SIEMENS

SINAMICS G120X

Master the elements with the infrastructure drive for pump, fan and compressor applications

usa.siemens.com/sinamics-g120x

Discover the new SINAMICS G120X

Simple to specify

Find the G120X that meets your every need with the online Drive Technology Configurator. It will help you select and configure the optimum drive products and components for your application.

- Choose gear units, motors, converters, controllers and connection systems
- Easy selection and ordering using one 16-digit number
- Preset to run IEC or NEMA motors of matching power rating

Quick integration, simple setup

The G120X is delivered with everything you need, ready to run a standard NEMA or IEC motor of matching power. Sets up easily with the Wi-Fi enabled Smart Access Module or IOP-2 high-resolution color keypad. It seamlessly integrates into your drive application—no training needed.

- Cable lengths up to 1,476 feet without filter
- Communication via PROFINET, EtherNet/IP™
- SINAMICS Connect 300 for cloud-based analytics using Analyze MyDrives

Reliable operations

Rugged and dependable, the G120X meets globally increasing customer requirements. Operational from -4° F to 140° F and stable under all network conditions via integrated DC link choke.

- Pump- and fan-specific functions reduce wear, eliminate breakage, increase uptime
- Class 3C2 coated boards standard; Class 3C3 for harsh environments optional
- Remote monitoring and diagnostics via optional Wi-Fi enabled Smart Access Module
- SD card backup streamlines restoring operations, replacements or expansions

Configured for resource-saving operation, the G120X specializes in controlling motors that pump water or propel air.

The G120X can be operated with any motor, but most effectively with synchronous-reluctance motors from Siemens.

The G120X is powerful, compact and reliably handles harsh environments thanks to robust protection.

SINAMICS G120X drives are less complex and more reliable, delivering improved performance for water, wastewater, irrigation, HVAC and other challenging infrastructure applications.

Published by
Siemens Industry, Inc.

5300 Triangle Parkway, Suite 100
Norcross, GA 30092

(770) 871-3800

Order No. DRBR-G120XGB-0319

Printed in USA
© 2019 Siemens Industry, Inc.

usa.siemens.com/motioncontrol

This brochure contains only general descriptions or performance features, which do not always apply in the manner described in concrete application situations or may change as the products undergo further development. Performance features are valid only if they are formally agreed upon when the contract is closed.

Siemens is a registered trademark of Siemens AG. Product names mentioned may be trademarks or registered trademarks of their respective companies. Specifications are subject to change without notice.