

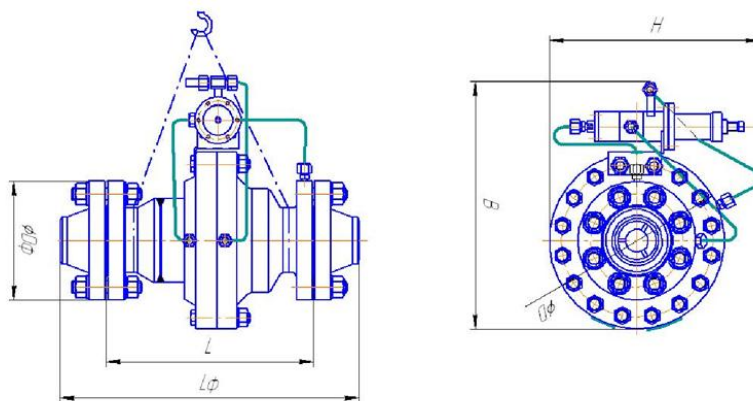
# RDU gas pressure regulator

## Specifications

Name of basic parameters	RDU 100/15*	RDU 100/25	RDU 100/50	RDU 100/80	RDU 100/100	RDU 63/100
Port area diameter, mm	15	25	50	80	100	100
Maximum input pressure, MPa (kgf/cm <sup>2</sup> )	10.0 (100)	10.0 (100)	10.0 (100)	10.0 (100)	10.0 (100)	6.3 (63)
Working medium	Natural gas under GOST5542-87 at the temperature of -30...+40°C					
Upper regulation limit, MPa (kgf/cm <sup>2</sup> )	1.2 (12) or 4.0 (40) depending on the setting device					
Lower regulation limit, MPa (kgf/cm <sup>2</sup> )	0.15 (1.5) or 1.2 (12) depending on the setting device					
Type of connection to the pipeline	Ball and nipple type	Flanged under GOST 12821-80, version 3				
Mounting position at the pipeline	any					
Permissible output pressure fluctuations	$\pm 5\%$ of the nominal value at input pressure fluctuations of $\pm 25\%$ ; $\pm 2.5\%$ in the gas flow rate range of 10% to 100% of regulator operation; +5% - regulator closing pressure					
Mass (kg)	10	35	82	127	175	160

## Overall dimensions

Name	Du, mm	Df, mm	D, mm	H, mm	B, mm	L, mm	Lf, mm
RDU 100/15*	15	-	195	340	200	215	292
RDU 100/25	25	135	250	415	345	240	360
RDU 63/100	100	250	405	490	560	430	580
RDU 100/50	50	195	290	480	380	320	460
RDU 100/80	80	230	340	480	405	400	580
RDU 100/100	100	265	405	500	590	430	590



### \* New development!

The RDU 100/15 regulator is a new development extending the RDU regulators line produced by the “Contact” LLC. The need for a regulator with the port area of 15 mm sprung up recently due to the trend towards economy and reduction of gas consumption.

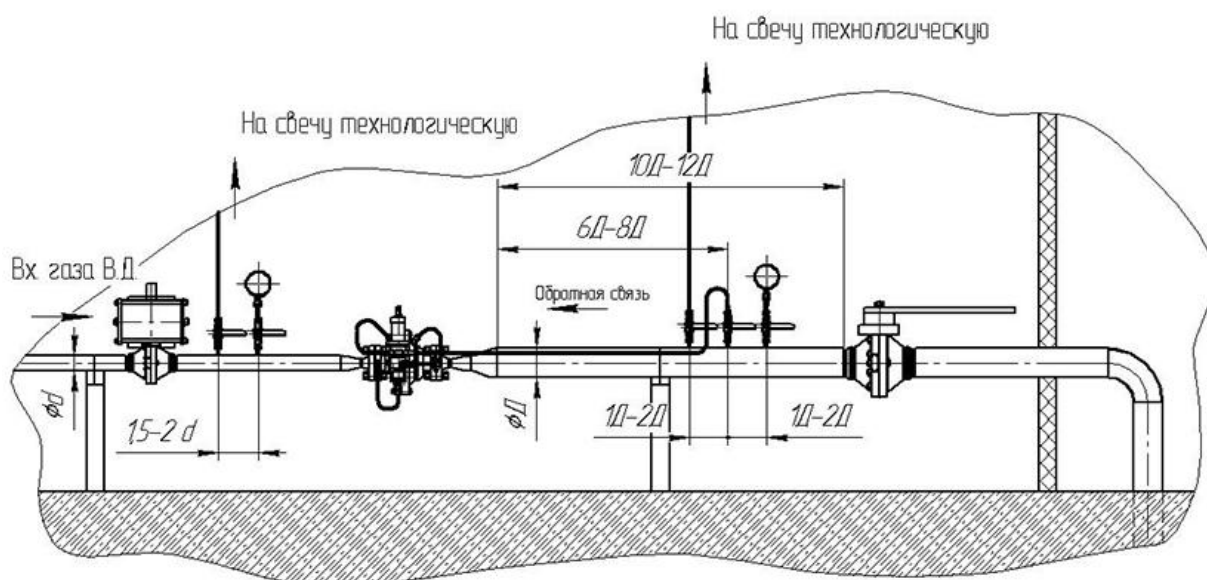
For example, “summer” reduction lines of the low flow-rate GDSs (gas distribution stations) supporting small townships and villages can be completed with the RDU 100/15 regulators.

The ball and nipple type connection of the regulator provides for accurate insertion of the “summer” reduction line without encumbering the GDS reduction unit premises.

### Service life

The regulators service life, provided the operation and storage rules are observed, is not less than 15 years.

### Recommended mounting and piping diagram for gas regulators of the RDU type



На свечу технологическую	To the technological stand
Вх. газа	Gas input
Обратная связь	Feedback

