

Safety valve KD-200.

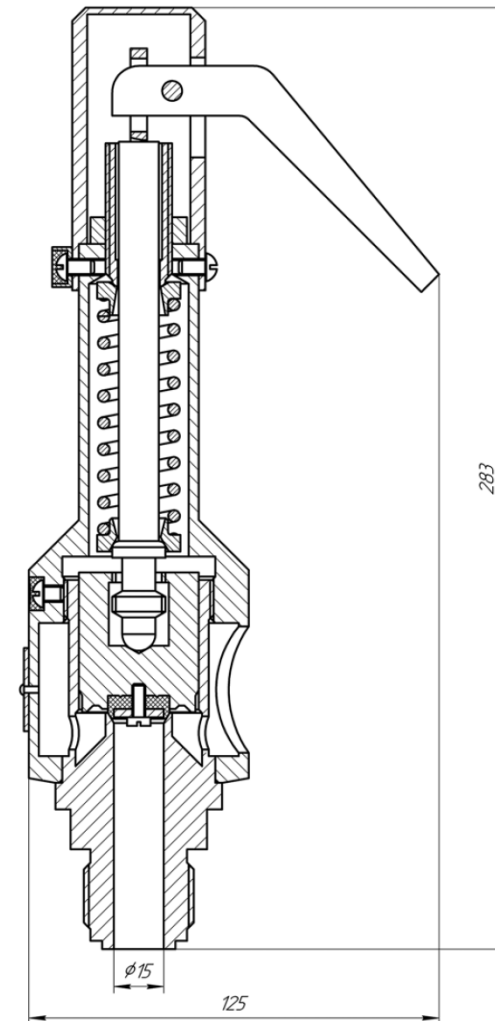
Safety valve KD-200 is designed for installation on insulated tank for low-temperature liquid carbon dioxide. It is special-purpose valve. Concerning operating principle, safety valve being installed on insulated tanks for storage and transportation of liquid carbon dioxide represents high-lift valve. Valve closing occurs by spring action after pressure decrease down to the set or lower one. Valve is equipped with handle for positive opening.

Guaranteed service life is 1 year.



Technical characteristics

Valve designation	KD-200	KD-200-01
Operating medium	low-temperature liquid carbon dioxide	
Maximum operating pressure, Pmax	20	18
Rated pressure of reservoir, Pr	20	18
Set pressure, Pset	20±0.2	18±0.2
Relieving pressure, Prel	20±0.2 < Prel ≤ 22	18±0.2 < Prel ≤ 19.8
Closing pressure, Pc	20±0.2 > Pc ≥ 14	16±0.2 > Pc ≥ 12.6
Temperature of operating medium, °C	-60 ... +60	
Operating position	vertical, spring upwards.	



Safety valve KD-200. Dimensional drawing.