

# 2s-450-10-450-em

www.russol.org

---

**Name:** 2s-450-10-450-em  
**Type:** Gate valves -2s type  
**Subtype:** Medium parameters valves  
**Operating medium:** water-steam  
**Body material:** 20ГЦЛ

## DESCRIPTION:

Gate valves are designed for water and steam lines leak-free shutoff. These valves can be applied only for full valve opening or shutoff. Gate valves can't be used as control valves

## TECHNICAL DATA:

Diameter, DN: 450 mm  
Pressure, PN: 9.9 MPa  
Temperature: 450 C  
Hydraulic resistance coefficient: 0.26  
Rotational moment on the shaft: 2450 Ngm  
Number of revolutions: 54  
Operating stroke: 430 mm

## DIMENSIONS:

D1: 424 mm  
D2: 480 mm  
L: 1000 mm  
H: 2348 mm  
A: 345 mm  
Weight (w/o actuator): 2213 kg  
Weight (with actuator): 2423 kg

## ACTUATOR:

Control type: Э  
Actuator model: H-Г-14 У2  
Actuator power: 8.5 kW  
Full stroke time: 81 s

## DIMENSIONAL DRAWING:

