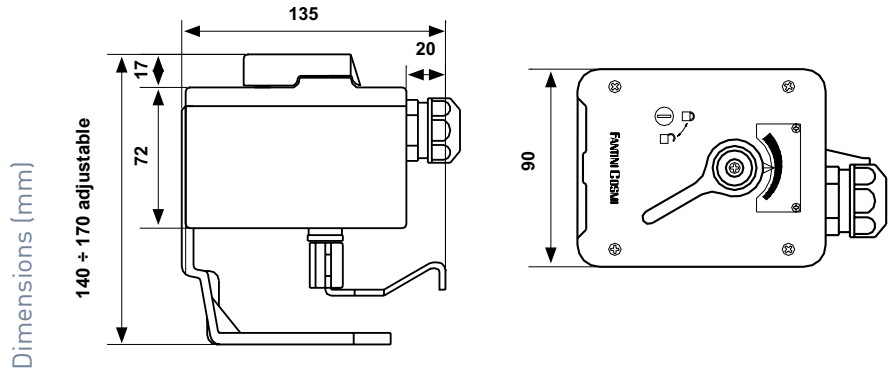


024

Electric servomotors for mixing valves

Single-phase synchronous motor with bidirectional rotation. Suitable to control 3-way and 4-way mixing valves and for generic controls.



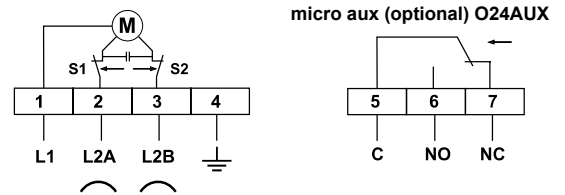
	Rotation time for 90°	Rated torque Nm	Power supply of the single-phase synchronous motor	Consumption VA	Operating temperature	Protection degree
024A	10 minutes	15	230Vac 50/60Hz	4	0 ÷ 50	IP40
024B	5 minutes	15	230Vac 50/60H	4	0 ÷ 50	IP40

ELECTRICAL FEATURES

Power supply: 230Vac 50Hz.

Power consumption: 4W.

Contacts rating: 6(2)A 250Vac (micro aux).



OPERATION

The unit executes an angle of rotation of 90°, once it reaches one of two extreme points, the electric circuit is opened by the relative limit microswitch.

STANDARDS AND HOMOLOGATIONS

Conformity with EN 60335-1 standard.

INSTALLATION

The device is connected to the valve using the appropriate T0-- kit suitable for the specific valve type (not supplied).

For making the electrical wiring is sufficient to remove the indicator and the cover and to connect the terminals according to the wiring diagram. Once the device is mounted on the valve, for bringing it in the desired position you must use the handle T0-- supplied with the coupling kit.

FEATURES

Coupled with the most common valves from DN15 to DN100 and from G1" to G2", for the ZC (Fantini Cosmi) series up to DN150.

Single-phase synchronous motor with bidirectional rotation.

Bottom and device bracket in die-cast aluminum.

Cover and indicator made of thermoplastic material.

Angle of rotation equal to 90°.

Possibility of manual operation.

Adjustable height of the bracket, max 30mm.

Possibility to add an auxiliary microswitch for pump control, signaling etc. (optional).

Rotation torque: 15Nm.

Insulation class: I.

Screw terminals.

Fitting for smooth pipes and for spiral ducts Pg13.5.

Reversible plate.

ACCESSORIES

024 servocontrols must be mounted on valve bodies types Z59 - Z60 - Z61 - Z62 - Z63 - Z64 by means of the coupling/linkage kit T01A. It is possible to mount 024 servocontrols upon many valves available on the market, using the specific coupling groups listed below.

The linkage is very simple and is not necessary to have a perfect concentricity between motor shaft and valve body shaft.

Furthermore, it is always possible to manually operate the valve, releasing the handle of the coupling group from the servocontrol.



T01A
For FANTINI - BUCHE
- L&S SERIE 2 valves

T01B
For MUT valves

T01D
For FANTINI -LAZZARI Ø 12
- SIEMENS valves

T01E
For CENTRA -
HONEYWELL Ø 20,8 valves

T01F
For VILB Ø 11 valves

T01G
For STARK Ø 12 valves

T01H
For LOELL Ø 20 valves

T01L
For WIMAT Ø 14 valves

T01M
For VEMA Ø 12 valves

T01N
For BESSER Ø 12 valves

T01P
For COSTER 75 Ø 16 valves

T01Q
For COSTER 73 Ø 12 valves

T01R
For IVK Ø 14 valves

T01S
For SAUTER Ø 16 valves

T01Z
For MIXETTE Ø 12 valves

T02A
For VEMA Ø 10 valves

T02B
For VILB Ø 25 valves

T02C
For JUCKER Ø 14 valves

T02H
For MAJMAR valves

024AUX
KIT for mounting an auxiliary contact