R.K. Instruments & Controls

TECHNICAL DATASHEET

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Siemens Servo Motor | Damper Actuator SQN72.4A4B20

Brand: Siemens | Code/Part No.: BPZ:SQN72.4A4B20 | Category: SERVO MOTORS

Specifications

Type	**SQN72.4A4B20**
Application	**Damper actuator / servo motor for gas-air dampers & fuel-air ratio control**
Running Time	**12 s per 90° (50Hz)**
Torque	**2.5 Nm (nominal)**
Angle of Rotation	**Max. 160°**
Voltage Supply	**230V~, 50-60Hz, 6VA**
Auxiliary Switch	**2 x free auxiliary switches + 2 end switches**
Degree of Protection	**IP54**
Operating Temperature	**-20°C to +60°C**
Manufacturer	**Siemens AG, Germany**



Description

The Siemens SQN72.4A4B20 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 12 seconds (50Hz), delivers 2.5Nm of nominal torque, and permits a maximum rotation angle of 160°. The unit carries two free auxiliary switches plus two end switches, is rated IP54, and runs on a 230V~, 50-60Hz, 6VA 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.