

# Long Life Fan ~Design Features~

SANYO DENKI

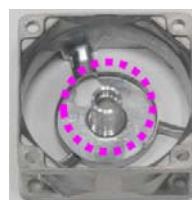
## Aluminum frame improves heat dissipation

Standard fan



- Plastic frame
- Brass bushing

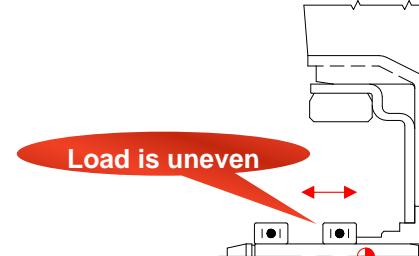
Long Life Fan



- Aluminum frame
- Aluminum bushing

## Improved load balance to reduce bearing temperature

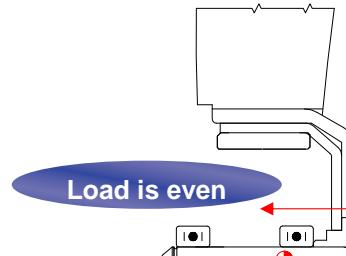
Standard fan



Load is uneven

Interval between the two bearings is narrow.

Long Life Fan



Load is even

Interval between the two bearings is wider.



## Use of more robust components

- Conformal coating on the PCB.
- Use of high grade bearings and grease.
- Use of an aluminum frame to dissipate heat.
- Use of electrical components that are rated to higher temperatures.



Sanyo Denki Long Life fans are tested at 105 °C, and are rated for up to a L10 life of 20 years