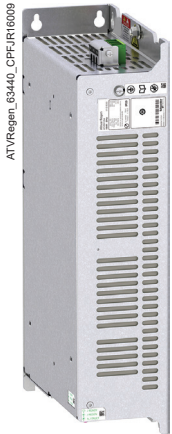


Variable speed drives

Altivar Machine ATV340

Option: ATV Regenerative units



ATVRD15N4



ATVRU75N4

Presentation

The main function of the ATV Regen product is to provide an option to regenerate energy back to the AC supply for heavy braking applications such as material working, material handling, and hoisting with easy configuration.

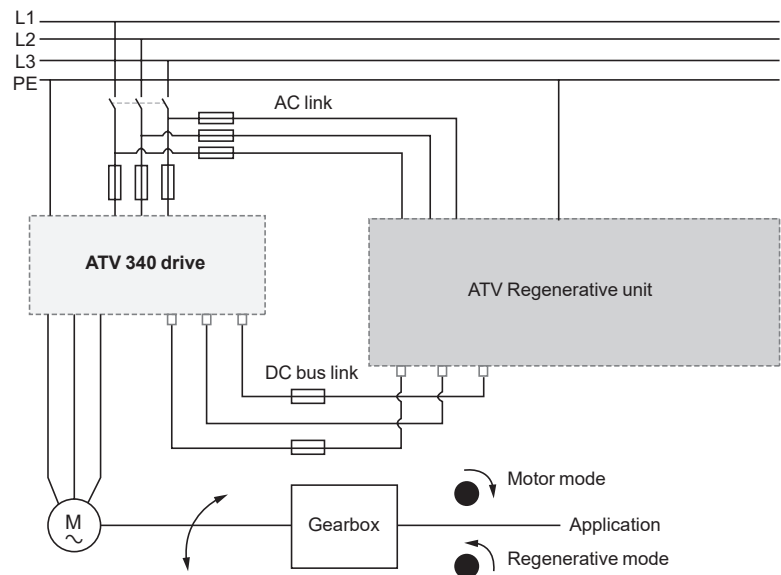
This option should be associated with Altivar drives in the 400 V series such as Altivar 340. The braking unit harmonic performance is the same as that of standard drives.

Features:

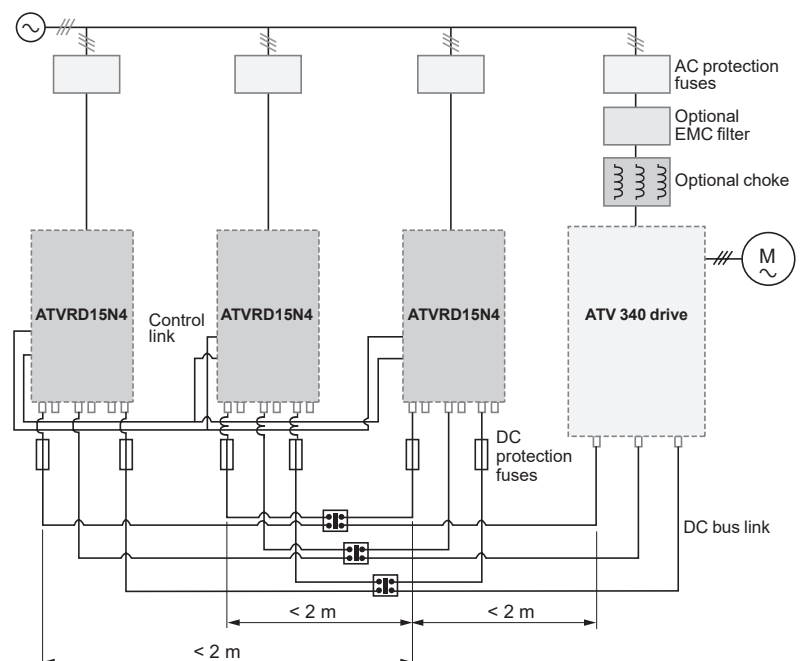
- Chemical class 3C3 conforming to IEC/EN 60721
- Mechanical class 3S2 conforming to IEC/EN 60721
- -10..50 °C/14...122 °F without derating, up to 60 °C/140 °F with derating
- Mechanical class 3S2 conforming to IEC/EN 60721
- Built in EMC filter comply with standard IEC 61800-3

