

CD PRINT SPECIFICATION

9: Serialisation

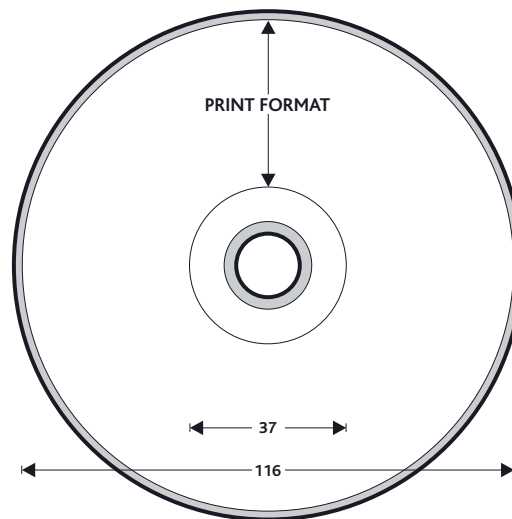
1. Mode of operation

The CDs are printed with an inkjet printer which is integrated in the offset label printing system. Such print systems always have a certain amount of inherent errors, therefore, consecutively numbered discs cannot be guaranteed.

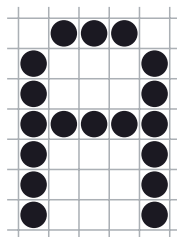
2. Label printing

Only 120 mm CDs can be serialised. Serialisation can be combined with a 4 colour offset print, with or without a maximum of 2 silk screen colours.

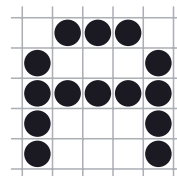
3. Printable are of CD:



4. Possible matrix and number of lines:



7 x 5 Matrix



5 x 5 Matrix

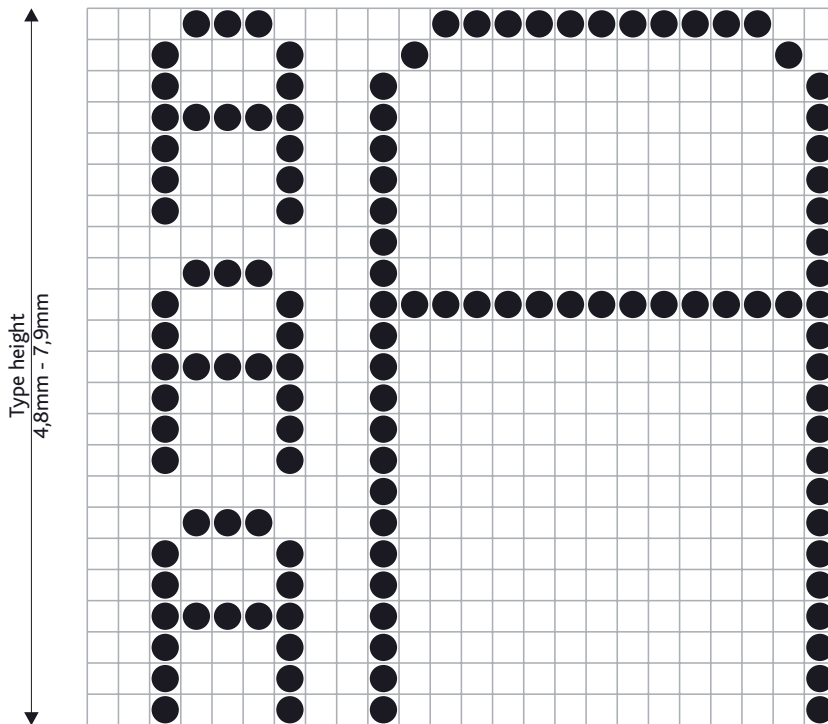
Number of lines dependent on the matrix

- | | |
|----------------------------------|---------------|
| 1. 23 x 15 Matrix | max. one line |
| 2. 15 x 10 Matrix | max. one line |
| 3. 7 x 5 Matrix | max. 3 lines |
| 4. 5 x 5 Matrix | max. 3 lines |
| 5. 5 x 5 K (vertically centered) | max. one line |

Furthermore, a "wide expanded type" can be set.

The inkjet printer can print up to 3 lines simultaneously whereas the type character matrix will be reduced if more than one line is printed simultaneously. With a standard cycle time of 80 CDs/min. an optimal printing result will only be reached in the single line mode. The cycle time is reduced if a multi line printing in the same quality is required.

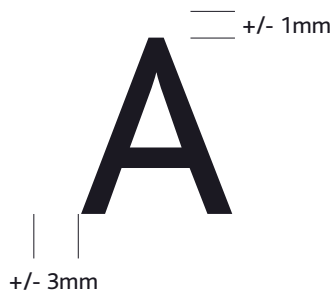
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5. Resolution

The resolution changes according to the type height.
 Maximum resolution: 4.7 point/mm = type height of 4.8 mm
 Minimum resolution: 2.9 point/mm = type height of 7.9 mm

6. Position accuracy



7. Printing with variable data files:

1. Ascending number sequence.
2. Variable data files
The file should have the extension "txt".

Data files format

The field identifiers must be entered in the first line of the file. Each semicolon denotes a data file elements separation.

E.g.: First name;Surname;Street;Postcode;Town