

Product announcement

SINAMICS G110D and G110M to be phased-out

September 2021

On October 1, 2021 Siemens will publish a phase-out announcement for the following product families:

- SINAMICS G110D distributed drives and related accessories
- SINAMICS G110M distributed drives and related accessories
- SINAMICS G110M motor-integrated distributed drive

This means that Siemens will stop marketing and promoting such products, and distinct price increases and extended lead times may also occur.

The phase-out period will be one year and is intended to give users time to switch over to alternative products. Product cancellation is scheduled to be announced on October 1, 2022, at which point, these products will be moved to spare parts status.

IMPORTANT NOTE: To ensure full system operation, Siemens advises customers to replace SINAMICS G110D and G110M with their successor products from the SINAMICS G115D drive-motor series.

Markets are constantly requiring more performance and higher functionality from drive systems. Wherever a growing number of demands and deliveries must be handled in an increasingly scarce space, SINAMICS G115D comes into its own. The SINAMICS G115D is the new system of choice to address those requirements in the material handling, airports, automotive and food and beverage industries with specialized and dedicated features for conveyor technology applications.

The following articles are available at the Siemens Industry Online Support (SIOS) web-page and provide additional details for the affected article numbers as well as the alternative products from the SINAMICS G115D product family.

- SINAMICS G110D—[SIOS entry 109796702](#)
- SINAMICS G110M—[SIOS entry 109799753](#)

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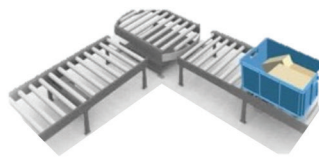
Applications and advantages of the SINAMICS G115D distributed drive system

The NEW SINAMICS G115D is more than just another drive—it is an optimally matched system solution consisting of a highly efficient geared motor and an innovative, low-profile drive with an array of new features that differentiates itself from its predecessors.

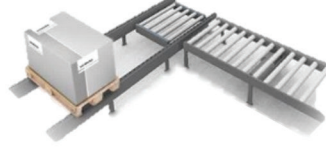
SINAMICS G115D provides users with innovative solutions for horizontal motion control applications such as conveyor belts, sorting systems, baggage and freight conveyor systems, warehouse and distribution logistics, mail sorting and parcel distribution. The system is optimized exclusively for energy and cost-efficiency.



Conveyor



Turntable / center turntable



Corner turntable lift



Traveling trolley

Applications



Intra-logistics

- Roller, belt and chain conveyors (with fixed or variable speed)
- Corner turntable
- Turntable
- Travelling trolley



Airports

- Baggage handling systems
- Tray-based conveyor lines/systems for baggage
- Cargo handling systems
- Sortation systems



Automotive

- Roll conveyors
- Turntable
- Travelling trolley



Food and Beverage

- Belt conveyors
- Roller conveyors
- Apron conveyors

Value-added topics

Seamless and simple

Out of the box	=	pre-commissioned from factory, 1 article number
Communication	=	integrated PROFINET, EIP, AS-I or I/O control
World motor	=	one winding for global main voltages

Cost-efficient

Flexible wiring	=	wide space, 3-side wiring possible (motor-mounted)
Energy efficient	=	asynchronous and reluctance motors usability
Grid-friendly	=	reduced harmonics and improved power factor

Robust and reliable

New flexible design	=	electronic + wiring module
Safety integrated	=	Safe Torque Off via F-DI or PROFIsafe
Temperature range	=	–30 to 55° C (deep freeze applications)

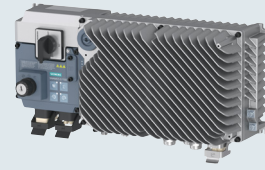
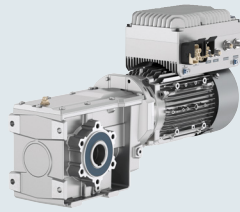
Dedicated to conveyors

One platform	=	for motor-mounted and wall-mounted versions
I/O variable assignment	=	for sensor and actuators
Fast commissioning	=	conveyor application wizards