Wiring concept

Generic wiring



One drive for several Regenerative units

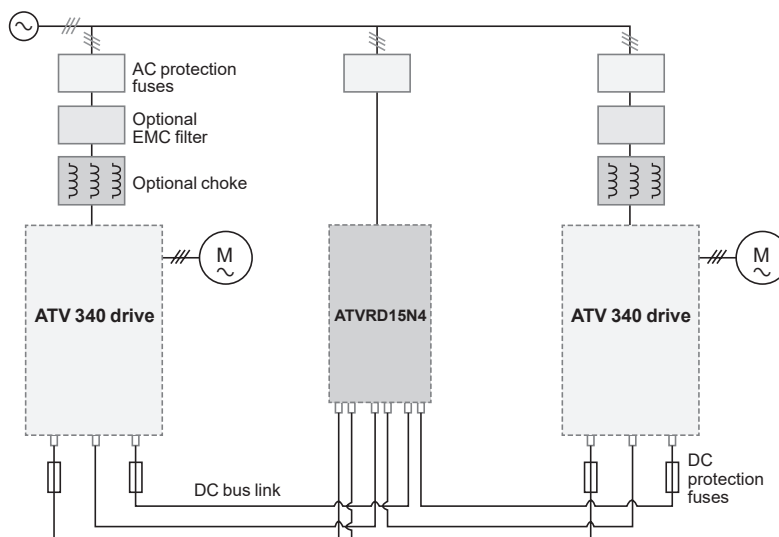




[Click to download
Altivar Regenerative Unit: Sizing Tool](#)

Wiring concept (continued)

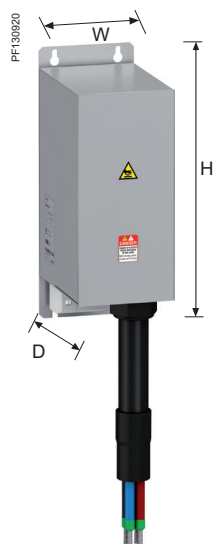
Several drives with one Regenerative unit



References

For drives (1)	IP	Regenerative unit reference	Weight kg/ lb
Supply voltage: 380...480 V 50/60 Hz			
ATV340U07...D22N4● ATV340D30...D37N4E	20	ATVRU75N4	6.000/ 13.228
ATV340D11...D22N4● ATV340D30...D75N4E	20	ATVRD15N4	11.500/ 25.353

(1) For sizing, refer to the [Altivar Regenerative Unit User Manual](#).



ATV Regenerative units

Overall dimensions

ATV Regenerative units	W x H x D	
	mm	in.
ATVRD15N4	105 x 399 x 235	4.13 x 15.71 x 9.25
ATVRU75N4	80 x 337 x 175	3.15 x 13.27 x 6.89

Additional EMC filters

Overall dimensions

EMC filters	W x H x D	
	mm	in.
VW3A4422	107 x 195 x 42	4.21 x 7.68 x 1.65
VW3A4423	140 x 235 x 50	5.51 x 9.25 x 1.97
VW3A4706	120 x 340 x 180	4.72 x 13.39 x 7.09
VW3A4707	130 x 395 x 240	5.12 x 15.55 x 9.45
VW3A4708	200 x 445 x 320	7.87 x 17.52 x 12.60
VW3A4711	90 x 285 x 170	3.54 x 11.22 x 6.69
VW3A4712	100 x 330 x 180	3.94 x 12.99 x 7.09

Line chokes

Overall dimensions

Motor chokes	W x H x D	
	mm	in.
VW3A4551	100 x 135 x 60	3.94 x 5.31 x 2.36
VW3A4552	130 x 155 x 90	5.12 x 6.10 x 3.54
VW3A4553	130 x 155 x 90	5.12 x 6.10 x 3.54
VW3A4554	155 x 170 x 135	6.10 x 6.69 x 5.31
VW3A4555	180 x 210 x 165	7.09 x 8.27 x 6.50
VW3A4556	270 x 210 x 180	10.63 x 8.27 x 7.09

dv/dt filters

Overall dimensions

dv/dt filters	W x H x D	
	mm	in.
VW3A5301	295 x 535 x 215	11.61 x 21.06 x 8.17
VW3A5302	295 x 535 x 215	11.61 x 21.06 x 8.17
VW3A5303	295 x 535 x 215	11.61 x 21.06 x 8.17
VW3A5304	300 x 560 x 245	11.44 x 21.32 x 9.35
VW3A5305	300 x 610 x 245	11.44 x 23.09 x 9.35
VW3A5306	380 x 350 x 235	14.57 x 13.77 x 12.43

Common mode filters

Overall dimensions

Common mode filters	W x H x D	
	mm	in.
VW3A5501	66 x 119.2 x 66	2.60 x 4.69 x 2.60
VW3A5502	66 x 163.8 x 66	2.60 x 6.45 x 2.60
VW3A5503	127.5 x 161 x 127.5	5.02 x 6.34 x 5.02
VW3A5504	127.5 x 210 x 127.5	5.02 x 8.27 x 5.02