

### HDD02.2-W040N-HD32-01-FW

Industrial automation components

<b>Manufacturer</b>	Bosch Rexroth
<b>Catalog number</b>	hdd022-w040n-hd32-01-fw
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Manufacturer</b>	Bosch Rexroth
<b>Part Number</b>	HDD02.2-W040N-HD32-01-FW
<b>Controller Family</b>	DIAX04
<b>Cooling Method</b>	Internal Air (Built-In Blower)
<b>Rated Current</b>	40 A
<b>Command Interface</b>	SERCOS
<b>Insulation Classification</b>	Class C
<b>Ambient Temperature Range</b>	5 to 45 °C
<b>Storage/Transport Temperature Range</b>	-30 to 85 °C
<b>Weight</b>	8 kg

### Description

The Bosch Rexroth HDD02.2-W040N-HD32-01-FW is a high-performance servo drive controller engineered for precise motion control in industrial automation applications. Designed for integration within the DIAX04 controller family, this model features an internal air cooling system with a built-in blower, ensuring stable performance even under demanding operating conditions. With a rated output of 40A, the HDD02.2-W040N-HD32-01-FW supports high-efficiency operation and is compatible with SERCOS interfaces for streamlined communication within complex production lines. The controller is supplied without firmware, which must be ordered separately to match specific application requirements. The robust construction and careful component selection make the HDD02.2-W040N-HD32-01-FW a dependable choice for production managers and project leaders who prioritize uptime and operational continuity.