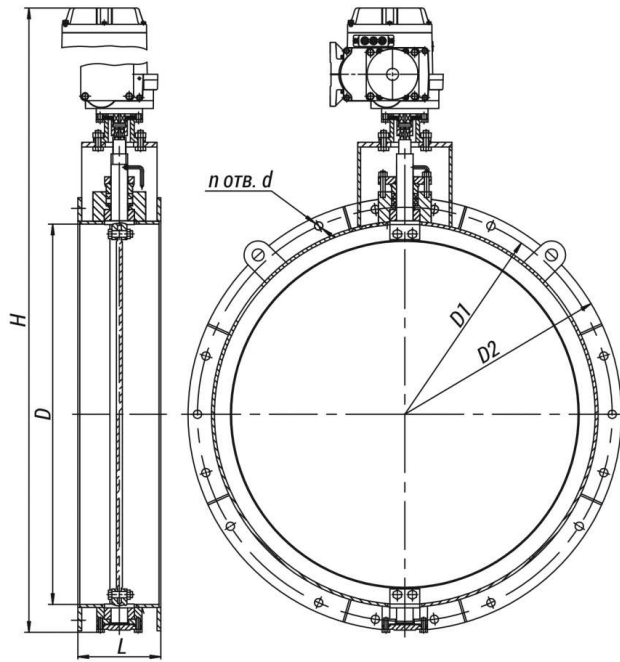


# 12c-8-43

Production according to TR 3740-002-15365247-2004



**Pipeline connection:** flanged connection.  
**Installation position:** on horizontal and vertical pipeline sections.  
**Climatic version:** У, УХЛ, ХЛ, Т according to GOST 15150-69.  
**Placement category:** 2, 3 according to GOST 15150-69.

## Specifications

DN, mm	PN, MPa	Tmax of the Medium, °C	Body Material, Steel	Working Medium	Max. Pressure Differential, MPa	F, cm <sup>2</sup>	TQ, Nm, maximum torque at spindle plug	Full Stroke Rotation Number	Designation - display in a group	Designation - display in the product table	L, mm	Designation of the electric drive	N, kW	t, c	H, mm	h, mm	D, mm	D1, mm	d, mm	D2, mm	n	Weight with Electric Actuator, kg	Full Weight, kg	Updat ed	S1, cm <sup>2</sup>	S2, cm <sup>2</sup>	Torque, N* m
300	0,1	400	09Г2С	Air, gases	4700	640	100	0,25	0	0	180	МЭ ОФ -25 0/2 5-0 ,25 y-9 9K	0,25	25	874	18	310	385	30	430	10	90	118	0	0	0	0

### 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 rotary disc valves of type 12c are intended for the flow control of air and compatible stripped gases in the gas and air lines of the boiler unit.

The control is carried out through changing the area of passage section when turning the disc with the help of:

- an actuator of single-turn electric flanged actuator (MЭOΦ) type installed on the top trunnion;
- an actuator of single-turn electric actuator (MЭO) type through the lever.

The full opening of the valve corresponds to the disc turning by an angle of 90 from the closed position.

**Page link:**

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