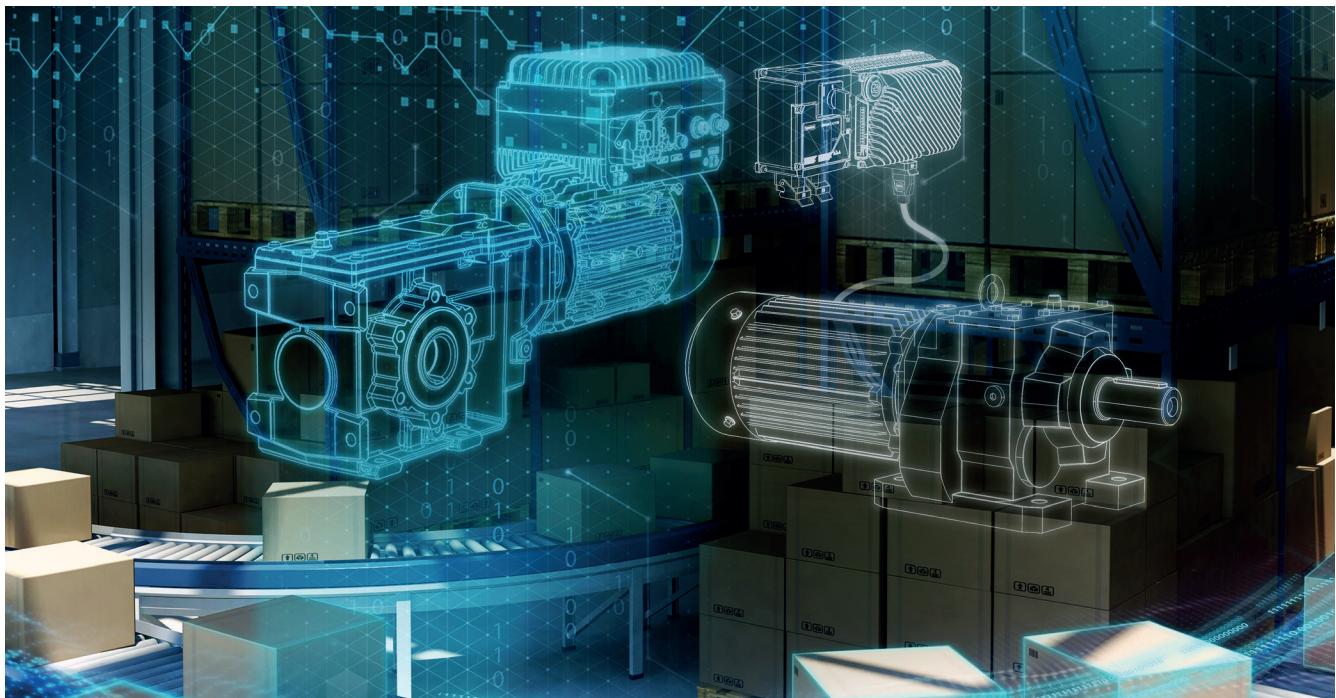
Fit for digitalization

TIA/Startdrive	=	fully integrated into powerful automation tool
Smart Access Module	=	web-server for setup and diagnostics
Analyze MyDrive	=	pulls and evaluates operation data in the cloud

Technical information



	SINAMICS G115D motor-mounted	SINAMICS G115D wall-mounted
Supply voltage and power range	3AC 380–480V: 0.37–4 kW/0.5–5 hp	3AC 380–480V: 0.37–7.5 kW/0.5–10 hp
EMC	EMC Category C2/removal of functional grounding (IT system) possible	
Degree of protection	IP55 (limited by motor) or optional IP65/UL rating follows geared motor (compact system)	IP65 (connector version) or IP66 (gland version)/UL type 4X
Cooling	Convection	Convection ≥ 4 kW with fan
Ambient temperatures	–30 to 40° C/to 55° C (> 40° C with derating)	
Motor cable length	—	15 m (EMC Category C2)
Motor control	U/f, FCC, ECO, SLVC sensorless vector control	
Overload capability	200% 3 s, 150% 57 s, every 300 s	
Inputs/outputs	4 DI, 2 DO (can also be used as DI), 1 F-DI (from 2DI), HTL-Encoder interface (from 2DI)	
Communication	PROFINET, EtherNet/IP, AS-I or IO controlled	



Versatile



Rugged



Distributed



DT Configurator



TIA Selection Tool

Tools and resources for easy selection

For more information about the NEW SINAMICS G115D drive-series, please visit:
usa.siemens.com/sinamics-g115d

Additional support resources for channel partners can also be found on the Drives page found on the Siemens Distributor Resource Center (DRC). System selection can be done via the TIA Selection Tool, DT-Configurator or Catalog D31.2N (March 2021 version, [SIOS ID: 109782422](#)).

Sizing and configuration via TIA Selection Tool (TST)

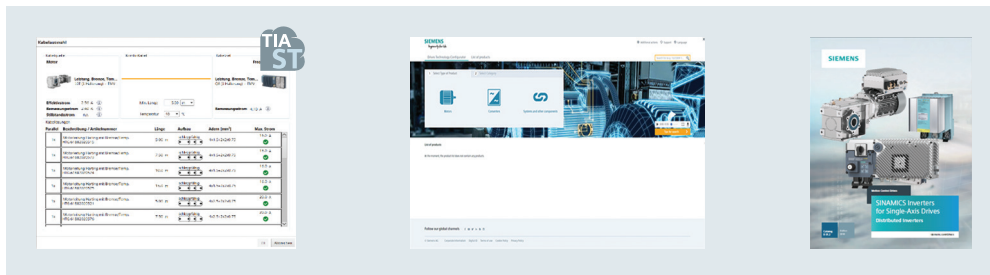
- Quick and easy guided system configuration and ordering process
- Integration of supplementary products (from Harting, Knorrtec)

Selection via DT-Configurator

- Allows efficient configuration of the system (drive + gear + motor)
- Integration of supplementary products (from Harting, Knorrtec)

Selection via Catalog D31.2

- Overview of product selection with technical specification and dimensions



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