R.K. Instruments & Controls

TECHNICAL DATASHEET

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Siemens Servo Motor | Damper Actuator SQN31.401A2700

Brand: Siemens | Code/Part No.: BPZ:SQN31.401A2700 | Category: SERVO MOTORS

Specifications

Type	**SQN31.401A2700**
Application	**Damper actuator / servo motor for gas-air dampers & fuel-air ratio control**
Running Time	**30 s per 90° (50Hz)**
Torque	**3 Nm (operating & holding)**
Angle of Rotation	**Max. 160°**
Voltage Supply	**220-240V~, 50-60Hz, 6.5VA**
Auxiliary Switch	**1 x, rated 7(1) A, 250V~**
Degree of Protection	**IP40**
Manufacturer	**Siemens AG, Germany**



Description

The Siemens SQN31.401A2700 is an electromotoric damper actuator — also known as a servo motor — used to position gas/air dampers and fuel-air ratio control linkages on oil and gas burners and heating plant. It completes a 90° stroke in 30 seconds (50Hz), delivers 3Nm of operating and holding torque, and permits a maximum rotation angle of 160°. The unit carries one integral auxiliary switch rated 7(1) A, 250V~, is rated IP40, and runs on a 220-240V~, 50-60Hz, 6.5VA supply. Manufactured by Siemens AG, Germany, and supplied by R.K. Instruments & Controls.

Typical media compatibility: CNG, PNG, LPG, Air, Nitrogen — confirm against application before installation.