

## BRUSHLESS DC FANS

## F310R

## ■ FEATURES

- Low noise, 13 dB (A)
- Light weight (approx. 8 g)

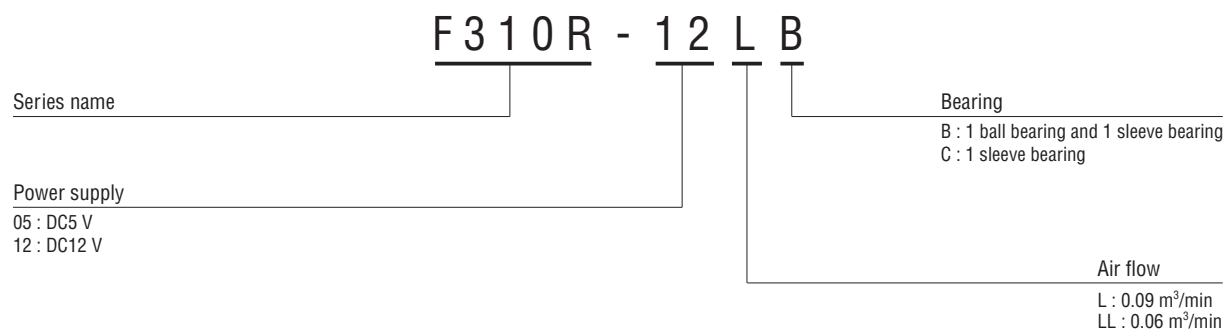
## ■ STRUCTURE

- Frame and impeller  
ABS/PBT alloy
- Bearing  
B type : 1 ball bearing and 1 sleeve bearing  
C type : 1 sleeve bearing

RoHS compliant



## ■ PART NUMBER DESIGNATION



## ■ LIST OF PART NUMBERS

Power supply	1 ball bearing and 1 sleeve bearing	1 sleeve bearing	
	Air flow 0.09 m <sup>3</sup> /min	Air flow 0.09 m <sup>3</sup> /min	Air flow 0.06 m <sup>3</sup> /min
DC5 V	F310R-05LB	F310R-05LC	F310R-05LLC
DC12 V	F310R-12LB	F310R-12LC	F310R-12LLC

※ : Verify the above part numbers when placing orders.

# F310R

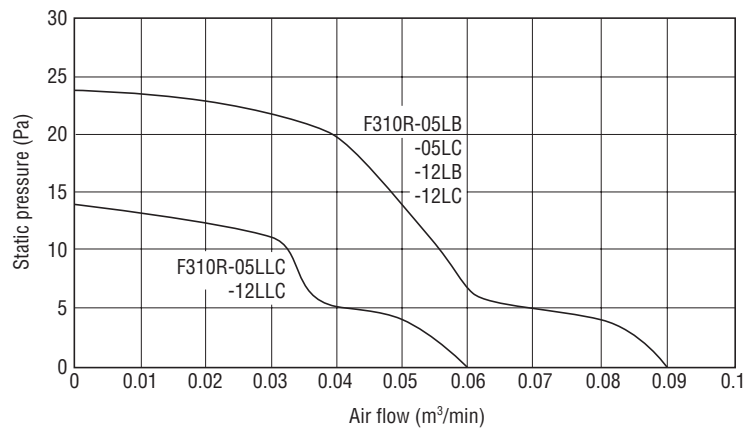
## BRUSHLESS DC FANS

### STANDARD SPECIFICATIONS

Item	F310R-05LLC	F310R-05LB -05LC	F310R-12LLC	F310R-12LB -12LC
Rated voltage	DC5 V		DC12 V	
Voltage range	4.5 ~ 5.7 V		10.2 ~ 13.8 V	
Rated current	0.05 A	0.07 A	0.025 A	0.04 A
Rotating speed	5500 min <sup>-1</sup>	7000 min <sup>-1</sup>	5500 min <sup>-1</sup>	7000 min <sup>-1</sup>
Air flow	0.06 m <sup>3</sup> /min	0.09 m <sup>3</sup> /min	0.06 m <sup>3</sup> /min	0.09 m <sup>3</sup> /min
Static pressure	14 Pa	23 Pa	14 Pa	23 Pa
Noise	13 dB (A)	17 dB (A)	13 dB (A)	17 dB (A)
Net weight	Approx. 8 g			

※ : Figures in the table are typical values under rated operating condition.

### AIR FLOW PERFORMANCE CURVES



### OUTLINE DIMENSIONS

(Unit: mm)

