

**Name:** 976-100-ech-01  
**Type:** Control and throttle valves  
**Subtype:** High parameters valves  
**Operating medium:** water  
**Body material:** 20ГСЛ



## DESCRIPTION:

Control valves are the most used valve type designed for continuous or discrete adjustment of flow and pressure.

## TECHNICAL DATA:

Diameter, DN: 100 mm  
Pressure, PN: 10 MPa  
Temperature: 450 C  
Maximum pressure differential: 7 MPa  
Discharge rate (Kv100): 17.7 m<sup>3</sup>/h  
Rotational moment on the shaft: 250 Ngm  
Number of revolutions: 15  
Operating stroke: 90 mm

## DIMENSIONS:

D1 (D3): 114 mm  
D2 (D4): 146 mm  
L: 500 mm  
H: 1473 mm  
A: 120 mm  
Weight: 299 кг

## ACTUATOR:

Control type: Э  
Actuator model: ПЭМ-В11 630 50 36 У У2  
Actuator power: 4.8 kW  
Full stroke time: 18 s

## DIMENSIONAL DRAWING:

