

Goodrive18 Series Two-in-one VFD



Two in one



Book-shaped
structure



Dual DSP



Optional keypad



Independent
air duct



Certification

Applications



Textile



Fountain

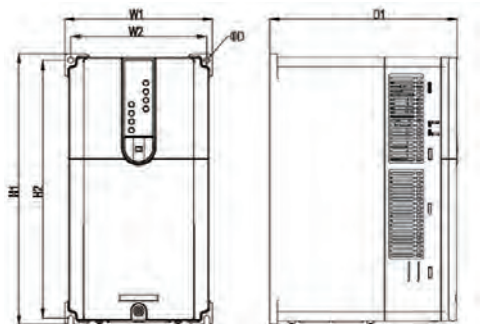


Stone

Technical parameters

Function		Specifications
Technical control performance	Control mode	SVPWM; SVC
	Motor type	Asynchronous motor (AM)
	Speed ratio	Asynchronous motor: 1: 200 (in SVC)
	Speed control accuracy	±0.2% (in SVC)
	Speed fluctuation	± 0.3% (in SVC)
	Torque response	<20ms (in SVC)
	Torque control accuracy	10% (in SVC)
	Starting torque	Asynchronous motor: 0.5Hz/150% (in SVC)
	Overload capacity	150%: 60s; 180%: 10s; 200%: 1s (carrier frequency in working conditions: 4K)
	Fault protection	More than 30 functions to protect against faults, including overcurrent, overvoltage, undervoltage, overtemperature, and overload
	Restart with rotational-speed tracking	N/A
	Relay output	2, with NO and NC contacts RO1A (NO), RO1B (NC), RO1C (common terminal) RO2A (NO), RO2B (NC), RO2C (common terminal) Contact capacity: 3A/AC250V, 1A/DC30V
Braking unit		None
EMC filter		Support for external connection to the optional C3 filter, meeting IEC61800-3 C3 requirements

Type Selection



Model	Rated power (kW)	Input current (A)	Output current (A)	Dimension (W1*H1*D1)/mm
GD18-0R7-4-2	0.75	7	2.5	107.5*195.3*164.5
GD18-1R5-4-2	1.5	10	4.2	
GD18-2R2-4-2	2.2	12	5.5	
GD18-004-4-2	4	25	9.5	138*224*190
GD18-5R5-4-2	5.5	32	14	
GD18-7R5-4-2	7.5	40	18.5	



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