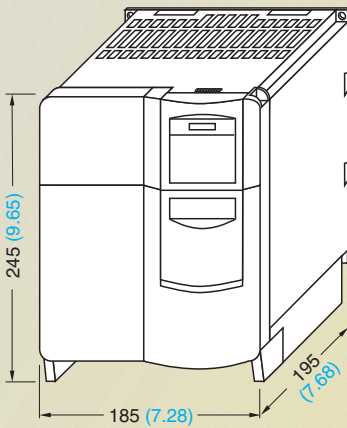


MICROMASTER 430 inverter

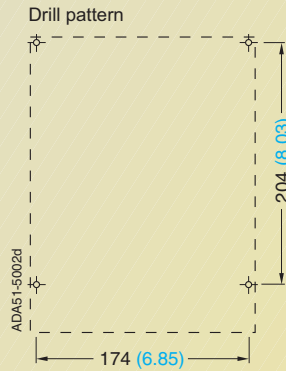
Frame size	3 AC 380 V to 480 V
C	7.5 kW to 15 kW
D	18.5 kW to 30 kW
E	37 kW to 45 kW

Note:

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



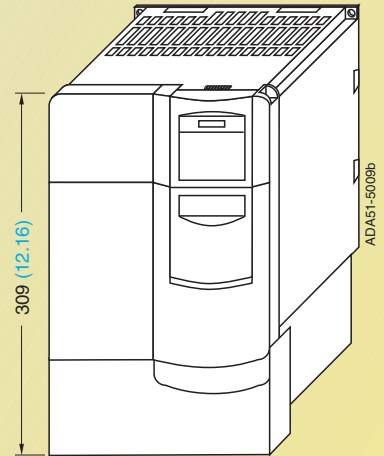
Inverter frame size **C**



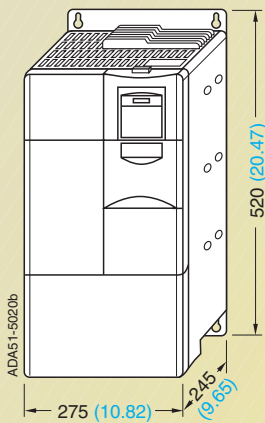
Fixing with
4 x M5 bolts
4 x M5 nuts
4 x M5 washers

Tightening torque with washers fitted:
3.0 Nm

Ventilation clearance required at top
and bottom: 100 mm



Inverter frame size **C**
with **gland plate**



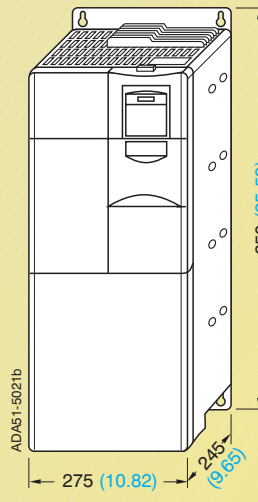
Inverter frame size **D**



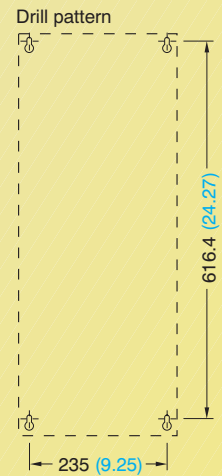
Fixing with
4 x M8 bolts
4 x M8 nuts
4 x M8 washers

