

# VPLB0753MPJ14AA

Allen-Bradley Kinetix VPL Servo Motor 480VAC 6700RPM  
2.28Nm Digital Encoder 24VDC Brake Key



**Allen-Bradley**

by ROCKWELL AUTOMATION

SERVO MOTORS AND CABLES



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

The Allen-Bradley VP Series Servo Motors are an integrated motion control solution with over EtherNet/IP network, optimised to run with the Kinetix 5500 and 5700 servo drives to provide smooth motion control. The Kinetix VPC continuous-duty servo motors offer continuous power and torque utilising interior permanent magnet technology for higher efficiency in continuous duty application.

|                      |   |                                     |
|----------------------|---|-------------------------------------|
| <b>COMMUNICATION</b> | <b>Feedback type</b>                          | Multi-turn high resolution encoder  |
|                      | <b>Feedback protocol</b>                      | HiperFace DSL Protocol/SSI Protocol |
| <b>CONSTRUCTION</b>  | <b>Magnet stack (length)</b>                  | 3.0 mm                              |
|                      | <b>Magnet stack (number of magnets)</b>       | 3                                   |
|                      | <b>Degree of protection (IP)</b>              | IP50                                |
| <b>MECHANICAL</b>    | <b>Rotational speed</b>                       | 6000.0 1/min                        |
|                      | <b>Nominal torque</b>                         | 7.35 Nm                             |
|                      | <b>Torque</b>                                 | 0.46 Nm                             |
|                      | <b>Shock acceleration (Max)</b>               | 20.0 g                              |
|                      | <b>Vibration frequency, operational (Max)</b> | 2000.0 Hz                           |
| <b>DIMENSIONS</b>    | <b>Vibration acceleration (Max)</b>           | 2.5 m/s <sup>2</sup>                |
|                      | <b>Weight</b>                                 | 3.18 g                              |
|                      | <b>Operating temperature</b>                  | 0 - 40 °C                           |
| <b>ENVIRONMENT</b>   | <b>Allowable relative humidity</b>            | 5 - 95 %                            |
|                      | <b>Ambient temperature</b>                    | -30 - 70 °C                         |