

# 21c-100-1-Э-01

## Specifications

DN, mm	Pp, MPa	Tmax of the Medium, °C	Body Material, Steel	Working Medium	Max. Pressure Differential, MPa	TQ, N-m, maximum torque at spindle plug	L, mm	N, kW	t хода, с.	H, mm	D, mm	D1, mm	Weight without Electric Actuator, kg	Full Weight, kg	Updated	S1, cm2	S2, cm2	Torque, N*m
100	13,7	560	15X1M1Φ	пар	68,3	1000	400	0,3	10	137	94	146	183	220	0	0	0	0

### Legend

**DN** - Nominal Diameter    **Tmax** - Maximum Design Temperature  
**PN** - Nominal Pressure    **h** - Valve Stroke  
**P** - Pressure    **Kv** - Throughput Capability  
                                  **Mkp** - Spindle Torque    **F** - Seat Area  
                                  **t** - Response time    **ζ** - Resistance Coefficient  
                                  **μ** - Fluid Flow Coefficient

The pressure-compensated control disc valves of type 21c are intended for the control of the feed water and steam flow. They are installed in the power centers of steam generators, PRDS and FRPRDS. The valves are used as all-mode control bodies.

### Page link:

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