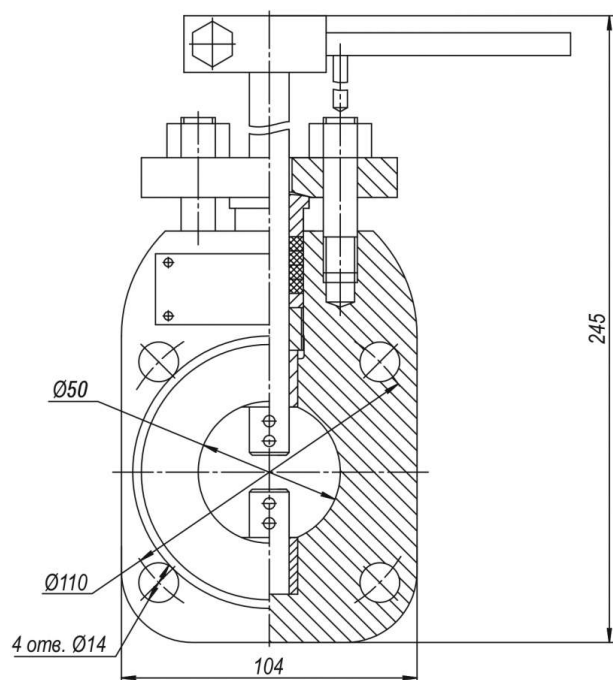


# 12c-3-1



**Pipeline connection:** welded connection.

The maximum pressure differential on the valve is limited.

**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.

**The valves are controlled** through a quarter-turn actuator with a current position sensor of single-turn electric actuator (МЭО) and single-turn electric flanged actuator (МЭОФ) types (ABS ZEIM Automation, OJSC, Cheboksary) etc.

## Specifications

DN, mm	PN, MPa	Tmax of the Medium, °C	Body Material, Steel	Working Medium	F, cm <sup>2</sup>	TQ, N·m, 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.	Weight without Electric Actuator, kg	Full Weight, kg	Updated	S1, cm <sup>2</sup>	S2, cm <sup>2</sup>	Torque, N·m
50	0,1	400	09Г2С	Air, gases	12	95	0,25	0	0	38	МЭО-40/25-0,25Y-99K	0,095	25	4,5	12,5	0	0	0	0

### Legend

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

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

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

The control valves with butterfly dampers of type 12c are intended for the flow control of water steam, gas and air.

The control is carried out by means of changing the area of passage section between the body and the butterfly damper when turning it. The full opening of the valve corresponds to the lever turning by an angle of 75 from the closed position.

**Page link:**

<https://en.bkzn.ru/catalog/armatura-reguliruyushhaya/klapany-s-povorotnoj-zaslonkoj-tipa-12s/12s-3-1/>