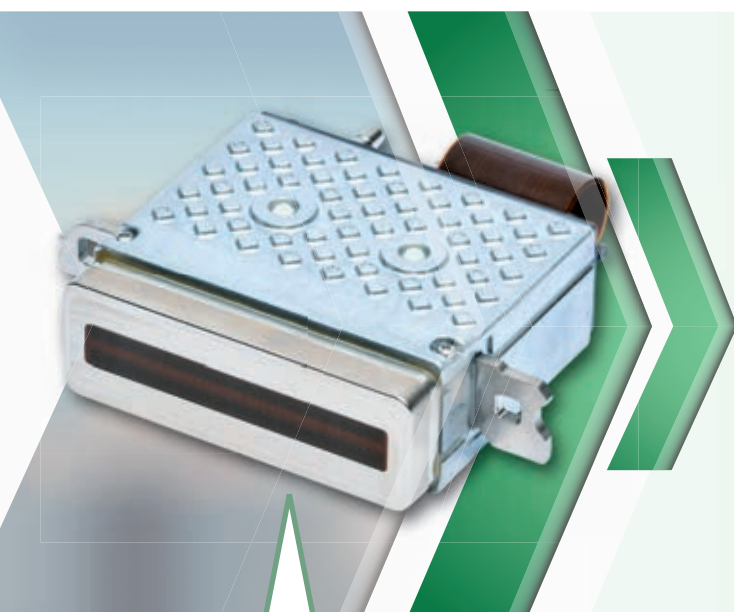


TOSHIBA

Ink re-circulating type inkjet head

CF1B/CF1BL/CF1BXL 300dpi

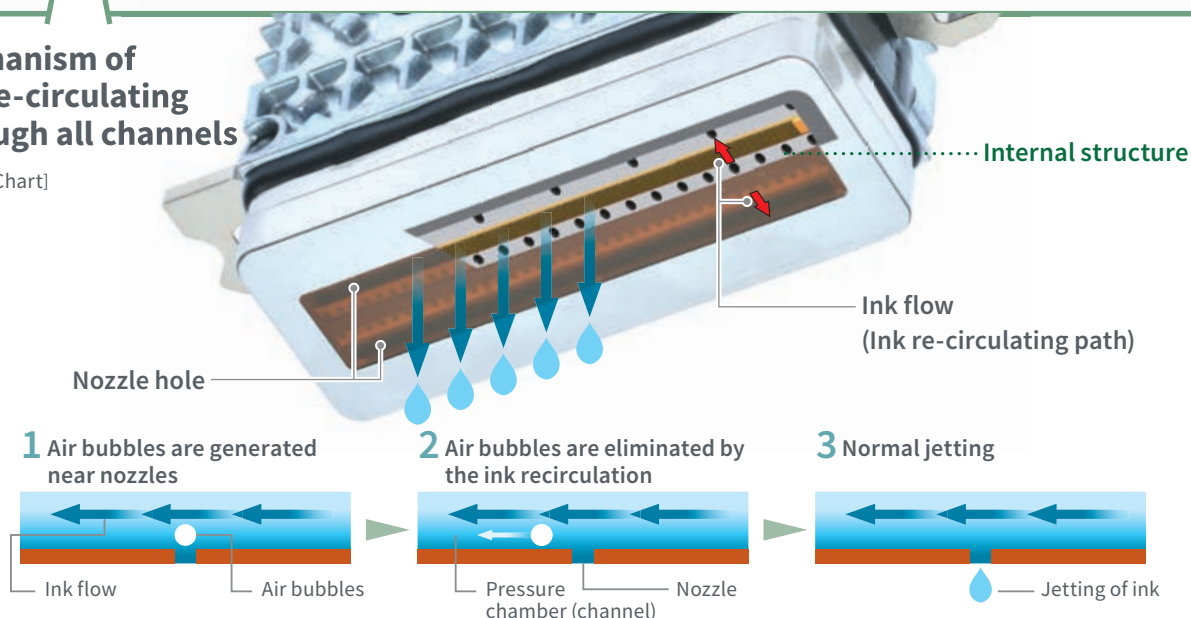


Ink is re-circulated through all channels Ensure high jetting reliability

- Suitable for jetting ink with **larger particle size and higher gravity**
- Controlling ink temperature by ink re-circulating system **enables stable print quality**
- **Stable start-up after a long pause of printer**
- Less necessity of maintenance and less ink waste **resulting in low running cost and eco-friendly**

