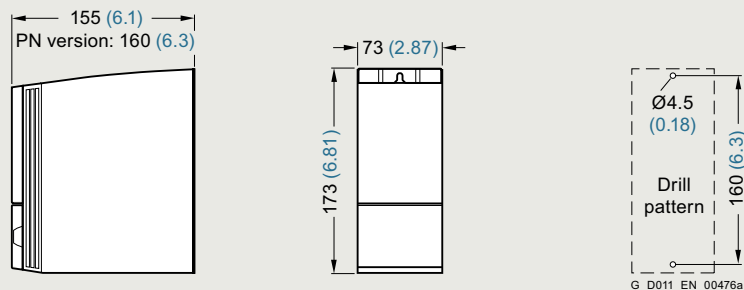


SINAMICS G120C compact converters

0.55 kW to 132 kW (0.75 hp to 150 hp)

SINAMICS G120C compact converters

Dimensional drawings



SINAMICS G120C, frame size FSAA

Mounted with 2 M4 bolts, 2 M4 nuts, 2 M4 washers.

When the shield plate is mounted, the drilling pattern is compatible with frame size FSA.

Ventilation clearance required at the top: 80 mm (3.15 inches).

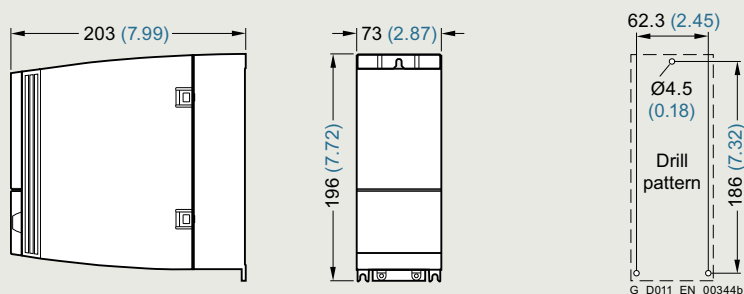
Ventilation clearance required at the bottom: 100 mm (3.94 inches).

Ventilation clearance required at the side: 0 mm (0 inches).

When the BOP-2/IOP-2 is plugged on, the overall depth increases by 11 mm (0.43 inches).

All dimensions in mm (values in brackets are in inches).

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SINAMICS G120C, frame size FSA

Mounted with 3 M4 bolts, 3 M4 nuts, 3 M4 washers.

Ventilation clearance required at the top: 80 mm (3.15 inches).

Ventilation clearance required at the bottom: 100 mm (3.94 inches).

Ventilation clearance required at the side: 0 mm (0 inches).

When the BOP-2/IOP-2 is plugged on, the overall depth increases by 11 mm (0.43 inches).

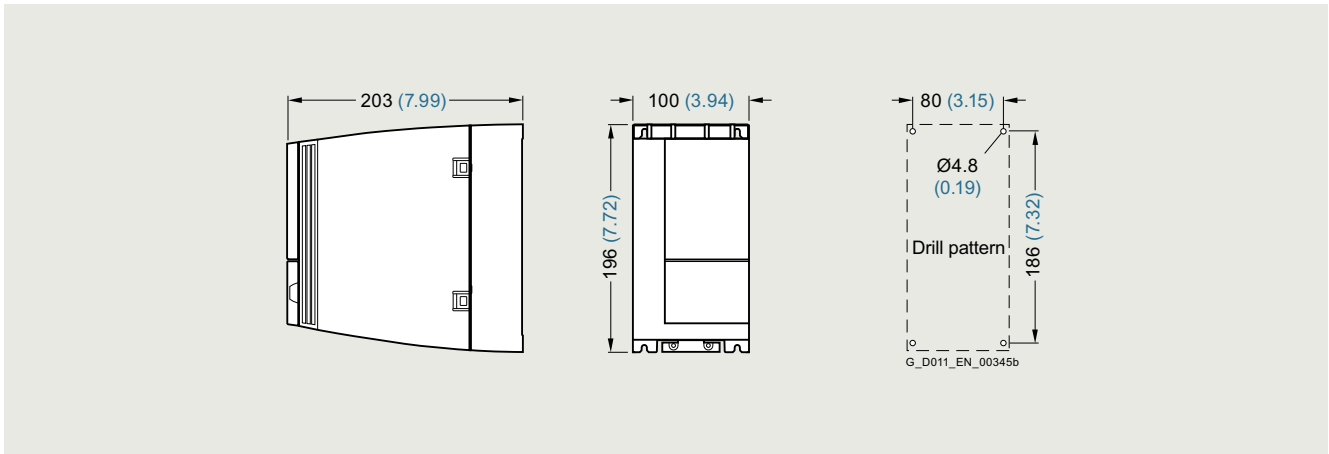
All dimensions in mm (values in brackets are in inches).

