



Single-ported globe control valves type Z

Nominal size	DN 15...250   NPS 1/2"...10"
Nominal pressure	PN 10...40   CL150; CL300
Leakage class	IV, VI as per EN 60534-4
Materials	grey cast iron and ductile iron carbon steel and stainless steel



Single-ported globe control valves type Z1A and Z1B

Nominal size	DN 15...400   NPS 1/2"...16"
Nominal pressure	PN 10...630   CL150...CL2500
Leakage class	IV, V, VI as per EN 60534-4
Materials	carbon steel, alloy and stainless steel



Three-way control valves type Z3

Nominal size	DN 15...250   NPS 1/2"...10"
Nominal pressure	PN 10...400   CL150...CL2500
Leakage class	IV, VI as per EN 60534-4
Materials	grey cast iron and ductile iron carbon steel and stainless steel



Double-ported globe control valves type Z10

Nominal size	DN 25...300   NPS 1"...12"
Nominal pressure	PN 16...160   CL150...CL900
Leakage class	II, VI as per EN 60534-4
Materials	carbon steel, alloy and stainless steel



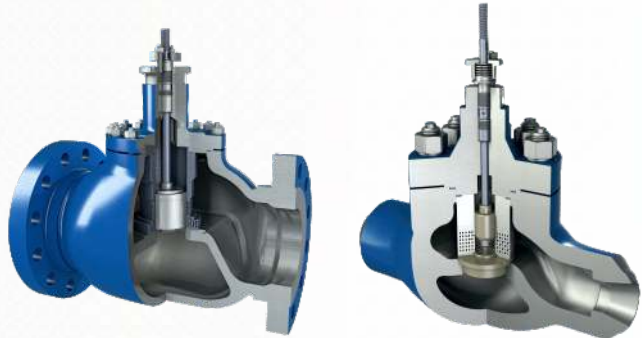
Rotary plug control valves type Z33

Nominal size	DN 25...300   NPS 1"...12"
Nominal pressure	PN 10...40   CL150; CL300
Leakage class	IV, VI as per EN 60534-4
Materials	carbon steel, and stainless steel



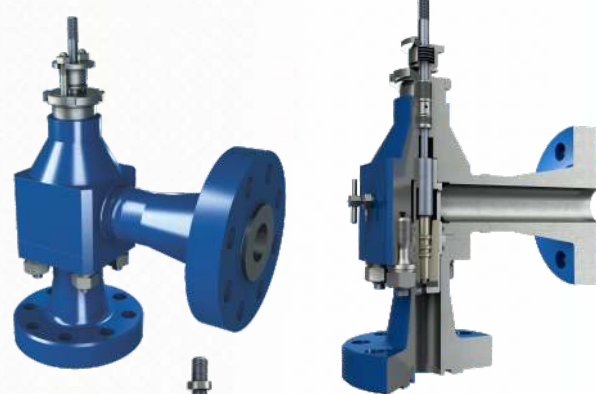
Diaphragm multi-spring pneumatic actuators type P/R (post style) and type P1/R1 (yoke style)

Diaphragm area	250...3000 cm <sup>2</sup>
Range of disposal forces	0,5...90 kN
Handwheel	top-mounted P/R, side-mounted P1/R1
Stroke	20, 38, 50, 63, 80, 100, 110 mm



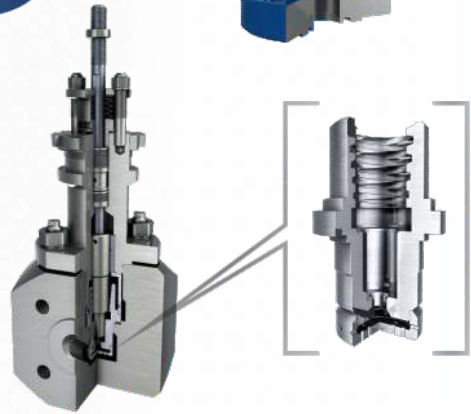
Multi-path control valve type Z1B-M

Nominal size	DN 50...200   NPS 2"...8"
Nominal pressure	PN 10...400   CL150...2500
Leakage class	IV, V as per EN 60534-4
Materials	carbon steel and alloy steel