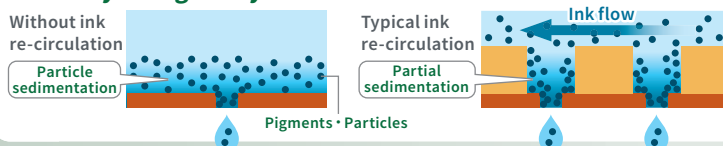
Mechanism of ink re-circulating through all channels

[Image Chart]

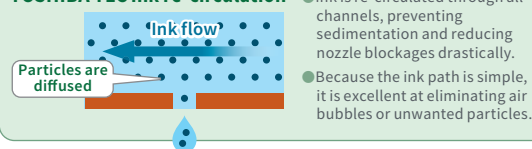


Feature of TOSHIBA TEC ink re-circulating through all channels inkjet head

Stable jetting of ink that easily sediments with higher viscosity and gravity



TOSHIBA TEC ink re-circulation



- Ink is re-circulated through all channels, preventing sedimentation and reducing nozzle blockages drastically.
- Because the ink path is simple, it is excellent at eliminating air bubbles or unwanted particles.

Specifications



CF1B

CF1BL

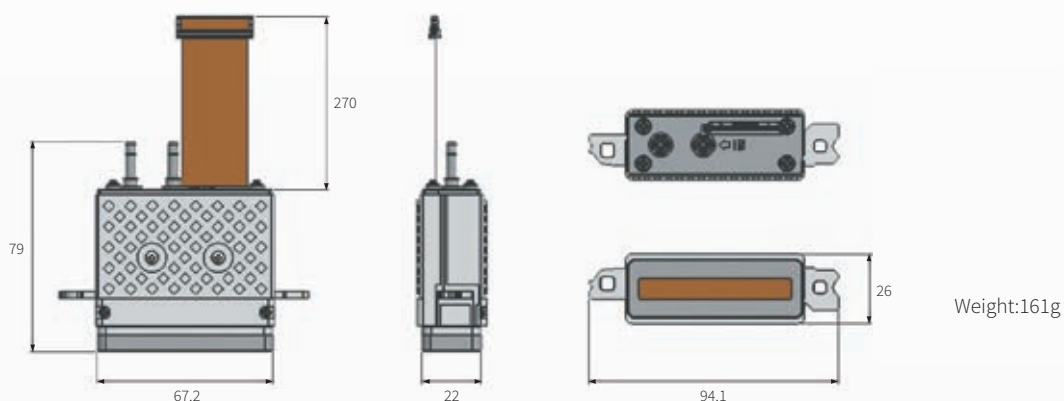
CF1BXL

Print Method	On-Demand piezo technology		
Ink Re-circulation Structure	Ink re-circulation through all channels		
Print Width	53.7mm		
Nozzles	636		
Nozzle Resolution	300npi		
Number of Lows	2		
Nozzle Spacing (Row to row distance)	4.64mm		
Grayscale Level	8 levels/0~7drops	4 levels/0,5,6,7drops	7 levels/0~6drops
Drop Volume	6~42pL	57~80pL	36~180pL
Frequency	4.97kHz/7drops	4.8kHz/7drops	4.8kHz/6drops
Power Supply Voltage for Driving the Head	14~31V		
Power Supply Voltage for Driving Circuit	5V, 39V		
Ink Type	UV-curing & oil-based (consult us for compatibility assurance)		
Built-in Temperature Sensor	Included		
Head Cooling Method	Air-cooling		
Size, Weight	94.1mm(W)×26mm(D)×79mm(H), 161g		

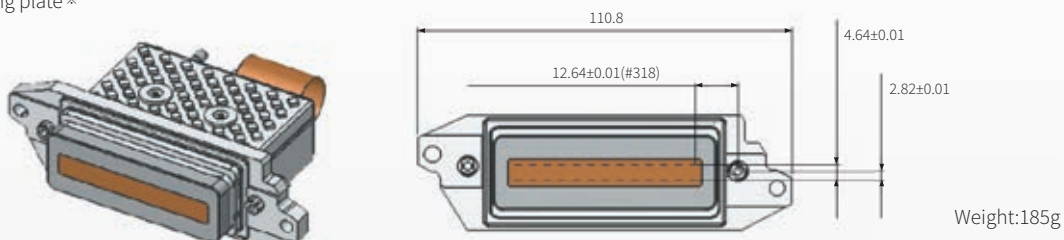
※The specifications above may change depending on the type of ink used.

※The specifications above and appearance may change.

Dimensions (mm)



With optional positioning plate※



※A factory-fitted option enables easy and accurate head positioning with a precision of 10μm to the 1st nozzle.

TOSHIBA TEC CORPORATION

Inkjet Business Group

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<http://www.toshibatec.com/en/products/industrial/inkjet/products/>

