

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 (M3O) and single-turn electric flanged actuator (M3OΦ) types (ABS ZEIM Automation, OJSC, Cheboksary) etc.

## **Specifications**

DN, mm	PN, MPa	Tma x of the Medi um, °C	Body Mate rial, Steel	Work ing Medi um	F, cm²		Full Strok e Rot ation Num ber	Desi gnati on - displ ay in a grou p	Desi gnati on - displ ay in the p rodu ct table	L, mm	Desi gnati on of the e lectri c drive	N, kW	t хода , с.	Weig ht wi thout Elect ric A ctuat or, kg	Full Weig ht, kg	Upda ted	\$1, cm2	S2, cm2	Torq ue, N*m
50	0,1	400	09Г2 С	Air, gase s	12	95	0,25	0	0	38	M90 -40/2 5-0,2 5y-9 9K	0,095	25	4,5	12,5	0	0	0	0

## Legend

**DN** - Nominal **Tmax** - Maximum **h** - Valve Stroke

Diameter Design Temperature Kv - Throughput Capability

PN - Nominal Mκp - Spindle Torque F - Seat Area

Pressure t - Response time ζ - Resistance Coefficient

**P** - Pressure  $\mu$  - Fluid Flow 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.

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