Single-ported choke valves type Z1A-C1

Nominal size	DN 25...100   NPS 1"... 4"
Nominal pressure	PN 10...630   CL20...CL3500
Leakage class	IV, V, as per EN 60534-4
Materials	carbon steel and stainless steel



Single-ported globe control valves type Z1A-C3

Nominal size	DN 25...100   NPS 1"... 4"
Nominal pressure	PN 10...630   CL20...CL3500
Leakage class	IV, V, VI as per EN 60534-4
Materials	carbon steel, alloy and stainless steel

with pneumatic actuators and accessories

We supply valves with pneumatic actuators fitted with accessories according to customer requirements.

with electric actuators

We use electric actuators of leading manufacturers depending on installation requirements or customer suggestions.

with manual drives

Our product portfolio includes manual drivers used directly on control valves.



Piston desuperheater type ST-1

Steam pipeline diameter	DN150 and larger
Range of flow coefficient	Kvs 0,15 to 10
Rangeability	40:1
Materials	carbon steel and alloy steel



Lance desuperheater type ST-1

Steam pipeline diameter	DN100 and larger
Range of flow coefficient	Kvs max. 2,0
Rangeability	3:1
Materials	carbon steel and alloy steel



Ring desuperheater type SP-1

Steam pipeline diameter	DN32 to DN150
Range of flow coefficient	Kvs max. 1,0
Rangeability	3:1
Materials	carbon steel and alloy steel





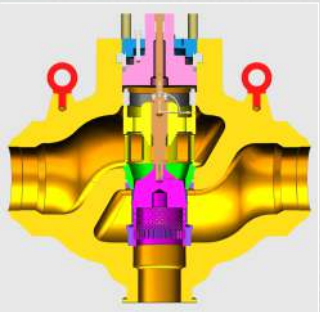
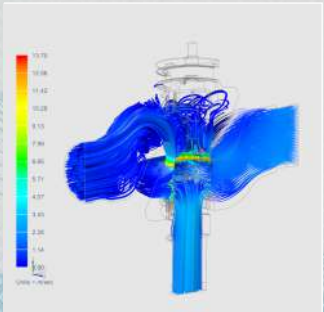
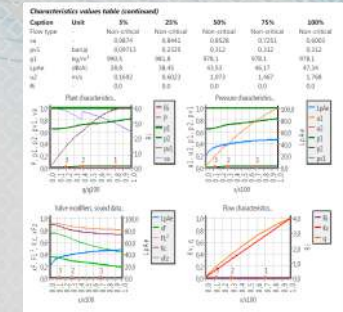


Self-actuating regulators type ZSN

Nominal size	DN 15...100   NPS 1/2"...4"
Nominal pressure	PN 10, 16, 25, 40   CL150; CL300
Materials	grey cast iron and ductile iron, carbon steel and stainless steel
Connections	flanges
They control	pressure, differential pressure and flow

Additional benefits for our Customers:

1. Valve sizing based on **Conval** code
2. **CFD** analyses using SIMCENTER 3D - SIEMENS
3. Complete product and **project** management
4. **Manufacturing** excellence
5. Pressure **tests** on modern test bench in the presence of the Customer
6. Professional **Service**, customer-oriented prices of spare parts



And much more depending on **your** request

Headquarters



POLNA S.A. is one of the biggest manufacturers of control valves in Poland. We have been manufacturing valves since the 1960-ies. All sub-assemblies are produced in-house. We have all kinds of machining, surface hardening as well as possibility of welding, assembly and acceptance test. We also have our own foundry.

**Our goal:**  
Meeting individual customer requirements through the supply of appropriately designed products.



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Selected certificates



Certificate of Quality Management System  
ISO 9001



Quality Assurance Certificate as per  
Directive 2014/68/UE mod. H



ATEX Certificate



SIL Certificate



FIRE SAFE Certificate



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Abridged Product Catalogue

- Control valves
- Diaphragm pneumatic actuators
- Reduction and cooling stations
- Customized design solutions
- Self-actuating regulators

