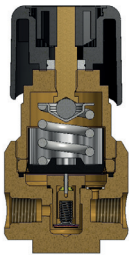


SINGLE STAGE PRESSURE LINE REGULATOR IN INDUSTRIAL GAS SUPPLY SYSTEMS

- LTLJ - LOW FLOW RANGE



6-port line regulator
3 x inlet; 3 x outlet



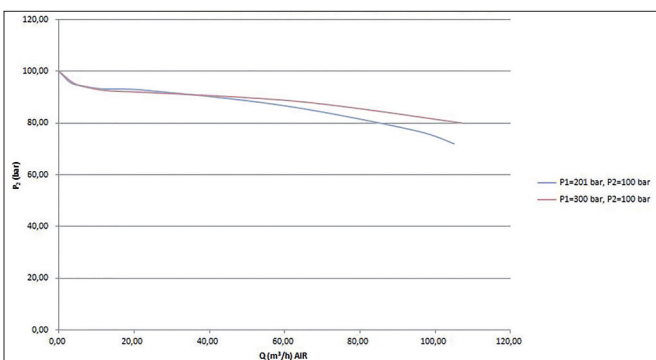
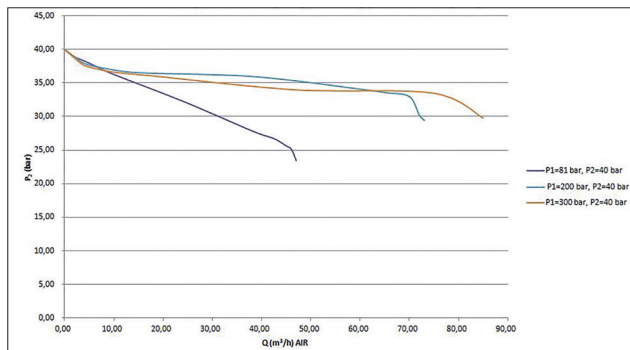
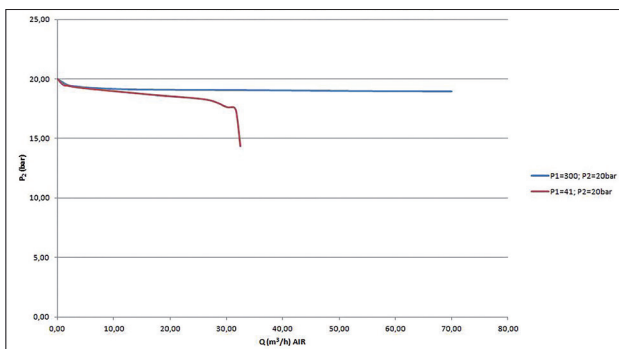
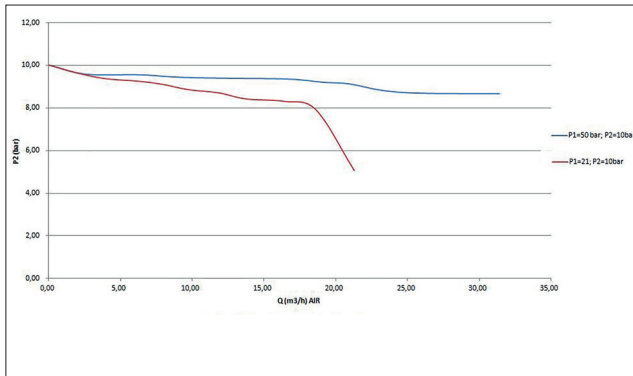
6- port single stage pressure line regulator used in supply systems for industrial, inert, flammable, oxidizing gases and gas mixtures. Not usable for corrosive or toxic gases and gas mixtures.

SPECIAL FEATURES

- > Metal diaphragm regulator
- > Compact design
- > Single stage version
- > Excellent pressure adjustment
- > Designed and approved regarding ISO7291 (including O₂- ignition test)
- > Relief valve in delivery pressure side available
- > Electrostatic chargeability test
 - fulfill requirements according DIN EN ISO 80070-36; IEC TS 60079-32-1 and German TRGS 727
 - usable in EX- areas zones 1 and 2 for gases with explosion risk group I; IIA; IIB; IIC

TECHNICAL DATA	
Working temperatures:	-20°C to + 60 °C
Inlet/outlet ports:	NPT ¼" female
Leakage rate seat:	less than 50 cm ³ /h (23°C; 1,013 bar absolut) Compressed Air
Leakage rate outside:	less than 10 cm ³ /h (23°C; 1,013 bar absolut) Compressed Air
Filter inlet:	10 µm mesh
Filter outlet ports:	100 µm mesh
Mounting holes:	2xM6
Materials gas wetted parts:	
Regulator body:	BRASS (2.0401.26)
Regulator diaphragm:	Hastelloy (2.4819)
Regulator seat:	PCTFE
Regulator popet:	BRASS (2.0371)
Pressure rates line regulator:	
Max. inlet pressure:	300 bar
Delivery pressures:	10 bar, 20 bar, 40 bar, 100 bar
Pressure gauge rates (pressure rates):	25 bar (10 bar); 40 bar (20 bar); 65 bar (40 bar); 160 (100 bar); 200 (315 bar) 400 bar (300 bar)
Contact gauges available- please contact us	
Cracking pressure relief valves:	15,4 bar (10 bar); 30,8 bar (20 bar); 61,6 bar (40 bar); 154 bar (100 bar)
Tests in production:	Pressure test with dry air (ISO 8573 [1:2:2]) of each item regarding ISO 7291 5.2.7.2 Seat leakage test with dry air (ISO 8573 [1:2:2]) of each item regarding ISO 7291 5.2.7.3 Test of functionality of each item
Approvals during development:	Type test regarding ISO 7291 O ₂ ignition test regarding ISO 7291 Approval for all none metallic O ₂ - wetted parts which were not part of O ₂ ignition test Electrostatic chargeability test - fulfill requirements according DIN EN ISO 80070-36; IEC TS 60079-32-1 and German TRGS 727 - usable in EX- areas zones 1 and 2 for gases with explosion risk group I; IIA; IIB; IIC

FLOW CURVES



DYNAMIC EXPANSION CURVES

