

**Name:** 12s-1-1  
**Type:** Butterfly control valves  
**Subtype:** Medium parameters valves  
**Operating medium:** steam  
**Body material:** 20



## DESCRIPTION:

Butterfly control valves have shutoff and control disk shaped device turning about an axis at a required angle to the direction of controlled fluid flow. Also these valves can be called as paddle valve , butterfly gate, hermetic valve, hermetically sealed valve, sealed valve. Butterfly control valves are widely used as isolation valves with respect to big diameter pipelines, low pressure and nonstrict requirements for operating device leaktightness.

## TECHNICAL DATA:

Diameter, DN: 450 mm  
Pressure, PN: 4 MPa  
Temperature: 340 СЉ  
Maximum pressure differential: 0.25 MPa  
Discharge rate (Kv100): 10400 m<sup>3</sup>/h  
Rotational moment on the shaft: 800 Ngm  
Operating stroke: 0.21 mm

## DIMENSIONS:

D1: 430 mm  
D2: 437 mm  
D3: 465 mm  
L: 400 mm  
H: 950 mm  
Weight: 205 кг

## ACTUATOR:

Control type: P  
Actuator model: МЭО-1600/25-0,25У-92К У2  
Actuator power: 0.32 kW  
Full stroke time: 22.5 s

DIMENSIONAL DRAWING:

