



# Micro Blowers with Aero-dynamic Bearings

## TF series

Our Aero-dynamic bearings used for Micro Blowers are of the non-contact variety and generate ultra-high speed rotation.

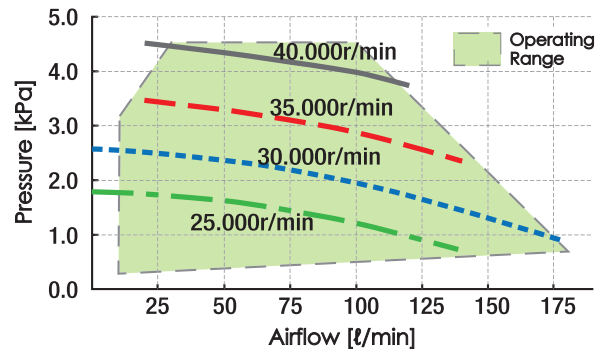


**TF037C**



**TF037E**

### P-Q Curve



### FEATURES

- Compact and Light weight
- Higher static air pressure
- Less vibration
- Long life
- Quiet operation
- High efficiency

Developed a new series even smaller and ultra-lightweight type

The newly developed "TF029B Series" has achieved the same level of performance as the TF037C/E series while drastically improving power-saving and achieving an even smaller size and lighter weight.

**TF029B**



### BASIC SPECIFICATIONS

Series name	TF037C	TF037E	TF029B
Rated voltage	24VDC	24VDC	24VDC
Rated pressure	4.0kPa	3.0kPa	2.0kPa
Maximum pressure	4.5kPa	4.5kPa	3.5kPa
Rated air flow	100ℓ/min	100ℓ/min	100ℓ/min
Rated rotational speed	40,000r/min	35,500r/min	36,000r/min
Maximum rotational speed	45,000r/min	45,000r/min	50,000r/min
Power consumption	29 W max.	21 W max.	14.4 W max.
Weight	Approx. 90g	Approx. 160g	Approx. 55g

\* Specifications are subject to change without notice.

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