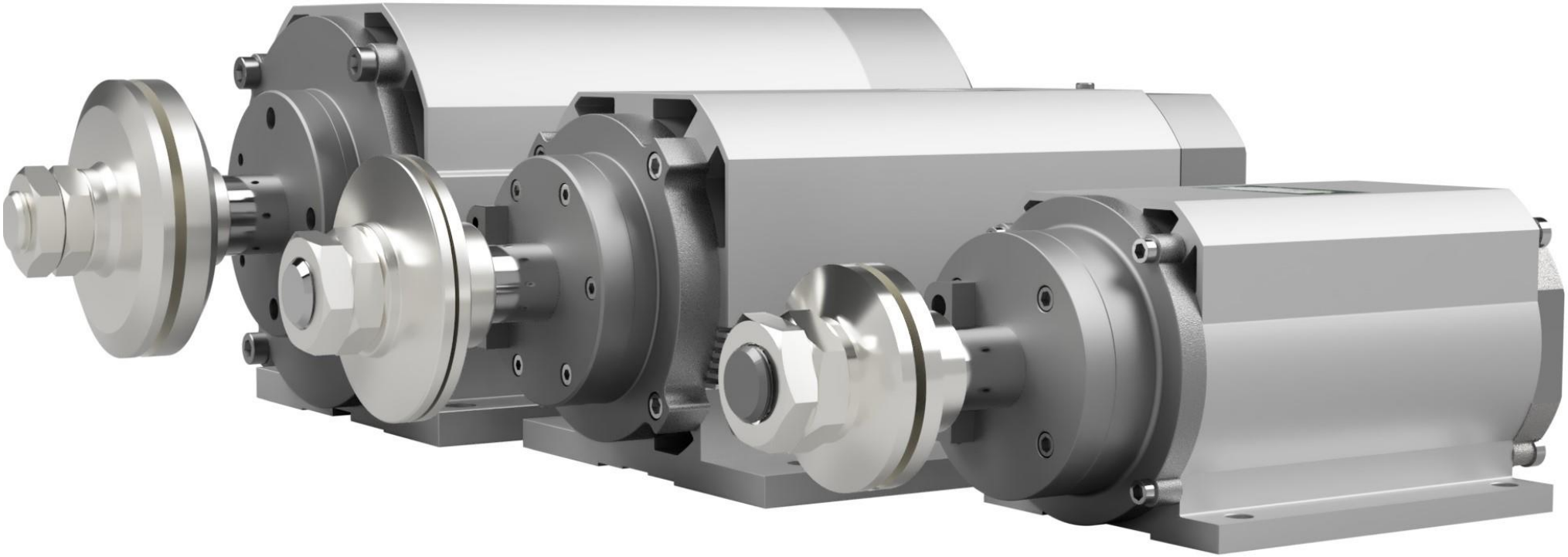
The high precision circular saw motor

New model Launching

MOSTEC

SHIN-OH MOTOR

- Precision circular saw motor **M** series
  - Add "**M**" to the existing model (Ex. S231**M**A)



MOSTEC

SHIN-OH MOTOR

●Line-up by output is the same as the conventional circular saw motor.

Type	output	Voltage(※1)	Frequency
S230MA-R/L	0.4kW	200	50Hz/60Hz/～100Hz
S230MB-R/L	0.75kW	200	50Hz/60Hz/～100Hz
S231MA-R/L	1.5kW	200	50Hz/60Hz/～100Hz
S231MB-R/L	2.2kW	200	50Hz/60Hz/～100Hz
S232MA-R/L	3.7kW	200	50Hz/60Hz/～100Hz
S232MB-R/L	5.5kW	200	50Hz/60Hz/～100Hz
S232MC-R/L	7.5kW	200	50Hz/60Hz/～100Hz

