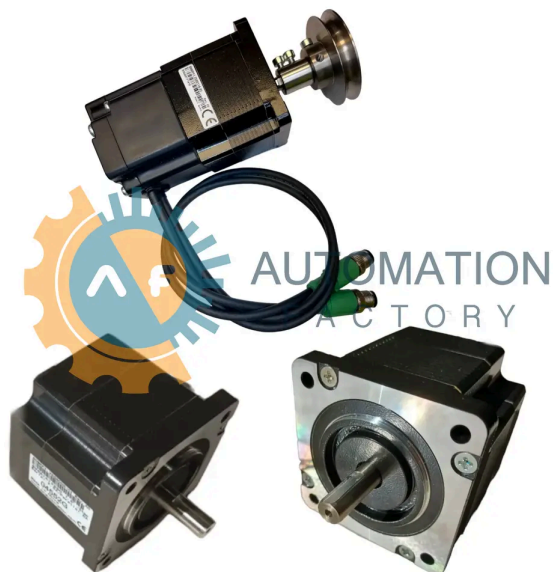


B & R Automation - 80M Stepper Motors

80MPH6.300S114-01



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- ☒ Parts ship in as little as 24 hours
- ☒ Up to half the cost of the manufacturer



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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

Encoder Max Output Current: ?10 mA

Encoder Resolution: 1024 increments (256 positions)
Inductance Per Phase: 20 mH (Series) / 5 mH (Parallel)

Resistance Per Phase: 2.7 ? (Series) / 0.7 ? (Parallel)

Stepping Angle: 1.8°

Current:
Encoder Output Circuit:
Encoder Supply Voltage:

Length:

Rotor Inertia:

Weight:

3 A (Series) / 6 A (Parallel)

Push-pull

18-30 VDC

180.4 mm

2.61 kg·cm² (Series) / 3.92 kg·cm² (Parallel)

4300 g

Detent Torque: <320 mNm (Series) / <420 mNm (Parallel)

Encoder Outputs: 3 channels


Holding Torque: 9.5 Nm (Series) / 13.6 Nm (Parallel)

Maximum Surface Temperature: 95 °C

Stall Torque: 6.3 Nm (Series) / 9.3 Nm (Parallel)

Last Verified: 08/13/2025 4:02 PM

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Shipping Options



Payment Methods