Tightening torque with
washers fitted: 3.0 Nm

Ventilation clearance
required at top and bottom:
300 mm



Inverter frame size **E**



Fixing with
4 x M8 bolts
4 x M8 nuts
4 x M8 washers

Tightening torque with
washers fitted: 3.0 Nm

Ventilation clearance
required at top and bottom:
300 mm

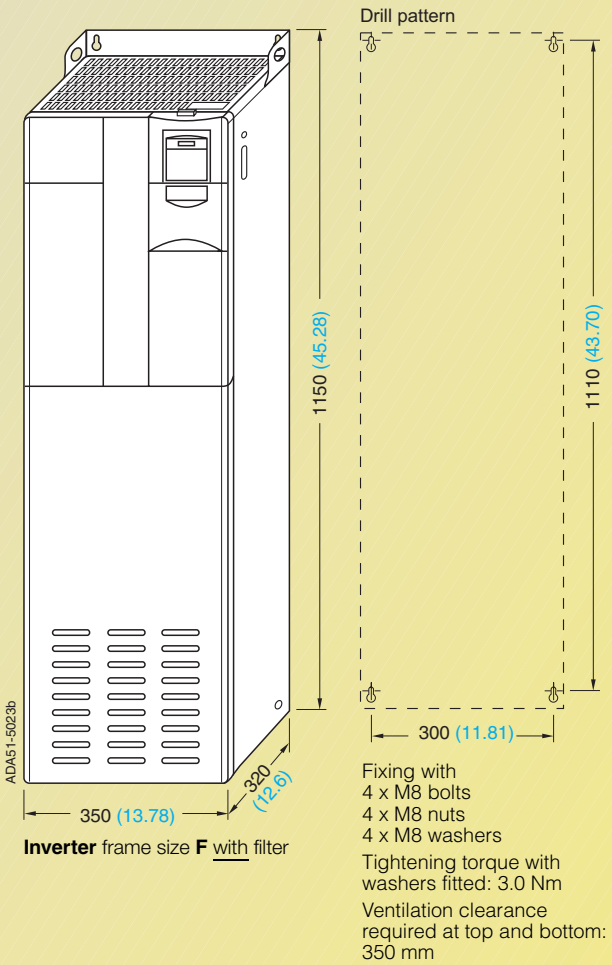
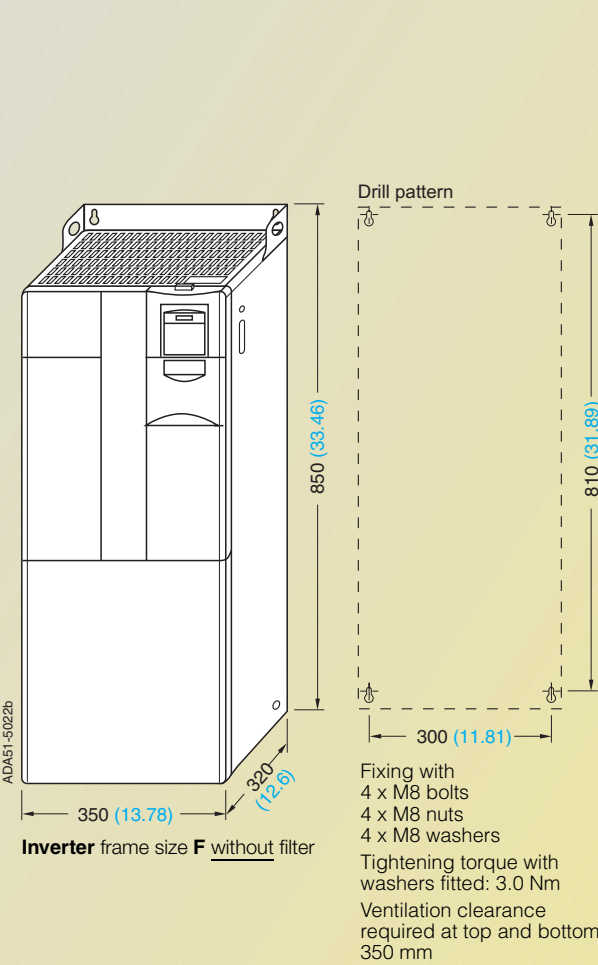
MICROMASTER 430

Dimension drawings

MICROMASTER 430 inverter

Frame size	3 AC 380 V to 480 V
F	55 kW to 90 kW

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

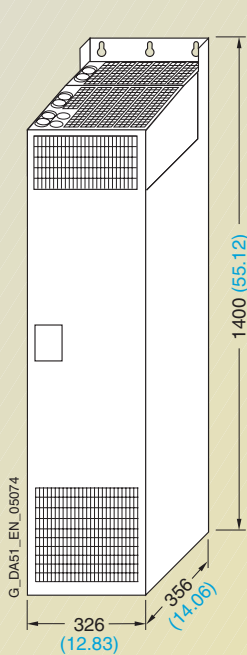


MICROMASTER 430 inverter

Frame size	3 AC 380 V to 480 V
FX	110 kW to 132 kW
GX	160 kW to 250 kW

Note:

