

## LN81 Series Single Seat Globe Control Valve

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### LN81 Series Single Seat Globe Control Valve

LN81 series are single-seat LN8 series pressure imbalance structure products, one of two basic guide plunger valve core, the floating sleeve compression type, from the seat structure, modular design, the flow capacity is big, high controlling precision, adjustable range, can achieve minimal flow control, structure is simple, reliable, good seal performance, the scene is easy to maintain. Is suitable for the pressure difference is not big, the seat leakage and high control precision.

### High Accuracy Globe Control Valve Supplier

#### Product Description

##### Long life

###### 1. Valve Trims

According to the needs of the working conditions, different materials and surface hardening treatment can easily be chosen to meet the requirements of each function module of trim to improve its performance of the corrosion, cavitation and erosion resistant, lengthen service life.

###### 2. Single seated globe valvebody

The body of LN8 series single seat regulating valve consists of two passages from upper and lower, forming a shape like letter "S". The design of an elliptical section reduces the flow resistance and turbulent flow to keep the flow fluent. The flap in the middle of upper passage can reduce the eddy flow and increase the flow capacity.

### SUPCON Single Seat Globe Control Valve China:Zhejiang SUPCON Fluid Technology Co.,. Ltd

###### 3. Actuator

The standard mate of LN8 series is AM8 Multi-spring pneumatic diaphragm actuator, which can be used in many conditions with the features of strong output force, high reliability, long lifespan and extensive application. The output force changes with the number of springs. The high stress resistant diaphragm, bearing maximum pressure of 0.5 MPa air supply, gives control valve a reliable shutoff. This type of Single seated valve has a long life cycle with more than 1 million times

##### High Precision

LN8 series SUPCON Globe valve are designed strictly on the basis of the IEC standard. They are the latest self-innovated modularized straight stroke control valve of SUPCON. We divide the trims into three modules, namely guide, control and seal module. We provide the best solution according to the function of each module and make action, control and seal more reliable.

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Each index, linear, hysteresis, dead zone and leakage, for example, is full compliance with national standards. [SUPCON Globe Control Valve for sale](#)

Note: For below measured results, take LN8100 top guide single seat valve (PN110) as an example.

Single Seat Globe Control Valve TECHNICAL PARAMETERS

Nominal Size	DN15 ~ DN300
Pressure Rating	PN16/25/40/63/100;CL150(PN20)/300(PN50)/600(PN110)
Operateing Temperature	-196℃~ 593℃
Characteristics	Equal percentage, linear, quickly open
Rangeability	30:1□50:1□ 100:1
Seat Leakage Class	ANSI B16.104: IV□V□VI
Body Material	WCB/WCC/LCB/LCC;WC6/WC9;CF8/CF8M;4A/5A etc.
Trim Material	630/316/316+ST/316nitriding/316+Ni60/316+WC etc.
Seal Material	PTFE+ graphite v-shaped packing, flexible graphite ring packing, graphite +PTFE braided packing etc.

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