

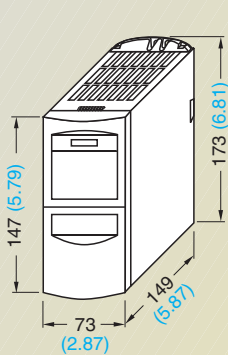
MICROMASTER 420

Dimension drawings

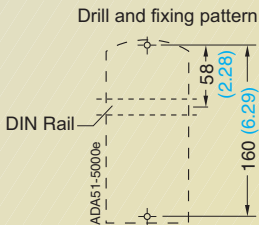
MICROMASTER 420 inverter

Frame size	1/3 AC 200 V to 240 V	3 AC 380 V to 480 V
A	0.12 kW to 0.75 kW	0.37 kW to 1.5 kW
B	1.1 kW to 2.2 kW	2.2 kW to 4 kW
C	3 kW to 5.5 kW	5.5 kW to 11 kW

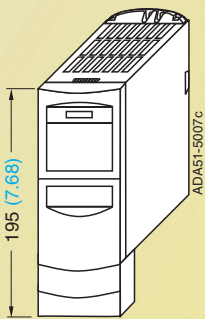
Note:
The inverters must not be mounted horizontally.
But the inverters can be mounted without lateral spacing.



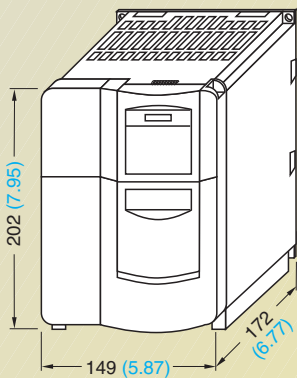
Inverter frame size A



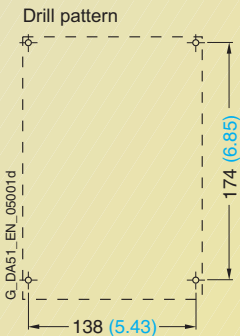
Fixing with
2 x M4 bolts, 2 x M4 nuts, 2 x M4 washers,
or snap onto the DIN rail
Tightening torque with washers fitted:
2.5 Nm
Ventilation clearance required at top and
bottom: 100 mm



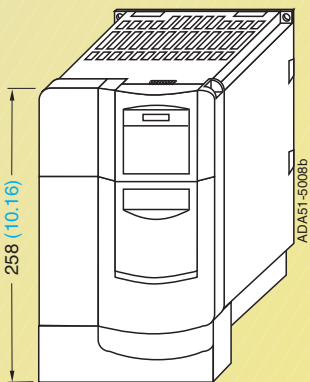
**Inverter frame size A
with gland plate**



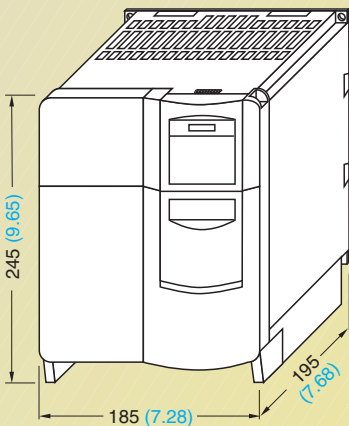
Inverter frame size B



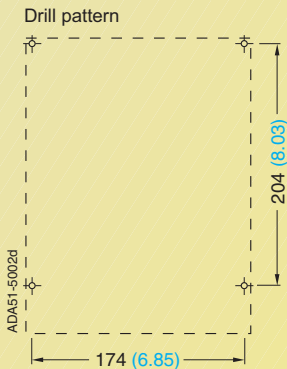
Fixing with
4 x M4 bolts, 4 x M4 nuts, 4 x M4 washers
Tightening torque with washers fitted:
2.5 Nm
Ventilation clearance required at top and
bottom: 100 mm



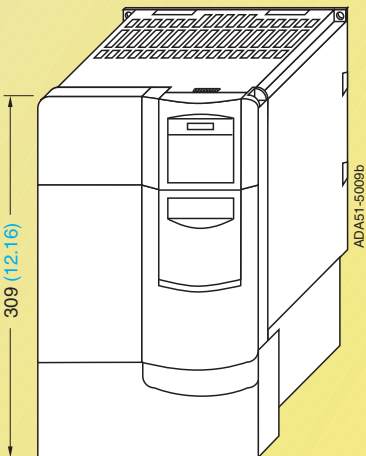
**Inverter frame size B
with gland plate**



