



RC 3640

Serial Printer

- MATRIX PRINT UNIT
- 250 CHARACTERS PER SECOND
- 155 PRINT POSITIONS
- VERTICAL FORMAT UNIT
- DOUBLE CHARACTER SET
- LOW-NOISE OPERATION



GENERAL

The RC 3640 Serial Printer is an efficient low-noise matrix printer which covers the performance range just below that of the more expensive line printers. The printer is used with the RC 3600 CPU Systems applied as stand-alone computers, front-end device controllers, RJE workstations, etc.

As standard the printer includes a 94 character Danish alphabet together with a set of special characters. The two character sets can be used alternately. Other character sets available on request.

CHARACTERISTICS

The alternating use of the double character set is controlled through a shift control code. The special characters among others contain a numeric OCR-A font. Through another control code printing of elongated characters is obtained, i.e. double width of the print positions. In normal use the RC 3640 Serial Printer prints 155 characters per line at 10 characters per inch.

The printing unit is a 9 x 9 dot matrix using a matrix printer nylon ribbon in black/red colours (optionally black-print-only is available). Paper is tractor fed and controlled by a VFU-tape. Standard fan folded edge-punched paper is used. With interleaved carbons up to 5 copies can be printed.

The RC 3640 Serial Printer interfaces parallel to the standard RC 3600 CPU Systems and occupies one controller slot. Cable length to the 3600 CPU System is 12 m.

A standard self test feature provides a quick check of all the printer's facilities. The noise level when printing normal text is 65 db(A) (measured 1 m in front of the printer). A printer stand with formstacker is available as an option.

SPECIFICATIONS

Printing unit:	9 x 9 dot matrix
Line length:	155 ch per line
Character spacing:	10 ch per inch, elongated characters: 5 ch per inch
Line spacing:	6 lines per inch
Printing speed:	up to 250 ch per sec., which equals 90-320 lines per minute
Character set:	double: 94 ch. Danish alphabet plus special characters incl. OCR-A numerics, others available on request
Form feed:	VFU, 4-track opto-electronic paper tape reader, standard 8-channel non-transparent tape
Paper:	fan folded edge-punched
Paper width:	50 - 450 mm (2 - 17.8 inches)
Format height:	3 - 140 lines, VFU controlled
Number of copies:	1 + 5 on usual paper (50 g/m ²)
Power requirements:	220 V, 350 W supplied from system
Temperature ambient:	5 - 40 °C (41 - 104 °F)
Humidity relative:	5 - 85%, no condensation
Heat dissipation:	300 kcal/h (1200 BTU/h)

DIMENSIONS

	Printer	Printer stand (option)
Height:	25 cm (9.8 ins)	67 cm (26.5 ins)
Width:	64 cm (25.2 ins)	60 cm (24 ins)
Depth:	46 cm (18.0 ins)	53 cm (21 ins)*
Weight:	43 kg (95 lbs)	* with stacker 87 cm (34.5 ins)