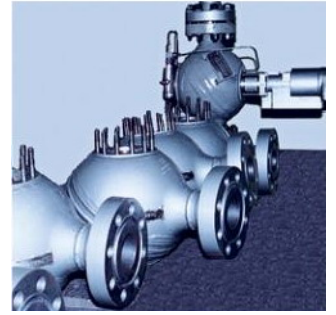


CONTROL VALVES

Control valves are used for remote and local control of gas flow parameters in pipelines of gas well processing trains, gas fields and subsurface gas storages on gas treatment installations.

The valves can operate in automatic mode as a part of automatic control system. Remote control from the operator's stand as well as local control by means of built-in control station and manual stand-by facility is possible.



DN 100 mm

Climatic version Y1 is according to ГOCT 15150-69

Manufacture and delivery are fulfilled as per TY 3665-003-11733071-96

Working pressure is not more than 16MPa

Working temperature is - 45°C up to + 40°C

Working medium is natural gas

Process medium is air, water, oil

Pipeline connection dimensions (D x S) are 114 mm x 10 mm

Control limit of the passage sectional area is 0...100%

In-service life is not less than 5000 operations of actuator from any fixed condition towards opening-out or closing-in

Weight is not more than 310 kg

Service life is not less than 30 years

Materials used for fabrication:

Basic components – steels 09Г2С, 12Х18Н10Т, 20Х13, 30Х13

Flanges welded to the pipeline– steel 10Г2

Parts working in gas flow zone are coated with a special compound consisting of tungsten carbide–cobalt–chromium

Basic performance data of control valves

Article reference designation	Actuator type	Version as per type of connection to pipeline	Overall dimensions and dimensions of connecting ends for welding, mm				
			L	H	B	D	D1
K.PY.05.91.10.00-0-01	Electrical DC, voltage 27±3V with manual stand-by	Welded	940	935	400	110	90
K.PY.05.91.10.00-0-02	Electrical AC, voltage 380V or 220V with manual stand-by			1160	632		
K.PY.05.91.10.00-0-03	Manual			755	560		