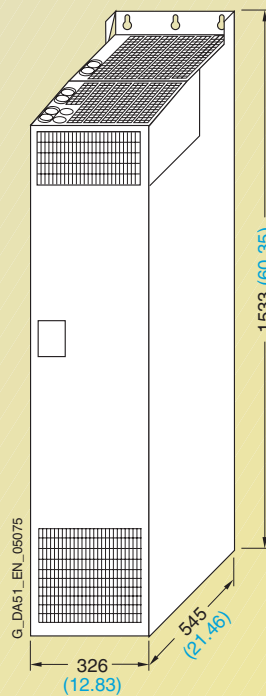
*The inverters must not be mounted horizontally.
But the inverters can be mounted without lateral spacing.*



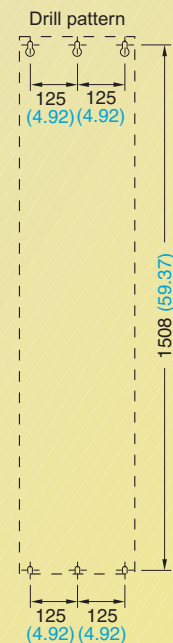
Inverter frame size FX



Fixing with
6 x M8 bolts
6 x M8 nuts
6 x M8 washers
Tightening torque
with washers
fitted: 13.0 Nm
Ventilation clearance
required:
at top: 250 mm
at bottom: 150 mm
in front: 40 mm



Inverter frame size GX

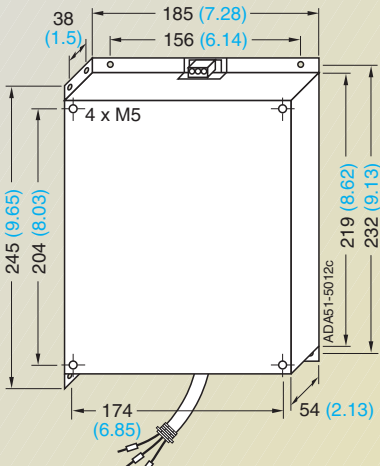


Fixing with
6 x M8 bolts
6 x M8 nuts
6 x M8 washers
Tightening torque
with washers
fitted: 13.0 Nm
Ventilation clearance
required:
at top: 250 mm
at bottom: 150 mm
in front: 50 mm

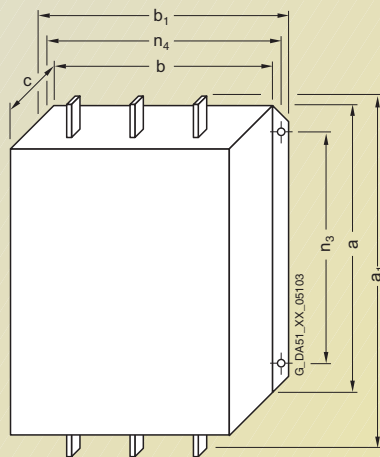
MICROMASTER 430

Dimension drawings

EMC filter



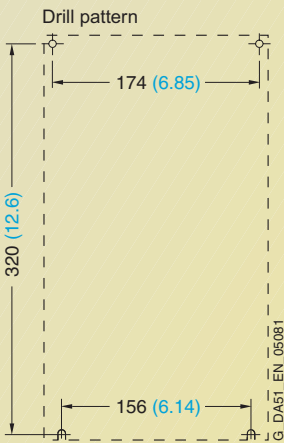
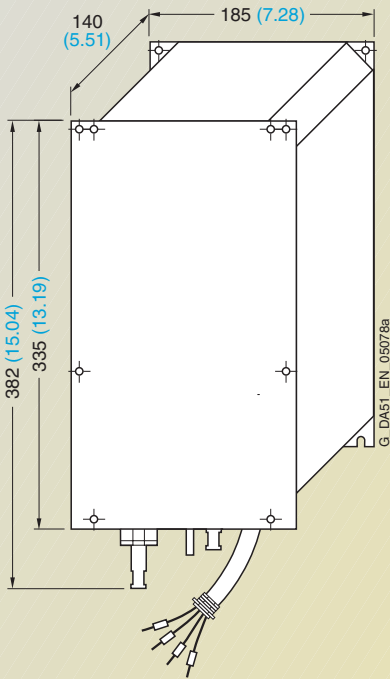
EMC filter for frame size C



