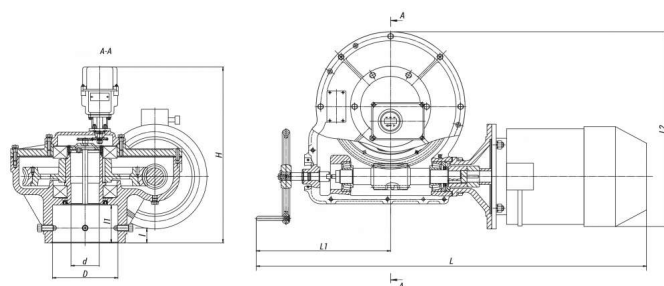


# 824-ЭР-0а



Production according to TR  
28.14.20-006-15365247-2016

**The built-in electric actuators of series: 825, 876, 854, 792, 793, 794, 795, 797, 768, 798 are intended for the control of isolation and control fittings of TPS.**

**The electric actuators enable the following actions:**

- Closing, opening and stopping in any intermediate position of a locking device of fittings from the control board and in manual mode.
- Automatic switching-off of the electric motor:
  - when the locking or control device achieves the established boundary positions;
  - in extreme positions and in the intermediate position at the moment of stroke of the gate element when achieving the rotational torque on the driving shaft higher than the set one.
- Local and remote indication of the locking device position.
- Electric blocking of the electric motor in case of manual control of the fittings.
- Remote signaling.

## Specifications

| Appli<br>cabili<br>ty to<br>Fittin<br>gs | Maxi<br>mum<br>Torq<br>ue on<br>the O<br>utput<br>Shaft<br>of the<br>Electr<br>ic Act<br>uator<br>at ПВ<br>=15%<br>, N·m | Nomi<br>nal T<br>orque<br>on the O<br>utput<br>Shaft<br>of the Electr<br>ic Act<br>uator<br>at ПВ<br>=25%<br>, N·m | Rotat<br>ional<br>Spee<br>d,<br>rpm | Powe<br>r, kW | DN,<br>mm | d,<br>mm | L,<br>mm | L1,<br>mm | l, mm | l1,<br>mm | b,<br>mm | d+t,<br>mm | Moto<br>r<br>Mode<br>l | H,<br>mm | D,<br>mm | H1,<br>mm | Weig<br>ht wit<br>hout<br>Electr<br>ic Act<br>uator,<br>kg | Torq<br>ue,<br>N·m |
|--|--|--|-------------------------------------|---------------|-----------|----------|----------|-----------|-------|-----------|----------|------------|------------------------|----------|----------|-----------|--|--------------------|
| Contr<br>ol                              | 0  | 970  | 21,6                                | 3,2           | 0         | 85       | 955      | 550       | 25    | 87        | 18       | 89,4       | АМРС<br>100S<br>4Y3    | 430      | 185      | 355       | 110,8  | 0                  |

**The electric actuators for gate valves** are designed for operation in a short-time mode, the frequency of starting per an hour is not more than 6 times with the cyclic duration factor (CDF) of not more than 15%. The turning-off of the electric actuators happens in case of complete closing/opening of gate valves, i.e. when the overcurrent relay is activated.

**The electric actuators for the control valves** are designed for operation in an intermittent revertive operation mode with the number of switchings up to 320 per hour and the cyclic duration factor (CDF) up to 25% in case when the load on the output shaft is equal to the nominal one. At the same time, the electric actuators shall enable operation within 1 hour in an intermittent revertive operation mode with the number of switchings up to 630 per hour and CDF up to 25% with subsequent repetition not more than in 3 hours.

**Page link:**

<https://en.bkzn.ru/catalog/elektroprivody-ooo-bkz/vstroennye-elektroprivody/824-er-0a/>