SINAMICS G120C compact converters

0.55 kW to 132 kW (0.75 hp to 150 hp)

SINAMICS G120C compact converters

Dimensional drawings



SINAMICS G120C, frame size FSB

Mounted with 4 M4 bolts, 4 M4 nuts, 4 M4 washers.

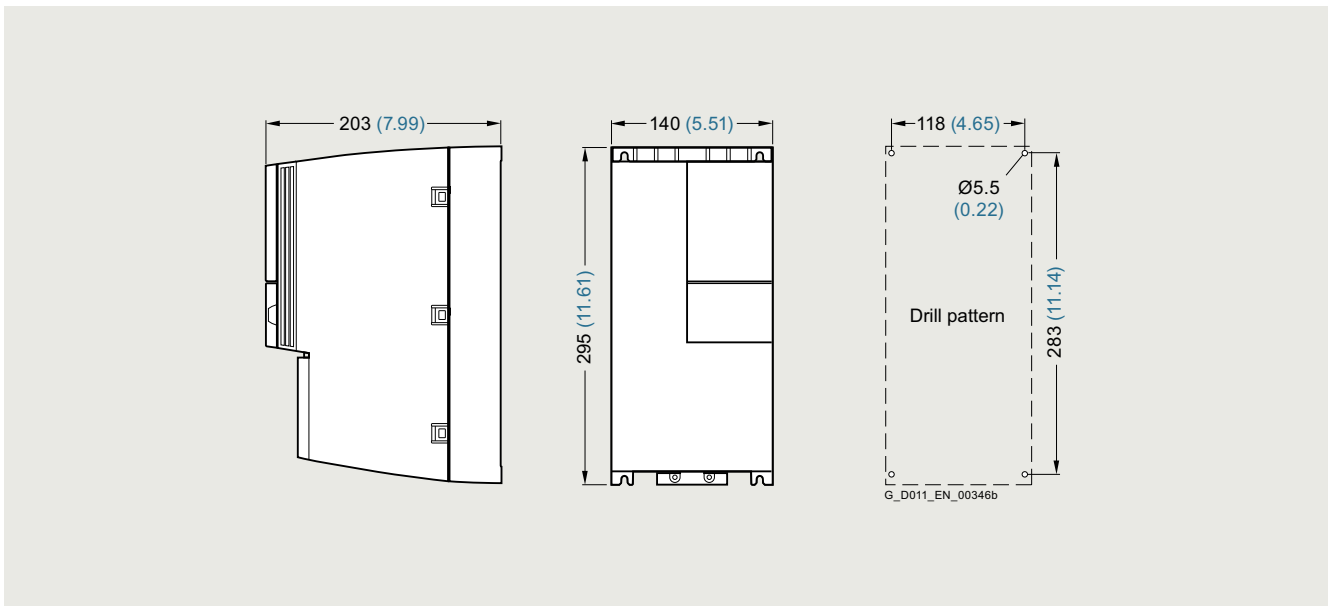
Ventilation clearance required at the top: 80 mm (3.15 inches).

Ventilation clearance required at the bottom: 100 mm (3.94 inches).

Ventilation clearance required at the side: 0 mm (0 inches).

When the BOP-2/IOP-2 is plugged on, the overall depth increases by 11 mm (0.43 inches).

All dimensions in mm (values in brackets are in inches).



SINAMICS G120C, frame size FSC

Mounted with 4 M5 bolts, 4 M5 nuts, 4 M5 washers.

Ventilation clearance required at the top: 80 mm (3.15 inches).

Ventilation clearance required at the bottom: 100 mm (3.94 inches).

Ventilation clearance required at the side: 0 mm (0 inches).

When the BOP-2/IOP-2 is plugged on, the overall depth increases by 11 mm (0.43 inches).

