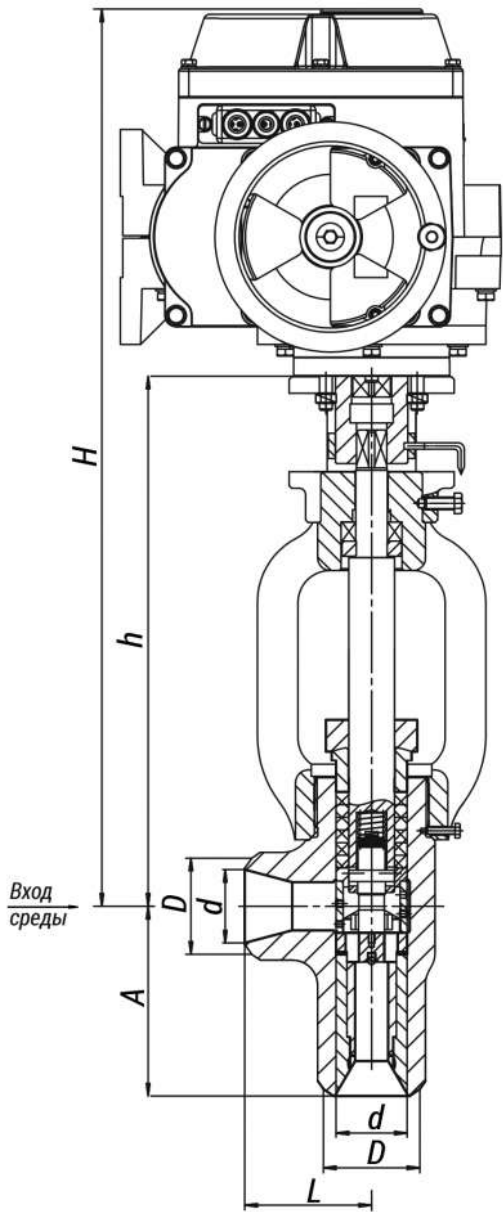


# 24c-40-3

Production according to TR 2913-001-15365247-2004



**Pipeline connection:** welded connection.  
**Climatic version:** У, УХЛ, ХЛ, Т according to GOST 15150-69.  
**Placement category:** 3, 4, 5 according to GOST 15150-69.  
**Installation position on the pipeline:** horizontal.  
**Working medium supply direction:** to the seat.  
According to the arrow on the body.  
**Gate sealability:** class IV GOST 9544-2015.  
**The control is carried out through:**

- built-in electric actuators of single-turn electric flanged actuator type (МЭОФ) manufactured by ABS ZEIM Automation, OJSC, Cheboksary;
- electric actuators of other manufacturers with standard connection units.

## Specifications

| DN, mm | Pp, MPa | Tmax of the Medium, °C | Body Material, Steel | Working Medium | Max. Pressure Differential, MPa | F, cm <sup>2</sup> | Maximum Steam Rate, t/h | TQ, N·m, maximum torque at spindle plug | Designation - display in a group | Designation - display in the product table | L, mm | Designation of the electric drive | N, kW | tmax, c. | H, mm | h, mm | D, mm | d, mm | Weight without Electric Actuator, kg | Full Weight, kg | Updated | S1, cm <sup>2</sup> | S2, cm <sup>2</sup> | Torque, N·m |
|--------|---------|------------------------|----------------------|----------------|---------------------------------|--------------------|-------------------------|-----------------------------------------|----------------------------------|--------------------------------------------|-------|-----------------------------------|-------|----------|-------|-------|-------|-------|--------------------------------------|-----------------|---------|---------------------|---------------------|-------------|
| 40     | 37, 3   | 280                    | 20                   | вода           | 7,0                             | по ТЗ Заказ        | 90                      | 250                                     | 0                                | 0                                          | 120   | МЭОФ-250                          | 0,2 5 | 25       | 650   | 335   | 57    | 39    | 45                                   | 69              | 0       | 0                   | 0                   | 0           |

| DN, mm | Pp, MPa | Tmax of the Medium, °C | Body Material, Steel | Working Medium | Max. Pressure Differential, MPa | F, cm <sup>2</sup>          | Maximum Steam Rate, t/h | TQ, Nm, maximum torque at spindle plug | Designation - display in a group | Designation - display in the product table | L, mm | Designation of the electric drive | N, kW | тода, с. | H, mm | h, mm | D, mm | d, mm | Weight without Electric Actuator, kg | Full Weight, kg | Updated | S1, cm <sup>2</sup> | S2, cm <sup>2</sup> | Torque, N*m |
|--------|---------|------------------------|----------------------|----------------|---------------------------------|-----------------------------|-------------------------|----------------------------------------|----------------------------------|--------------------------------------------|-------|-----------------------------------|-------|----------|-------|-------|-------|-------|--------------------------------------|-----------------|---------|---------------------|---------------------|-------------|
|        |         |                        |                      |                |                                 | азчик<br>от 0,05<br>до 4,46 |                         |                                        |                                  |                                            |       | /25-0,25Y-99K                     |       |          |       |       |       |       |                                      |                 |         |                     |                     |             |

## Legend

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

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

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

The temperature control angle disc valves DN 20-65 of type 24c are intended for the steam temperature control.

They are used for the control of steam superheating temperature on boilers, reduced steam temperature in DS, PRDS, FRPRDS of power generating units and other pipelines, as well as on continuous blowdown pipelines.

## Page link:

<https://en.bkzn.ru/catalog/armatura-reguliruyushhaya/klapany-regulatory-temperature-uglovye-diskovye-tipa-24s/24s-40-e/>