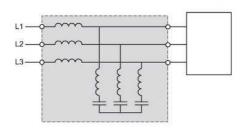
## Product data sheet Characteristics

## VW3A4669

# passive filter - 180 A - 460 V - for variable speed drive



Main		
Product or component type	Passive filter	
Product specific application	Reduction of current harmonics	

### Complementary

Range compatibility	Altivar 61 Altivar 71	
[Us] rated supply voltage	480 V (+/- 10 %)	
Power supply frequency	60 Hz (tolerance: +/- 5 %)	
Quantity per drive	1 filter per drive for ATV71HC11N4 1 filter per drive for ATV61HC11N4 1 filter per drive for ATV71HD90N4 1 filter per drive for ATV61WD90N4C 1 filter per drive for ATV61WD90N4 1 filter per drive for ATV61HD90N4	
[In] rated current	180 A	
Network number of phases	3 phases	
THDI	5 % for ATV71HC11N4 ATV71H motor: 110 kW / 150 hp 5 % for ATV61HC11N4 ATV61H motor: 110 kW / 150 hp 5 % for ATV71HD90N4 ATV71H motor: 90 kW / 125 hp 5 % for ATV61WD90N4C ATV61W motor: 90 kW / 125 hp 5 % for ATV61WD90N4 ATV61W motor: 90 kW / 125 hp 5 % for ATV61HD90N4 ATV61H motor: 90 kW / 125 hp	
Max current	1.5 x nominal current	
Efficiency	98 %	
Cos phi	0.99 at 100 % of line current 0.85 at 75 % of line current 1 at 150 % of line current	
Electrical connection	Bare wires, $\emptyset$ = 16.5 mm	
Electrical insulation class	Class F	
Product weight	151 kg	

#### Environment

IP degree of protection	IP20	
Relative humidity	585 % without condensation	
Ambient air temperature for operation	540 °C without current derating > 4055 °C with current derating 3 % per °C	
Ambient air temperature for storage	> -2555 °C	
Operating altitude	> 10004000 m with current derating 5 % per 1000 m <= 1000 m without current derating	