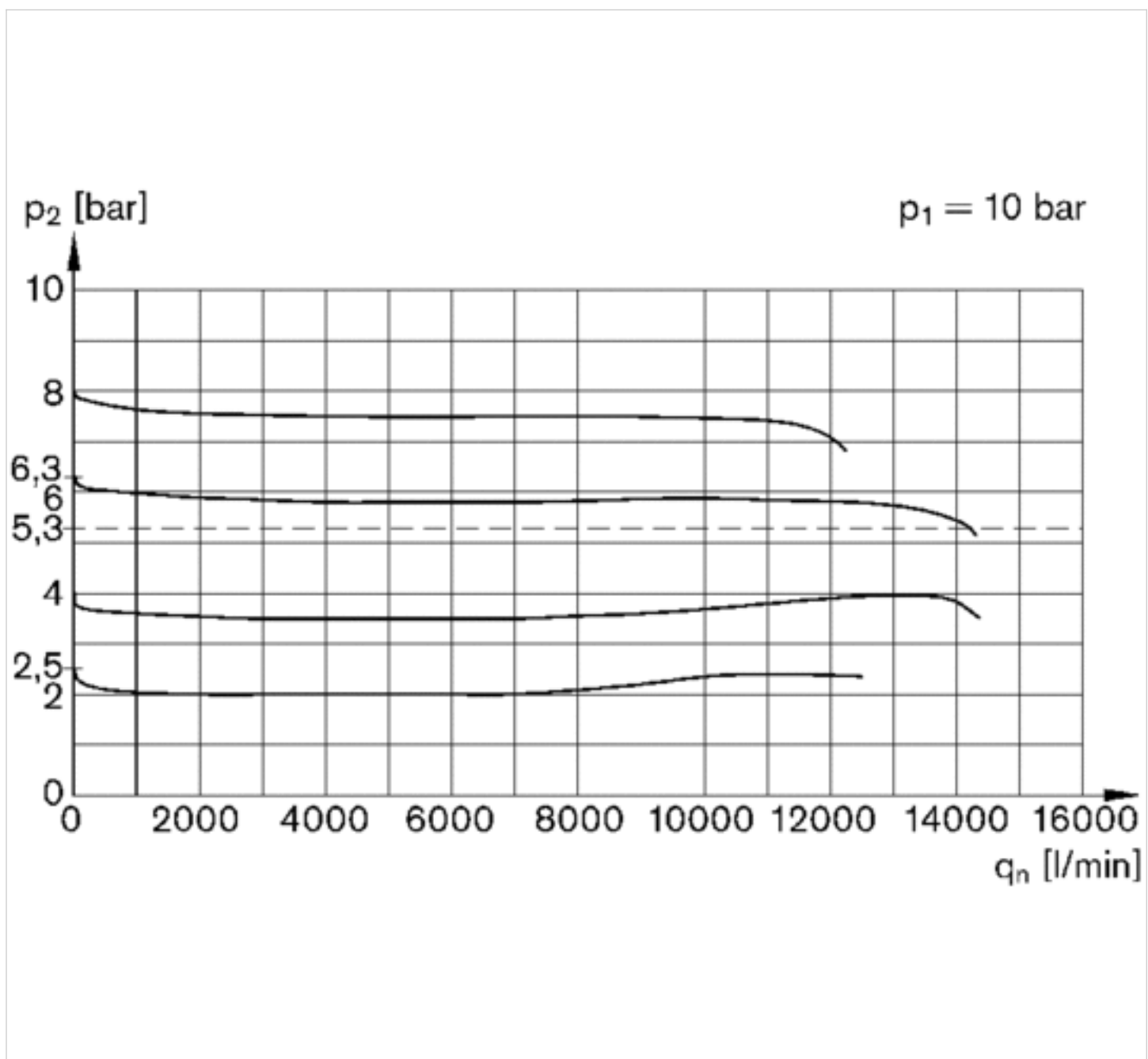
Diagrams

Pressure characteristics curve



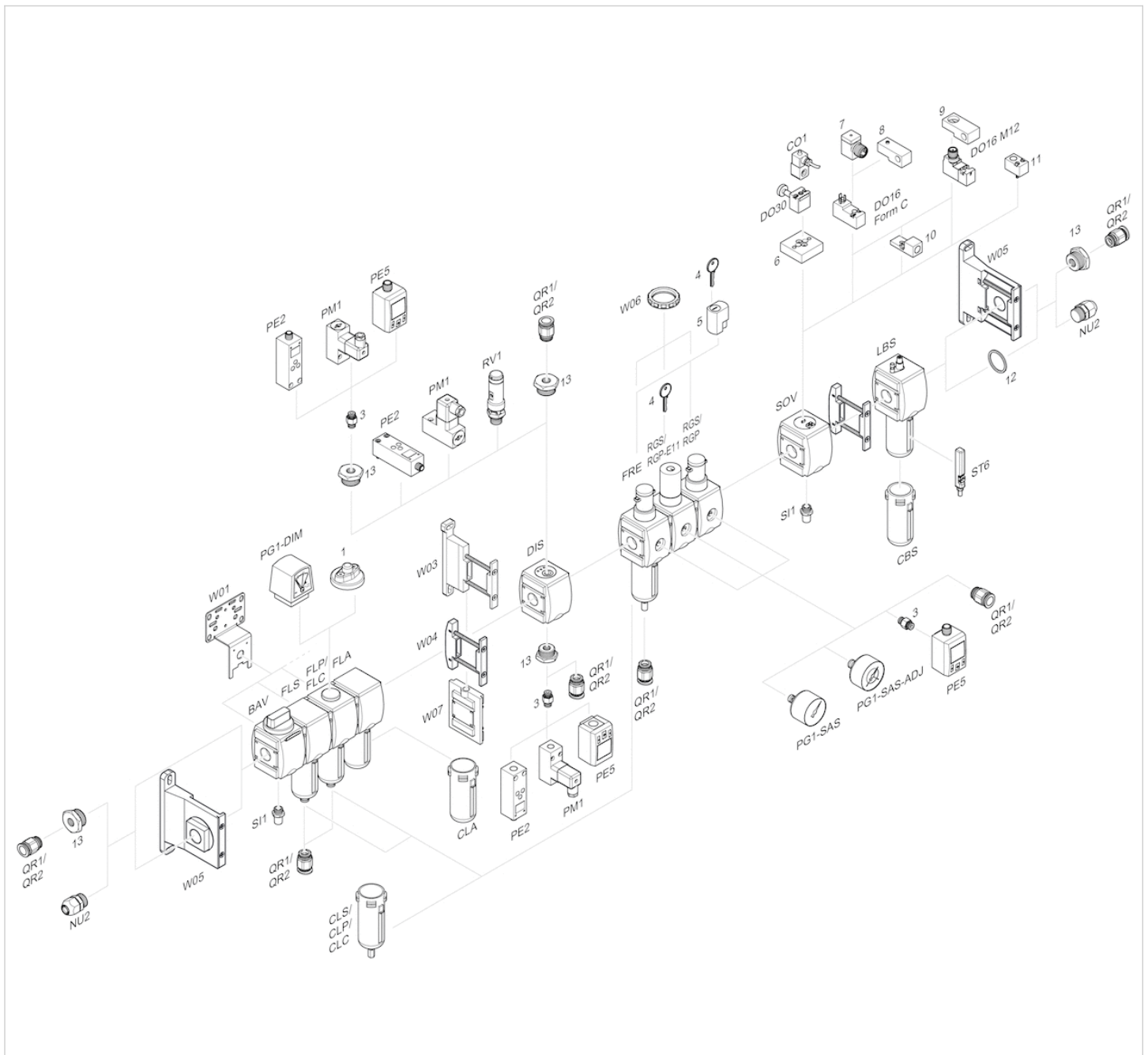
p1 = working pressure
p2 = secondary pressure
qn = nominal flow
* starting point

Flow rate characteristic (setting range p2: 0.5 - 8 bar)



p_1 = working pressure
 p_2 = secondary pressure
 q_n = nominal flow

Accessories overview



- 1 = contamination display
- 3 = Double nipple
- 4 = Key for E11 locking
- 5 = mortise lock
- 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
- 12 = Sealing ring
- 13 = Reducing nipple

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