Inverter frame size C



Fixing with
4 x M5 bolts, 4 x M5 nuts, 4 x M5 washers
Tightening torque with washers fitted:
3.0 Nm
Ventilation clearance required at top
and bottom: 100 mm

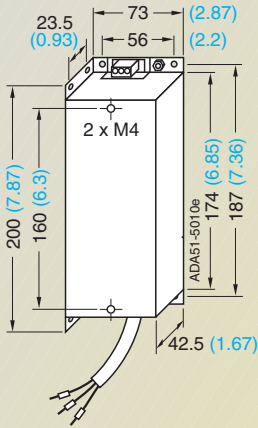


**Inverter frame size C
with gland plate**

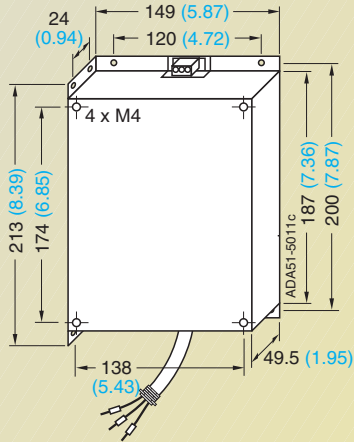
With the communications module, the mounting depth
increases by 23 mm (0.91 inches).

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

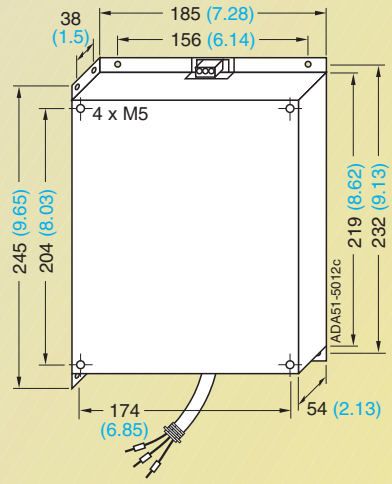
Filters and chokes



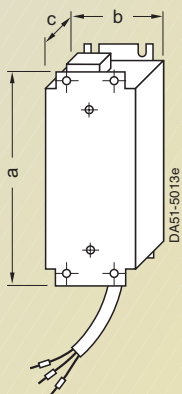
Filter frame size **A**



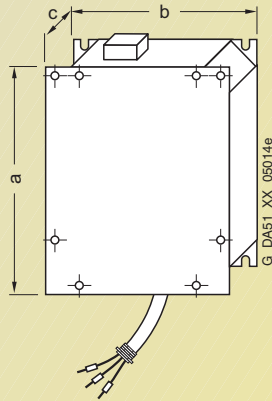
For frame size **B**



For frame size **C**

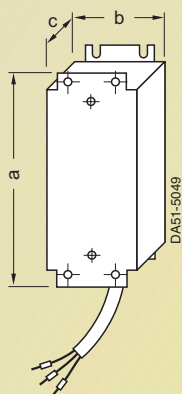


Line commutating choke
for frame size **A**

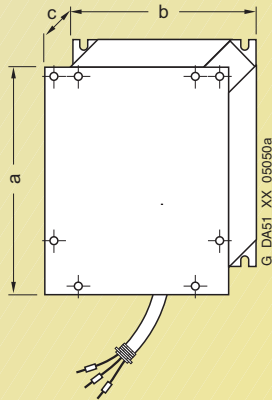


For frame sizes **B** and **C**

Line commutating choke for	Dimensions			Weight (max.) kg
	a	b	c	
Frame size A	200 (7.87)	75.5 (2.97)	50 (1.97)	0.8
Frame size B	213 (8.39)	150 (5.91)	50 (1.97)	1.3
Frame size C	280 (11.02)	185 (7.28)	50 (1.97)	2.3