EMC filter Class A Type 6SL3000-	for inverter Frame size (FS)	Dimensions							Weight, approx. kg
		a	a ₁	b	b ₁	c	n ₃	n ₄	
0BE32-5AA0	FX	270 (10.63)	360 (14.17)	200 (7.87)	240 (9.45)	116 (4.57)	210 (8.27)	220 (8.66)	12.3
0BE34-4AA0	FX/GX	270 (10.63)	360 (14.17)	200 (7.87)	240 (9.45)	116 (4.57)	210 (8.27)	220 (8.66)	12.3
0BE36-0AA0	GX	310 (12.2)	400 (15.75)	215 (8.46)	265 (10.43)	140 (5.51)	250 (9.84)	240 (9.45)	19.0

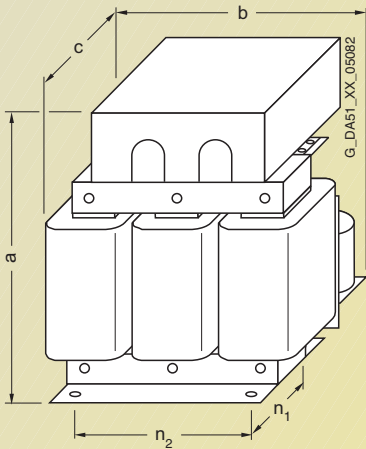
EMC filter for frame sizes FX and GX

LC filter



Fixing with M5 bolts

LC filter 6SE6400-3TD03-2CD0 for frame size C



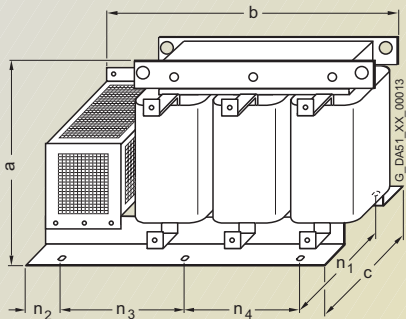
Fixing with M10 bolts

LC filter for frame sizes D to F

LC filter Type	for inverter Frame size (FS)	Dimensions				
		a	b	c	n ₁	n ₂
6SE6400-3TD03-7DD0	D	278 (10.94)	240 (9.45)	230 (9.06)	115 (4.53)	190 (7.48)
6SE6400-3TD04-8DD0	D	290 (11.42)	240 (9.45)	240 (9.45)	125 (4.92)	190 (7.48)
6SE6400-3TD06-1DD0	D	345 (13.58)	300 (11.81)	220 (8.66)	120 (4.72)	240 (9.45)
6SE6400-3TD07-2ED0	E	355 (13.98)	300 (11.81)	235 (9.25)	145 (5.71)	240 (9.45)
6SE6400-3TD11-5FD0	E/F	460 (18.11)	360 (14.17)	235 (9.25)	125 (4.92)	264 (10.39)
6SE6400-3TD15-0FD0	F	460 (18.11)	360 (14.17)	250 (9.84)	140 (5.51)	264 (10.39)
6SE6400-3TD18-0FD0	F	520 (20.47)	420 (16.54)	290 (11.42)	173 (6.81)	316 (12.44)

