

CP 300 Series

Mid-range printing mechanisms for various applications

Specifications

CP305

CP324

Print method	Thermal	Thermal
Number of dots	576	576
Resolution (dots/mm)	8	8
Printing width (mm)	72 / 2x33	72 / 2x33
Paper width (mm)	80 / 2x 39	80 / 2x 39
Max. paper thickness (µm)	80	80
Paper loading	Automatic	Automatic
Printing speed (mm/s)	75	120
Paper detection	Opto sensor	Opto sensor
Temperature detection	Thermistor	Thermistor
Head-up or Cover-open detection	Switch	Switch
Voltage range (Logic Head)	5 ± 5% V 4.2-8.5 V	5 ± 5% V 18-26.5 V
Dot resistance (Ohm)	176 ± 3%	1500 ± 3%
Energy per dot (mJ)	0.31	0.25
Stepper motor (Ohm)	Bipolar (13)	Bipolar (150)
Weight (g)	135	150
Life/reliability	100km/100M pulses	100km/100M pulses
Operating temperature (°C)	-10 to 60 non cond.	-10 to 60 non cond.
Operating humidity (%)	10 to 90 non cond.	10 to 90 non cond.
Dimensions (WxDxH mm)	120x55x20	120x55x20



80 mm
2 x 39 mm

Features

- Compact but very rugged design (20 mm high, only 120 mm wide and 55 mm deep)
- Front or bottom paper loading
- Available as a two station option with paper roll widths of 2x39
- 24V printer features up to 120 mm/s printing speed

Applications

- Cash registers
- EFT POS
- Fiscal printers
- Gaming and lottery
- Measuring instruments and analysers
- Medical equipment
- Ticketing
- Weighing scales

Options

- Chip Set
- CSM05/24
- Cutter
- Rewinder
- Controller Board