Output choke
for frame size **A**
6SE6400-3TC00-4AD2
6SE6400-3TC00-4AD3



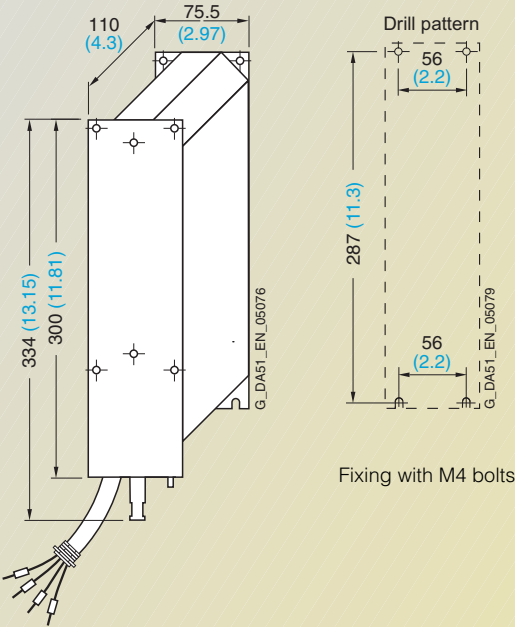
For frame sizes **B** and **C**
6SE6400-3TC01-0BD3
6SE6400-3TC03-2CD3

Output choke type 6SE6400-	Dimensions			Weight (max.) kg
	a	b	c	
3TC00-4AD2	200 (7.87)	75.5 (2.97)	110 (4.33)	1.95
3TC00-4AD3	200 (7.87)	75.5 (2.97)	50 (1.97)	0.8
3TC01-0BD3	213 (8.39)	150 (5.91)	70 (2.76)	3.4
3TC03-2CD3	245 (9.65)	185 (7.28)	80 (3.15)	5.6

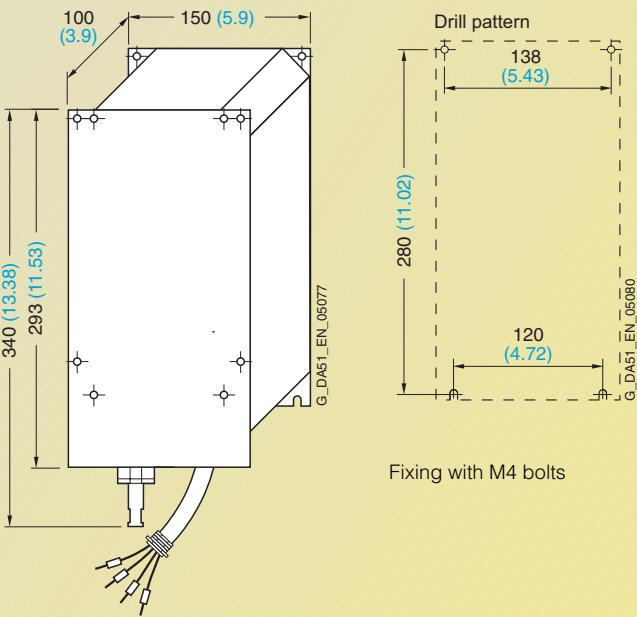
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Dimension drawings

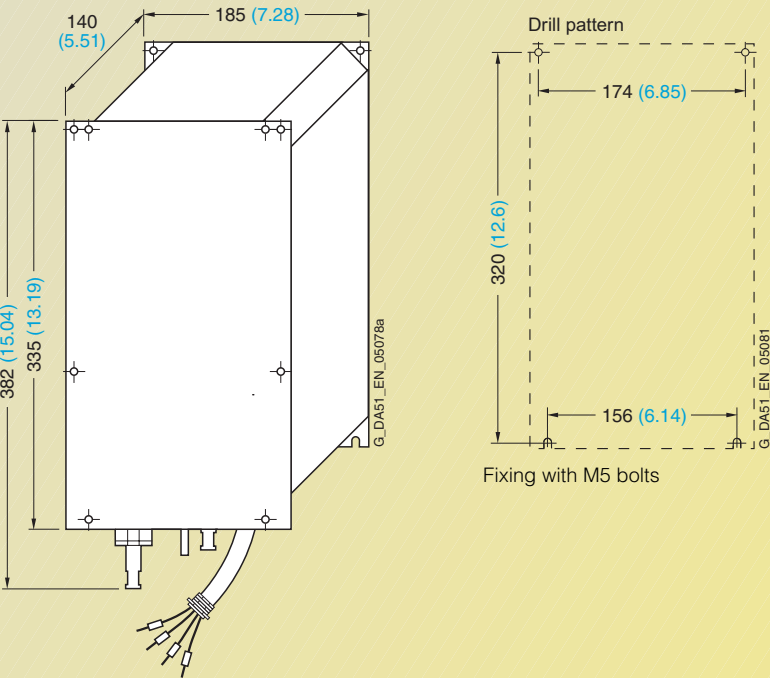
LC filter



LC filter for frame size A



LC filter for frame size B



LC filter for frame size C