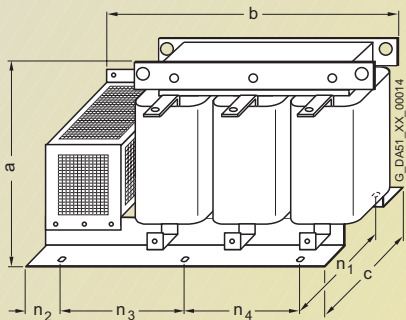
Dimension drawings

Sinusoidal filter



Sinusoidal filter for frame sizes **FX** and **GX**

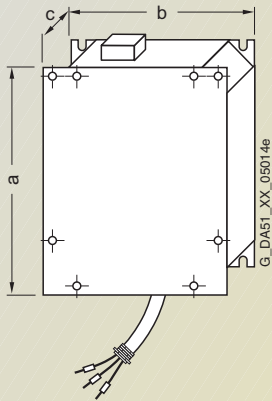
Sinusoidal filter Type 6SL3000-	for inverter Frame size (FS)	Dimensions							Weight (max.) kg
		a	b	c	n ₁	n ₂	n ₃	n ₄	
2CE32-3AA0	FX	300 (11.81)	620 (24.41)	320 (12.6)	280 (11.02)	105 (4.13)	225 (8.86)	150 (5.91)	135.0
2CE32-8AA0	GX	300 (11.81)	620 (24.41)	320 (12.6)	280 (11.02)	105 (4.13)	225 (8.86)	150 (5.91)	138.0



Sinusoidal filter for frame size **GX**

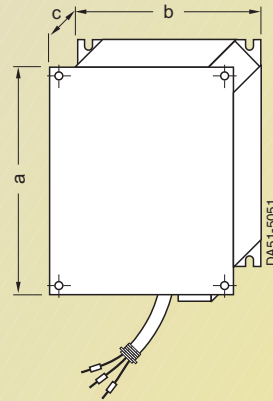
Sinusoidal filter Type 6SL3000-	for inverter Frame size (FS)	Dimensions							Weight (max.) kg
		a	b	c	n ₁	n ₂	n ₃	n ₄	
2CE33-3AA0	GX	370 (14.57)	620 (24.41)	360 (14.17)	320 (12.6)	105 (4.13)	225 (8.86)	150 (5.91)	144.0
2CE34-1AA0	GX	370 (14.57)	620 (24.41)	360 (14.17)	320 (12.6)	105 (4.13)	225 (8.86)	150 (5.91)	208.0

Line commutating chokes



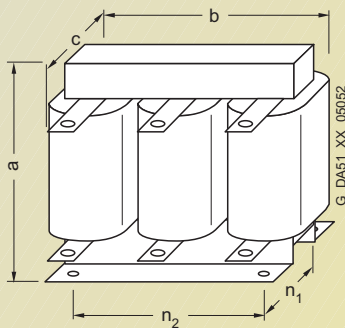
Line commutating choke for	Dimensions			Weight (max.) kg
	a	b	c	
Frame size C	280 (11.02)	185 (7.28)	50 (1.97)	2.3

Line commutating choke for frame size **C**



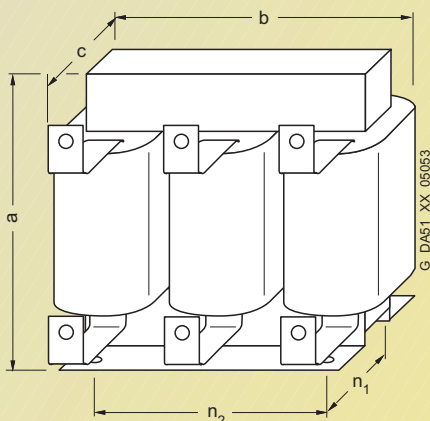
Line commutating choke for	Dimensions			Weight (max.) kg
	a	b	c	
Frame size D	520 (20.47)	275 (10.83)	85 (3.35)	9.5
Frame size E	650 (25.59)	275 (10.83)	95 (3.74)	17.0

Line commutating choke for frame sizes **D** and **E**



Line commutating choke for inverter frame size **F**

Line commutating choke Type 6SE6400-	for inverter Frame size	Dimensions					Weight (max.) kg
		a	b	c	n ₁	n ₂	
3CC11-....	F	228 (8.98)	240 (9.45)	141 (5.55)	95 (3.74)	185 (7.28)	25.0

