

Launch of Compact Actuator “AF Series”

Highly Precise and Highly Rigid Actuator Directly Connected to Servomotor

Nabtesco Corporation (Headquarters: Chiyoda-ku, Tokyo, President & CEO: Kazuaki Kotani) Precision Equipment Company is going to launch a new product line, “AF Series” Highly Precise and Highly Rigid Actuator Directly Connected to Servomotor, this September. The product is based on “Precision Reduction Gear RV” with a cumulative production record of over 5.5 million units, which are used in industrial robot, machine tool, semiconductor manufacturing equipment and labor-saving factory automation, etc.

The new series has all advantages of “Precision Reduction Gear RV”, such as high precision, rigidity and reliability, as well as compact shape accomplished by direct connection to servomotor. Furthermore, it is possible to reduce the trouble of design and assembly between servomotor and reduction gear, which provides ease of use.

■ Product name

Compact Actuator “AF Series”

■ Features

“AF Series” is based on “Precision Reduction Gear RV” contributing to automation and labor saving at production sites all over the world. Compact actuator with built-in servo motor is going to be launched in 7 models (5 models as solid type, 2 models as hollow shaft type). Based on demand for automation and labor saving in China and other emerging countries, we integrated reduction gear and servomotor into one drive unit, which not only reduces failures related to assembling reduction gear and servomotor. such as grease leakage, noise and vibrations, but also enables reduction of troubles and workload during the process of design, assembly and procurement.

■ Release date September 2015



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