

Jaguar VXG Series

High Performance Dual Rated AC Variable Speed Drives

3Ø, 400V/50~60Hz, 0.4~630kW (CT)

3Ø, 400V/50~60Hz, 0.4~710kW (VT)

IMO



- User configurable quick-start menu
- IP20 side-by-side mounting (IP40)
- Intergrated EMC filter (EN61800-3 2004 cat C3)
- PLC logic type function
- RoHS, CE, UL, cUL compliant
- V/F, Torque Vector and closed loop control
- 200% starting torque between 0.3Hz
- Improved open-loop low-speed stability
- Enable input safety switch
- Mechanical brake control output - torque generated
- PID with Dancer control
- PTC thermistor input
- Input and Output phase-loss protection
- Loss-of-command signal detection
- Thermostatically operated long-life cooling fans (designed to operate for 10 years at 40°C)
- Life time / service due alarm output
- Standard Keypad with mini USB port.
- Optional multi-function back-lit keypad with parameter COPY mode
- Encoder feedback (close-loop) and shaft-synchronizing options
- Synchronous (Permanent Magnet) motor options
- Internal brake chopper up to 22kW (30-110kW upon request)



Specifications and Dimensions

Power supply voltage	Inverter type	Motor Rating (CT)	Motor Rating (VT)	Main body external dimensions (mm)		
				Width	Height	Depth
Three Phase 400V	VXG1A5-4E	0.4	-	110	260	130
	VXG2A5-4E	0.75	-			145
	VXG4A-4E	1.5	-			
	VXG5.5A-4E	2.2	-			
	VXG9A-4E	4	-			
	VXG16A5L-4E	5.5	7.5	220	195	
	VXG23AL-4E	7.5	11			
	VXG30A5L-4E	11	15			
	VXG37AL-4E	15	18.5	250		
	VXG45AL-4E	18.5	22			
	VXG60AL-4E	22	30			
	VXG75AL-4E	30	37	326.2	550	261.3
	VXG91AL-4E	37	45			
	VXG112AL-4E	45	55	361.2	615	276.3
	VXG150AL-4E	55	75		675	
	VXG176AL-4E	75	90			
	VXG210AL-4E	90	110	535.8	740	321.3
	VXG253AL-4E	110	132			
	VXG304AL-4E	132	160	536.4	1000	366.3
	VXG377AL-4E	160	200			
	VXG415AL-4E	200	220			
	VXG520AL-4E	220	280	686.4		
	VXG650AL-4E	280	315			
	VXG740AL-4E	315	355			
VXG840AL-4E	355	400	880	1400	440	
VXG960AL-4E	400	500				
VXG1170AL-4E	500	630				
VXG1370AL-4E	630	710	1000	1550	500	