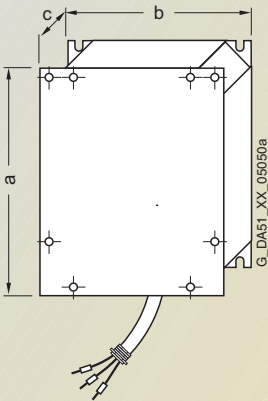


Line commutating choke for inverters of frame sizes **FX** and **GX**

Line commutating choke Type 6SL3000-	for inverter Frame size (FS)	Dimensions					Weight (max.) kg
		a	b	c	n ₁	n ₂	
0CE32-....	FX	248 (9.76)	255 (10.04)	203 (7.99)	101 (3.98)	200 (7.87)	24.0
0CE33-....	GX	248 (9.76)	255 (10.04)	203 (7.99)	101 (3.98)	200 (7.87)	25.0
0CE35-....	GX	269 (10.59)	275 (10.83)	210 (8.27)	118 (4.65)	224 (8.82)	35.0

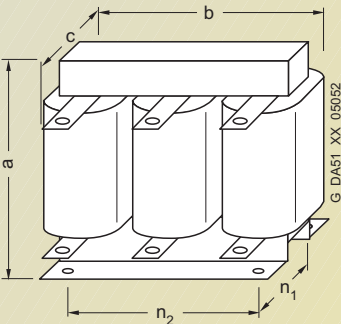
Dimension drawings

Output chokes



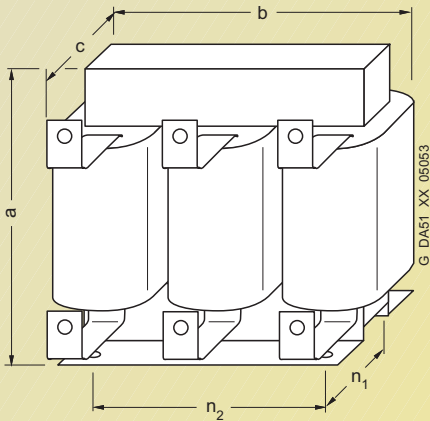
Line commutating choke
for frame size **C**

Output chokes for	Dimensions			Weight (max.) kg
	a	b	c	
Frame size C	245 (9.65)	185 (7.28)	80 (3.15)	5.6



Output chokes
for inverters of size **D, E and F**

Output choke Type 6SE6400-	for inverter Frame size (FS)	Dimensions			n ₁ (to DIN 41308)	n ₂	Weight (max.) kg
		a	b	c			
3TC03-8DD0	D	210 (8.27)	225 (8.86)	179 (7.05)	94 (3.70)	176 (6.93)	16.1
3TC05-4DD0	D	210 (8.27)	225 (8.86)	150 (5.91)	70 (2.76)	176 (6.93)	10.7
3TC07-5ED0	E	248 (9.76)	270 (10.63)	209 (8.23)	101 (3.98)	200 (7.87)	24.9
3TC08-0ED0	E	210 (8.27)	225 (8.86)	150 (5.91)	70 (2.76)	176 (6.93)	10.4
3TC14-5FD0	F	321 (12.64)	350 (13.78)	288 (11.34)	138 (5.43)	264 (10.39)	51.5
3TC15-4FD0	F	248 (9.76)	270 (10.63)	209 (8.23)	101 (3.98)	200 (7.87)	24.0



Output chokes
for inverters of size **FX and GX**

Output choke Type 6SL3000-	for inverter Frame size (FS)	Dimensions			n ₁	n ₂	Weight (max.) kg
		a	b	c			
2BE32-1AA0	FX	285 (11.22)	300 (11.81)	257 (10.12)	163 (6.42)	224 (8.82)	60.0
2BE32-6AA0	FX	315 (12.4)	300 (11.81)	277 (10.91)	183 (7.2)	224 (8.82)	66.0
2BE33-2AA0	GX	285 (11.22)	300 (11.81)	257 (10.12)	163 (6.42)	224 (8.82)	62.0
2BE33-8AA0	GX	285 (11.22)	300 (11.81)	277 (10.91)	183 (7.2)	224 (8.82)	73.0
2BE35-0AA0	GX	365 (14.37)	300 (11.81)	277 (10.91)	183 (7.2)	224 (8.82)	100.0