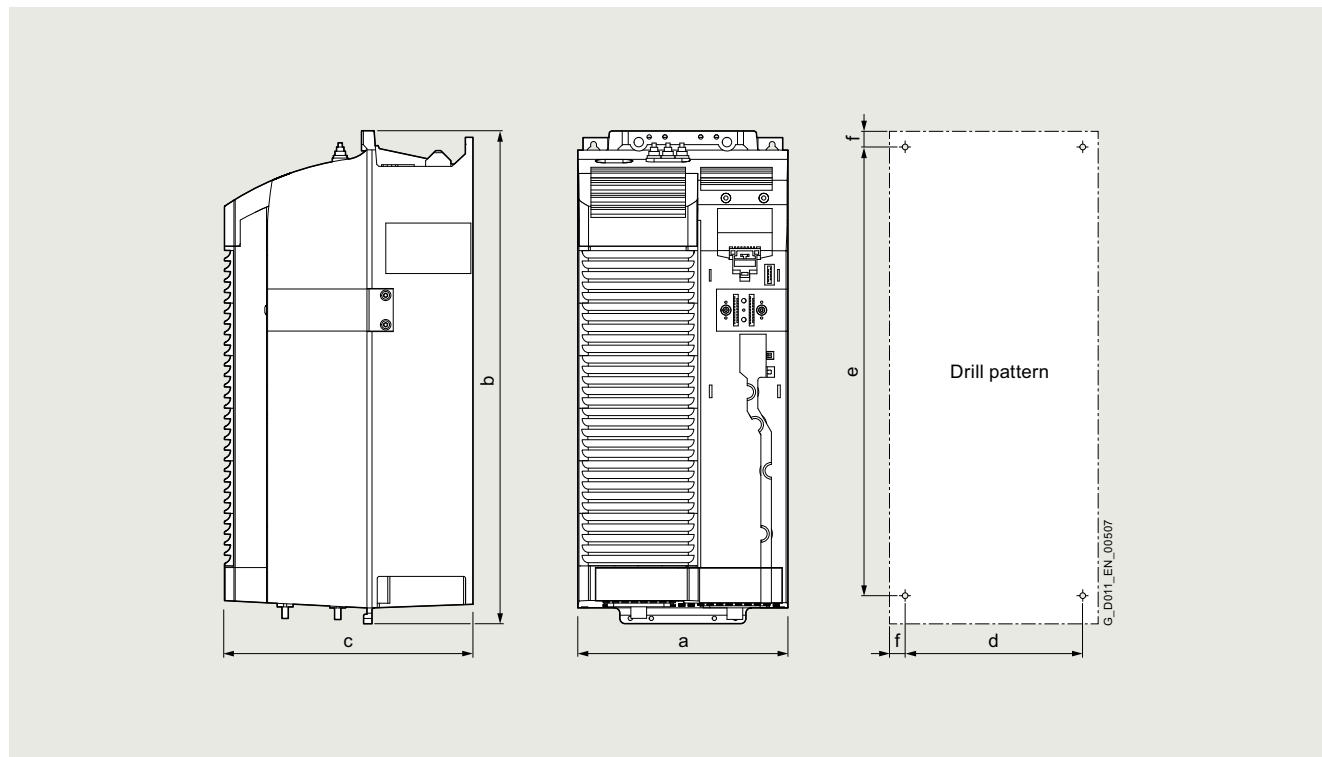
All dimensions in mm (values in brackets are in inches).

SINAMICS G120C compact converters

0.55 kW to 132 kW (0.75 hp to 150 hp)

SINAMICS G120C compact converters

Dimensional drawings



SINAMICS G120C frame sizes FSD to FSF

SINAMICS G120C Frame size	Dimensions in mm (inches)			Drilling dimensions in mm (inches)			Cooling clearance in mm (inches)			Mounting
	a (width)	b (height)	c (depth)	d	e	f	top	bottom	front	With bolts
FSD	200 (7.87)	472 (18.58)	237 (9.33)	170 (6.69)	430 (16.93)	15 (0.59)	300 (11.81)	350 (13.78)	100 (3.94)	4 × M5
FSE	275 (10.83)	551 (21.69)	237 (9.33)	230 (9.06)	509 (20.04)	11 (0.43)	300 (11.81)	350 (13.78)	100 (3.94)	4 × M6
FSF	305 (12.01)	708 (27.87)	357 (14.06)	270 (10.63)	680 (26.77)	13 (0.51)	300 (11.81)	350 (13.78)	100 (3.94)	4 × M8

When the BOP-2/IOP-2 is plugged on, the overall depth increases by 11 mm (0.43 inches).

More information

A hard copy of the Compact Operating Instructions is supplied for SINAMICS G120C. Further documentation, such as Operating Instructions and List Manuals, is available for download free of charge from the internet at:

www.siemens.com/sinamics-g120c/documentation

Detailed information on SINAMICS G120C, the latest technical documentation (brochures, tutorials, dimensional drawings, certificates, manuals and operating instructions) is available on the internet at:

www.siemens.com/sinamics-g120c

In addition, the Siemens Product Configurator can be used on the internet. The Siemens Product Configurator can be found in the Siemens Industry Mall at the following address:

www.siemens.com/spc

Furthermore, the SINAMICS SELECTOR app is a practical tool that helps you find article numbers for SINAMICS V20, SINAMICS V90, SINAMICS G120C, SINAMICS G120P, SINAMICS G120X, SINAMICS G120 and SINAMICS S210 converters in the output range from 0.1 kW to 630 kW quickly and easily. You will find the free downloads for Android and for iOS at the following link:

www.siemens.com/sinamics-selector