

DIAX04 HDS**HDS02.2-W040N-HS32-01-FW****DIAX04 SERCOS Drive Controller****Verified product identity**

The full code specifies line 02, design 2, W cooling, 40 A current, DIAX04 family, SERCOS, function ID 32/version 01 and separately ordered firmware.

Verified specifications

Controller line / design	HDS02 / design 2
Rated-current code	40 A
Continuous current	20 A at 4 kHz; 15 A at 8 kHz
Cooling	Internal air with built-in blower
Command communication	SERCOS
Controller family	DIAX04
Function ID / version	32 / 01

Selection summary

Bosch Rexroth HDS02.2-W040N-HS32-01-FW is a 40 A DIAX04 configured drive controller with internal blower cooling and SERCOS communication.

APTER POWER

DIAX04 HDS**HDS02.2-W040N-HS32-01-FW****Additional verified specifications**

Power loss	125 W at continuous current
Signal-processing power demand	20 W from the ± 26 V source
Firmware scope	FW: firmware ordered separately
Place of shipment	Xiamen, Fujian, China
Dimensions	5.0 × 49.8 × 30.8 cm (W × H × D)
Weight	Approx. 6.5 kg

Installation and commissioning

- Preserve the complete HS32-01 function identity and module configuration
- Match SERCOS ring, DIAX04 supply unit and shared DC-bus architecture
- Order the approved firmware separately and restore the exact parameter set

Official applications

- DIAX04 machine-tool feed axes
- SERCOS-controlled printing and packaging machinery
- Robotics and handling systems with coordinated drives

Evidence boundary

Only manufacturer-supported model data is included. Separate modules, terminal blocks, chassis, cables, software and other accessories are excluded unless explicitly identified.

Source basis: the official model page, installation/user documentation and manufacturer product details identified in the delivery record.

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