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Company: Nidec-Shimpo Corporation

Representative: Tatsuya Nishimoto (President & CEO)

Address: Address: Nidec Park Bldg. C, 1-1, Higashinokuchi, Morimoto-cho, Muko-shi, Kyoto, 617 0003, Japan

Nidec-Shimpo Launches a Lineup of Servo Motor Reducers for Food Machinery

Nidec-Shimpo Corporation (“Nidec-Shimpo” or the “Company”) announced today that it has launched a lineup of its “VR Series,” reducers for servo motors, for food machinery.



Nidec-Shimpo’s Latest VR Reducers for Food Machinery

As public awareness of food safety is on increase in recent years amid food poisoning, norovirus, and other incidents, safety is required for food machinery (confectionery and bakery equipment, meat processing machinery, packaging machinery, etc.) and reducers used for them. With robots and factory automation equipment used in agitation, mixing, crushing, filling, conveying, aligning, and many other food item and drug manufacturing processes, safety is increasingly demanded for the reducers used in those processes.

To meet such market demand, the Company’s latest VR reducers for food machinery adopt grease of Grade H1 of the NSF, a global standard for lubricant oils for food machinery (Lubricant oils of this grade are allowed to be used in places that may accidentally contact food), and the reducers can be installed in food machinery’s drive sections.

The external dimensions of these recently developed reducers are the same as those of the standard specifications of the existing VR Series reducers, and therefore the new reducers can replace standard ones easily, without changing the equipment side’s design. With respect to performance, an NSF H1-grade grease for food items is used to lubricate the inside of the reducers, but they can generate a torque of up to 80% of standard models. In addition, with highly rust-resistant stainless output shafts available optionally, the new reducers can work in high-humidity and other environments that require rust-proof food machinery.

For inquiries on the aforementioned products, please contact Nidec-Shimpo Corporation’s Business Support Group at +81-75-280-3904

On April 1, 2023, Nidec-Shimpo Corporation will be renamed Nidec Drive Technology Corporation.

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