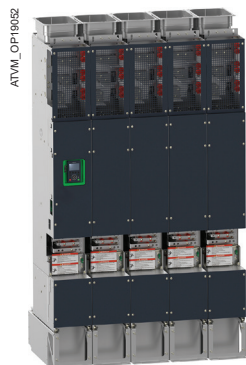


Variable speed drives

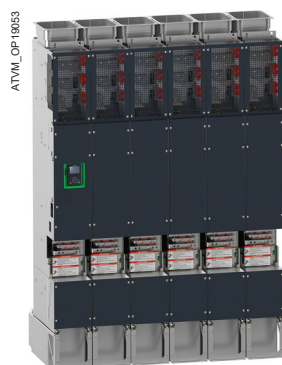
Altivar Process ATV900

Modular drives

Three-phase supply voltage: 690 V 50/60 Hz



ATV9A0M10Q6



ATV9A0M12Q6

690 V (-15...10%) IP00 Standard Modular drives ⁽¹⁾

Motor			Line supply			Altivar Process		
Power indicated on rating plate (2)			Line current (3)	Apparent power	Maximum prospective line Isc	Maximum continuous current (2)	Max. transient current for 60 s	Reference (4)
			690 V	690 V				
ND:	Normal duty							
HD:	Heavy duty							
	kW	HP	A	kVA	kA	A	A	
Altivar Process Modular for demanding applications								
THDi ≤ 48% at 100% load in Normal duty								
ND	110	—	118	141	50	125	150	ATV9A0C11Q6
HD	90	—	100	120	50	105	158	
ND	132	—	138	165	50	145	174	ATV9A0C13Q6
HD	110	—	118	141	50	125	188	
ND	160	—	163	195	50	175	210	ATV9A0C16Q6
HD	132	—	138	165	50	145	218	
ND	200	—	200	239	50	215	258	ATV9A0C20Q6
HD	160	—	163	195	50	175	263	
ND	250	—	255	305	50	275	330	ATV9A0C25Q6
HD	200	—	211	252	50	215	323	
ND	315	—	316	378	50	340	408	ATV9A0C31Q6
HD	250	—	255	305	50	275	413	
ND	400	—	394	471	50	425	510	ATV9A0C40Q6
HD	315	—	316	378	50	340	510	
ND	500	—	495	592	50	520	624	ATV9A0C50Q6
HD	400	—	401	479	50	425	638	
ND	630	—	615	735	50	650	780	ATV9A0C63Q6
HD	500	—	495	592	50	520	780	
ND	800	—	776	927	50	830	996	ATV9A0C80Q6
HD	630	—	619	740	50	650	975	
ND	1,000	—	969	1,158	50	1,030	1,236	ATV9A0M10Q6
HD	800	—	779	931	50	830	1,245	
ND	1,200	—	1,161	1,388	50	1,230	1,476	ATV9A0M12Q6
HD	1,000	—	971	1,160	50	1,030	1,545	

⁽¹⁾ Integrated motor chokes allowing a shielded motor cable length up to 300 m/984 ft in category C3.⁽²⁾ These values are given for a nominal switching frequency of 2.5 kHz for use in continuous operation.

The switching frequency is adjustable from 2 to 4.9 kHz 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. Contact your APM partner for more information.

⁽³⁾ Typical value for the indicated motor power and for the maximum prospective line Isc.⁽⁴⁾ These references are built by combining sub-assemblies and accessories that are integrated by Altivar Process Modular Program members. Contact your APM partner for more information on possible single drive architectures.**Note:** Altivar Process Modular Standard drives can be designed as Reduced Height versions for integration in cabinets with a height of 1.6 m/5.25 ft. Contact your APM partner for more information.