



Main

Product or component type	Sinus filter
Range compatibility	Altivar 61 Altivar 71
Product specific application	Output filter
[In] rated current	66 A
Thermal losses	180 W at 100 Hz
Product compatibility	ATV61HD11M3X ATV61HD15M3X ATV61HD18N4 ATV61HD22N4 ATV61HD30N4 ATV61WD18N4 ATV61WD18N4C ATV61WD22N4 ATV61WD22N4C ATV61WD30N4 ATV61WD30N4C ATV71HD11M3X ATV71HD15M3X ATV71HD18N4 ATV71HD22N4 ATV71HD30N4 ATV71WD18N4 ATV71WD22N4 ATV71WD30N4
Switching frequency	4...8 kHz
Output frequency	0...100 Hz
Maximum permissible voltage	500 V AC

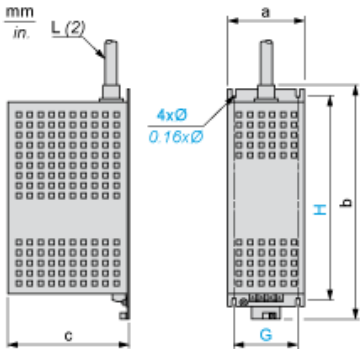
Complementary

Motor cable length	≤ 1000 m P motor 18.5...30 kW at 400 V
Electrical connection	Terminal, connection capacity: 25 mm ² (AWG 2) 4 N.m
Voltage drop at rated load	< 10 %
Max current	1.5 x nominal current for 60 s
Product weight	45 kg

Environment

IP degree of protection	IP20
Environmental characteristic	3S1 conforming to IEC 721-3-3 3C2 conforming to IEC 721-3-3 3B1 conforming to IEC 721-3-3
Pollution degree	2 conforming to EN 50178
Vibration resistance	1.5 mm peak to peak (f = 3...13 Hz) conforming to IEC 60068-2 1 gn (f = 13...200 Hz) conforming to IEC 60068-2
Shock resistance	15 gn for 11 ms conforming to IEC 60068-2-27
Relative humidity	≤ 95 %
Ambient air temperature for operation	-10...40 °C without current derating > 40...50 °C with current derating 1.5 % per °C
Ambient air temperature for storage	-40...65 °C
Operating altitude	1000...3000 m with current derating 1 % per 100 m ≤ 1000 m without current derating

Dimensions



(2) Length of the cable integrated in the sinus filter

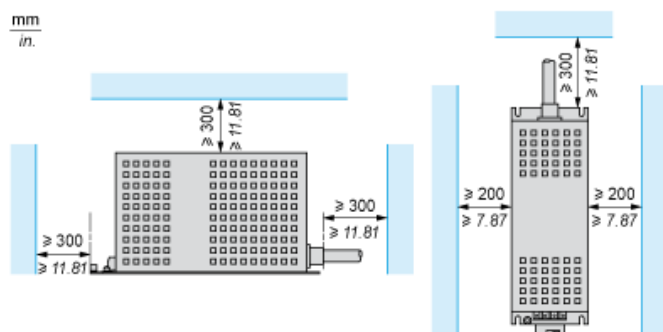
Dimensions in mm

a	b	c	G	H	Ø	L (2)
210	650	280	160	530	8.6	1500

Dimensions in in.

a	b	c	G	H	Ø	L (2)
8.27	25.59	11.02	6.30	20.87	0.34	59.05

Mounting Recommendations



Sinus filters emit considerable heat and must not be placed underneath the drive