

## 1.2 Servo drive specifications

		mode	SDD04	SDD08	SDD13	SDD20	SDD50
Basic specifications	Maximum current(A)		10.7	10.7	12.7	18.0	25.0
	Power supply		single phase AC170~253V				
	Cooling method		50/60Hz				
	Control method		Natural cooling/ fan Cooling ?				
	Encoder		SVPWM control				
	Protection function		Provincial line or incremental encoder				
	display and operation		Six of seven-segment display LED: four function keys				
Internal functions	Control model		position control / speed trial run / jog run /internal positioning PLC function/RS485 communication/ speed/ torque				
	Braking function		Internally installed				
	Protection function		Under voltage, over voltage, over load, over current, encoder exception, braking, position error etc.				
Position control model	Command control model		External pulse				
	External command pulse input	Form	pulse+ direction cw/ccw A/B orthogonality				
		Maximum frequency	Differential motion:1MHZ open collector: 200KHZ				
	Electronic gear ratio		1~32767/1~32767				
	Speed control range		speed ratio: 1:5000				
	Speed rate of change		Speed fluctuation ratio: <math>\leq \pm 0.03</math> ( load 0 ~ 100% ) . <math>\leq \pm 0.05</math> (power-15%~+10%)				
	Command smooth way		Linear time constant 1 ms~10000ms (0r/min<math>\longleftrightarrow</math>1000r/min)				
	frequency characteristic		300HZ				
input / output signal	location signal output	output type	ABZ phase line drive output/ Z open collector output				
		Frequency division ratio	1/225~1Frequency division				
	input signal	7 points photoelectric isolation input	Input point can be defined as any 21kinds, see parameter settings				