



DP-420 / 430

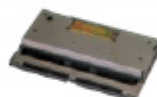
Paper roll
76mm

- 76mm paper width
- 24V operation

- 3.0 lines/sec speed printing
- 2 color printing

Accessories

Auto cutter



ACS-234

Cutting method	Slide cutting
Paper width	50 — 89mm
Paper thickness	0.06 — 0.15mm
Max. cutting frequency	20 cuts/min
Voltage	24V ±10%
Current (peak)	0.8A
Operating temperature	0 — 45°C
Size	102 × 55.7 × 15mm
Weight	180g
Reliability	500,000 cuts
Number of tab left	Full cut blade type: None Partial cut blade type: None or 1 tab

Paper winder

AW-2FA

Ink ribbon cartridge



IR-41B, RB

Specifications

Model	DP-420	DP-430
Printing method	Serial impact dot matrix	
Printing direction	Bi-directional	
Printing speed	Approx. 3.0 lines/sec	
Number of columns	42 columns, 189 dots/line	
Font	7 × 7 matrix	7 × 9 matrix
Number of wires	7 pins	9 pins
Character size (W × H)	1.31 × 2.4mm	1.31 × 3.1mm
Character pitch	1.52mm	
Line spacing	4.23 or 2.82mm (1/6 or 1/9 inch) / Minimum 1.41mm (1/18 inch)	
Motor	Voltage: 24V ±5% V DC / Current: Peak Approx. 1A / Average less than 0.2A	
Reset pulse sensor	Photo interrupter	
Dot pulse sensor	Photo interrupter	
Home position sensor	Photo interrupter	
Paper out sensor	Photo interrupter	
Black mark sensor (option)	Photo interrupter	
Printing solenoid	Voltage: 24V ±5% V DC / Resistance: 17Ω (25°C)	
Printing feed solenoid	Voltage: 24V ±5% V DC / Resistance: 34Ω (25°C)	
Color change solenoid	Voltage: 24V ±5% V DC / Resistance: 34Ω (25°C)	
Connecting method	FFC or FPC cable	
Paper feeding	Friction feed or sprocket feed	
Printing paper	Friction feed: 76 ±0.5 × ø83mm	
Copy	Friction feed: original + 1 copy	
Ink ribbon cartridge	Two colors (Red and Black), Single color (Black)	
Paper feeding speed	Approx. 28 lines/sec	
External dimensions (W×D×H)	120 × 90 × 45mm	
Weight	Approx. 470g	
Operating temp. range	0 ~ 50°C	
Storage temp. range	-20 ~ 70°C	
Reliability	Mechanism: MCEF 2.5 million lines / Head: 80 million characters	

Type Classification

DP-320 D F V *

1) 2) 3) 4) 5)

1) Type

320: 58mm paper width
330: 76mm paper width

2) Ribbon

D: 2 color
M: 1 color

3) Paper feed method

F: Friction feed

4) Blackmark sensor volume

N: No volume
V: BM sensor volume

5) Blackmark sensor position

*Six sensor positions are available. Please contact dealer.

DP-420-DF

1) 2) 3)

1) Type

420: 7 pin head
430: 9 pin head

2) Ribbon

D: 2 color

3) Paper feed method

F: Friction feed