

# 21c-175-1-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
175	13,7	560	15X1 M1Φ	nap	99	1600	650	0,3	25	131	156	230	604	728	0	0	0	0

### Legend

**DN** - Nominal Diameter  
**PN** - Nominal Pressure  
**P** - Pressure

**Tmax** - Maximum Design Temperature  
**Mkp** - Spindle Torque  
**t** - Response time  
**μ** - Fluid Flow Coefficient

**h** - Valve Stroke  
**Kv** - Throughput Capability  
**F** - Seat Area  
**ζ** - Resistance 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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