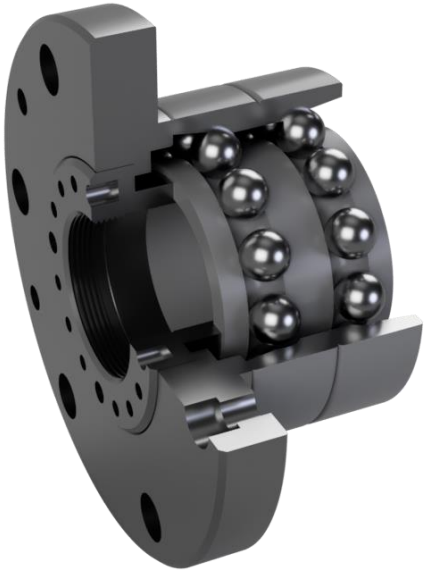
※1. Same price for different voltage (220V/380V)

2.Product features

- High rigidity ・ High accuracy
- Compact designed
- Improved dust resistance with labyrinth

● Rigidity

・ Using precision angular bearings in DB combination.
Higher rigidity compared with the existing circular saw motor



High precision bearings

Angular contact（DB）

Rigidity 50~100%UP (N/μm)

● Run-out（existing）　　High precision（**M series**）

・Spindle Run-out
0.02mm　　**0.01mm or less**

・Lateral Run-out（Flange）
0.02mm　　**0.01mm or less**

●Width of blade

・Specialized for circular saws with a blade width less than 5mm.

The compact shorter shaft end

・ Inner diameter : Φ25.4

Φ30 are available by flange changing

※3.7kW、5.5kW、7.5kW can be selected for a single model

● Flange

・The flange can be changed by manual,
flange inner diameter can be customized as an option.

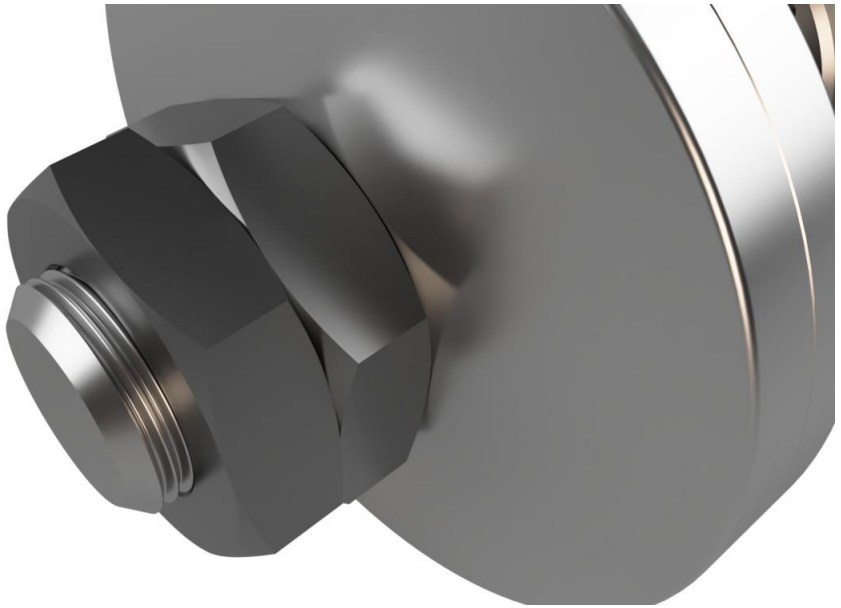
Flange size-changing available

No Shrink-fitting

Grinding finishing

● Strengthening of tightening nuts

・ The existing double nut modified to a narrow type. Special nut design for a less loosen.



ISO　6H→5H

No spanner needed

Narrow type nuts

● Dust resistance

・Dust resistance design from the front labyrinth.

Better dust resistance

No dust or wood chips intrusion.

A longer bearing life

- Rigid of a stopper.

・ Higher-strength for the stopper, available when changing tools.

Withstand load 431.5N

7 times rigid than an existing

Easy tool changing

● Appearance/Mounting

・Same mounting with existing circular motor (center height, bore pitch). The dimensions also the same from the center of the motor to a flange.

●Appearance/Mounting

・Parts with no harmful substances (trivalent white)
Water-based paint is using.

To environment-friendly, no VOC using (no organic solvent using)

● Maintenance

・Repair and maintenance are supplying at our own factories at domestic and overseas facilities.

MOSTEC JAPAN — JAPAN

MOSTEC LIMITED — CHINA

MOSTEC KOREA — KOREA

SHIN-OH MOTOR Asia Repair Center — TAIWAN