

# VPLB1153FPJ14AA

Allen-Bradley Kinetix VPL Servo Motor 480VAC 4500RPM  
6.55Nm 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>	Feedback type	Multi-turn high resolution encoder
	Feedback protocol	HiperFace DSL Protocol/SSI Protocol
<b>CONSTRUCTION</b>	Magnet stack (length)	3.0 mm
	Magnet stack (number of magnets)	3
	Degree of protection (IP)	IP50
<b>MECHANICAL</b>	Rotational speed	4500.0 1/min
	Nominal torque	20.33 Nm
	Torque	1.61 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	6.88 g
<b>ENVIRONMENT</b>	Operating temperature	0 - 40 °C
	Allowable relative humidity	5 - 95 %
	Ambient temperature	-30 - 70 °C