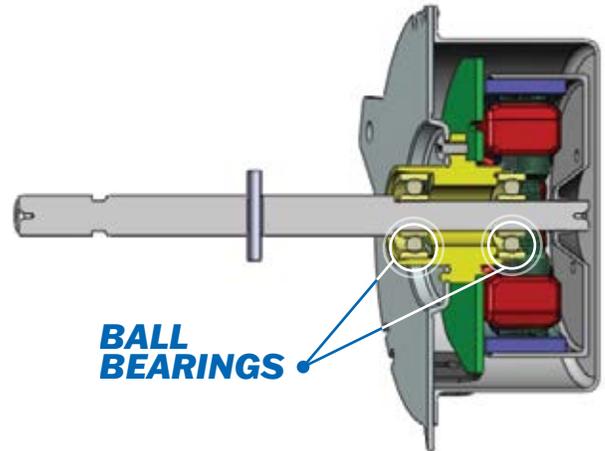


# SAVE ENERGY WITH BLDC MOTORS EQUIPPED WITH NMB BALL BEARINGS

## BALL BEARING LOCATIONS



## High-performance Brushless DC Motor

### What is a Brushless DC motor?

BLDC motors achieve high efficiency, long life, good controllability, and accurate rotation.

### BLDC motor applications

It is mainly used to turn the blades of electric fans and air purifiers. It is often used in high-end home appliances due to quiet rotation and long operating life.

### Components of a BLDC motor

It consists of a "rotor" using permanent magnets, a "stator" wound with copper wire, and a "drive circuit" that controls rotation.

## High-performance Ball Bearings

### Ball bearing function

Ball bearings used in rotating shafts play an important role in areas that directly affect quiet operation and long life.

### Reduce energy consumption

It reduces friction during shaft rotation therefore, reducing power consumption. Reducing energy consumption is important for the design of efficient, ecofriendly products.

### Environmentally friendly

By reducing power consumption, it contributes to the reduction of CO2 emissions.