

DA SERIES

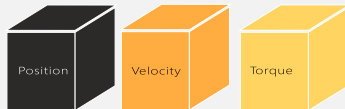
AC SERVO DRIVE

Designed for servomotors

Low cost servomotor drive

Optional Mode

Supporting Torque, Velocity or Position mode



- 1) Input Pulse control
- 2) Position digital given
- 3) Position analog given
- 4) Speed digital given
- 5) Speed analog given
- 6) Torque digital given
- 7) Torque analog given

Easy to use

Friendly user interface PC software

optimized for best performance
Oscilloscope function
Easy to save the parameters and copy
Remote control through the internet

Cost effective

Full Featured Servo Drive
High-performance low-cost digital servo drive
Supporting Current, Velocity or Position mode

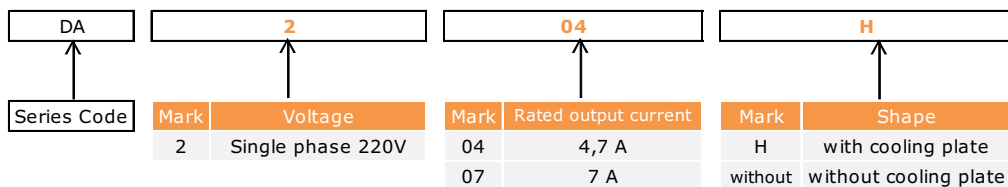
More Torque for Less Money
Feedforward control Function
Well-matched with any poles motor
Well-matched with any ppr encoder

Custom desing

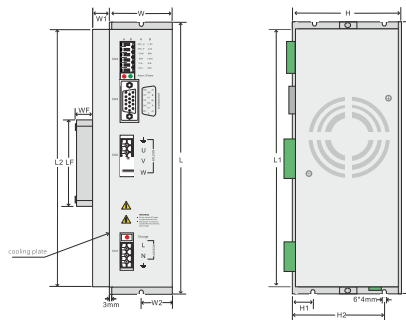
Configure your Drive reference by our nomenclature

Nomenclature	Power	Current
DA204/DA204H	750W	4,7A
DA207/DA207H	1kW	7A

Example of Driver's nomenclature: DA204H



Dimensions



DA series

Model	W (mm)	W1 (mm)	W2 (mm)	WF (mm)	H (mm)	H1 (mm)	H2 (mm)	L (mm)	L1 (mm)	L2 (mm)	LF (mm)
DA204	50	No	23,5	No	78	14	64	205	193	No	No
DA207	50	No	23,5	No	78	14	64	205	193	No	No
DA204H	50	15,2	23,5	No	78	14	64	205	193	193	No
DA207H	50	15,2	23,5	12	78	14	64	205	193	193	65



DA AC servo drive

Basic parameters	Input voltage	Single phase AC 220V
	Voltage/Frequency	Voltage $\pm 15\%$, frequency 50/60Hz
	Output power range	750W - 1000W
	Cooling	Natural air cooling
	Feedback	Incremental photoelectric encoder multiplexed data line encoder
	Control Method	Field oriented control and SWPWN (space vector modulation)
	Operate method	Position control; speed control; torque control
Position	Following error	± 1 Pulse
	Input pulse	Pulse + Direction
	Max.Pulse input frequency	< 500k PPS
	Electronic Gear ratio	Electronic gear ratio A/B (1/65535<A/B<65535)
	Position complete width setting	0-10000 Pulse
	Smoothing strategy	Position slope
	Precision	1/10000
	Control source	Pulse, communication, analog voltage
Speed control	Max Speed	5000 rpm
	Min Speed	1 rpm
	Speed accuracy	1 rpm
	Smoothing strategy	Speed slope
	Control source	Communication
Torque control	Control source	Communication
I/O signal	Position output	A phase, B phase, Z phase and differential signaling output
	Terminal output	Servo ready, alarm, motor zero, motor brake control
	Pulse input	5V differential signal input
	Terminal input	Servo start, reset, forward position limit, reverse position limit
Monitor		Bus voltage, temperature, output current, speed, etc.
Oscilloscope function		U/V phase output current, given/feedback current, given/feedback
Malfunction info display		Over current, over voltage, undervoltage, overload, over temper
communication		RS232
Display		LED
Compatible loaded inertia		5 times less than motor inertia
Weight		1,34 kg
Dimension		205mm*78mm*50mm
Ambient conditions	Working temperature	0-40 °C
	Storage temperature	-10-70 °C
	Humidity	5%-95%
	Protection class	IP 20
	Place requirement	Dry and free from dust
	Mounting	Vertical or horizontal
	Altitude	Under 1000m
	Atmospheric pressure	86kpa-106kpa