

Variable speed drives

Altivar Process ATV900

Three-phase supply voltage: 380...440 V 50/60 Hz

Floor-standing drives without braking unit

PF 15/206



ATV930C16N4F

380...440 V (-15...10%) IP21 drives - Floor standing without braking unit

Motor		Line supply				Altivar Process			
Power indicated on rating plate (1)		Line current (2)		Apparent power	Maximum prospective line Isc	Maximum continuous current (1)	Maximum transient current for 60 s	Reference	Weight
		380 V	400 V	400 V					
ND:	Normal duty (3)								
HD:	Heavy duty (4)								
kW	HP	A	A	kVA	kA	A	A		kg/lb
With category C3 integrated EMC filter (5)									
ND 110	—	207	195	135	50	211	253	ATV930C11N4F	300/661
HD 90	—	174	164	113	50	173	260		
ND 132	—	250	232	161	50	250	300	ATV930C13N4F	300/661
HD 110	—	207	197	136	50	211	317		
ND 160	—	291	277	192	50	302	362	ATV930C16N4F	300/661
HD 132	—	244	232	161	50	250	375		
ND 200	—	369	349	242	50	370	444	ATV930C20N4F	400/881
HD 160	—	302	286	198	50	302	453		
ND 250	—	453	432	299	50	477	572	ATV930C25N4F	400/882
HD 200	—	369	353	244	50	370	555		
ND 315	—	566	538	373	50	590	708	ATV930C31N4F	400/882
HD 250	—	453	432	299	50	477	716		

(1) These values are given for a nominal switching frequency of 2.5 kHz for use in continuous operation.

The switching frequency is adjustable for all ratings.

Above 2.5 kHz, the drive will automatically reduce the switching frequency in the event of an excessive temperature rise. For continuous operation above the nominal switching frequency, derate the nominal drive current (see derating curves in the [Installation Manual](#)).

(2) Typical value for the indicated motor power and for the maximum prospective line Isc.

(3) Values given for applications requiring a slight overload (up to 120%).

(4) Values given for applications requiring a significant overload (up to 150%).

(5) Integrated motor chokes allowing a shielded motor cable length up to 300 m/984 ft in category C3 and an unshielded cable length up to 450 m/1,476 ft in category C4.

Note: Consult the summary tables of possible drive, option, and accessory combinations (see [page 2/18](#)).