

# MPLA1530UEJ72AA

Allen-Bradley Kinetix MPL Servo Motor 230VAC 7000 RPM  
5.99Nm Single Turn Encoder 24VDC Brake Keyless



**Allen-Bradley**

by ROCKWELL AUTOMATION

SERVO MOTORS AND CABLES



|                       |                     |
|-----------------------|---------------------|
| <b>Component type</b> | Electric servomotor |
| <b>Range</b>          | MP                  |
| <b>Model</b>          | N/A                 |
| <b>Product status</b> | Existing            |

The Allen-Bradley MP-Series™ Low Inertia (MPL) Servo Motors are a compact, brushless high torque motor ideal for the most demanding complex motion systems. Available in nine frame sizes to suit any application.

|                      |  |                                     |
|----------------------|--|-------------------------------------|
| <b>ELECTRICAL</b>    | Voltage class AC                       | 200.0 V                             |
| <b>COMMUNICATION</b> | Feedback type                          | Single-turn high resolution         |
|                      | Feedback protocol                      | HiperFace DSL Protocol/SSI Protocol |
| <b>CONSTRUCTION</b>  | With brake                             | No                                  |
|                      | Magnet stack (length)                  | 76.2 mm                             |
|                      | Magnet stack (number of magnets)       | 30                                  |
|                      | Degree of protection (IP)              | IP50                                |
| <b>MECHANICAL</b>    | Rotational speed                       | 7000.0 1/min                        |
|                      | Nominal torque                         | 2.8 Nm                              |
|                      | Torque                                 | 0.9 Nm                              |
|                      | Shock acceleration (Max)               | 20.0 g                              |
|                      | Vibration frequency, operational (Max) | 2000.0 Hz                           |
|                      | Vibration acceleration (Max)           | 2.5 m/s <sup>2</sup>                |
| <b>DIMENSIONS</b>    | Weight                                 | 1.6 g                               |
| <b>ENVIRONMENT</b>   | Operating temperature                  | 0 - 40 °C                           |
|                      | Allowable relative humidity            | 5 - 95 %                            |
|                      | Ambient temperature                    | -30 - 70 °C                         |