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sales@automation-factory.com 1-919-443-0207

B & R Automation - 80M Stepper Motors

80MPH6.300S114-01





- Get a Quote in 5 minutes
- Parts ship in as little as 24 hours
- Up to half the cost of the manufacturer





Secure Online Checkout Free Ground Shipping

One Year Warranty

The **80MPH6.300S114-01** is a part of the **80M Stepper Motors Series** by **B & R Automation**.

Specifications

Average Operational Lifetime:	20,000 h	Current:	3 A (Series) / 6 A (Parallel)	Detent Torque:	<320 mNm (Series) / <420 mNm (Parallel)
Encoder Max Output Current:	?10 mA	Encoder Output Circuit:	Push-pull	Encoder Outputs:	3 channels
Encoder Resolution:	1024 increments (256 positions)	Encoder Supply Voltage:	18-30 VDC	Holding Torque:	9.5 Nm (Series) / 13.6 Nm (Parallel)
Inductance Per Phase:	20 mH (Series) / 5 mH (Parallel)	Length:	180.4 mm	Maximum Surface Temperature:	95 °C
Resistance Per Phase:	2.7 ? (Series) / 0.7 ? (Parallel)	Rotor Inertia:	2.61 kg·cm ² (Series) / 3.92 kg·cm ² (Parallel)	Stall Torque:	6.3 Nm (Series) / 9.3 Nm (Parallel)
Stepping Angle:	1.8°	Weight:	4300 g	Last Verified:	08/13/2025 4:02 PM

Contact Us

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Shipping Options









Payment Methods









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