## APMC-FCL10AYK2-AD Cut Sheet





LS Electric low inertia AC brushless servo motor, 1 kW, 3-phase input, 17-bit (131072 ppr) encoder, integrated brake. For use with LS Electric L7C L7CA010U-AD 1 kW drive.

For complete product information, please see this item on our store at the following link:



https://www.automationdirect.com/pn/APMC-FCL10AYK2-AD

## **Technical Specifications**

| Brand                  |                     |
|------------------------|---------------------|
| Diana                  | LS Electric         |
| Item                   | Servo motor         |
| Performance Level      | Low inertia         |
| Voltage Type           | AC                  |
| Motor Type             | Brushless           |
| Power Rating           | 1 kW                |
| Number of Input Phases | 3                   |
| Rated Speed            | 3000rpm             |
| Maximum Speed          | 5000rpm             |
| Amperage Rating        | 5.83A               |
| Holding Torque Rating  | 28.1 lb-in          |
| Encoder Resolution     | 17-bit (131072 ppr) |

| Integrated Brake     | Yes   |
|----------------------|---|
| Motor Frame          | 80mm  |
| IP Rating            | IP67  |
| Shaft Type           | Single  |
| Shaft Diameter       | 19mm  |
| Steps per Revolution | Up to 17-bit (131072 ppr)   |
| For Use With         | LS Electric L7C L7CA010U-AD 1 kW drive  |
| Includes             | Motor shaft key   |
| Requires             | LS Electric APCS-PxxxxLSC-AD power<br>cables, APCS-ExxxxES-AD encoder cables<br>and APCS-BxxxQS-AD brake cables |

## Dimensional Drawings



2D Drawing PDF Link: https://cdn.automationdirect.com /static/drawings/2d/APMC-FCL10AYK2-AD.pdf See store item page for other formats.

## Agency Approvals

| UL Listed File #     | None                   |
|----------------------|------------------------|
| UL Recognized File # | E255738                |
| UL Hazardous File #  | None                   |
| CE                   | View CE declarations   |
| CSA File #           | None                   |
| RoHS Status          | Yes (See CE Doc)       |
| EU REACH             | View EU REACH document |
| Other                | RoHS Statement         |