

Beckhoff Drive Technology:
Motors in new wash-down variant

Dynamic servomotors for the food industry

With the AM3000 Synchronous Servo Motor series' new model, featuring FDA-compliant, white surface coating, Beckhoff is introducing an inexpensive solution for all applications in the closely regulated food production and packaging industries.



With the AM3000 Synchronous Servomotor series with FDA-compliant, white surface coating, Beckhoff is introducing a high-performance servo solution for all applications in the food industry. The coating is suitable for use around food products and is resistant to aggressive cleaning agents. Apart from the surface coating, the motors do not differ from the standard types from the AM3000 series.

Hygiene regulations in the food industry place high demands on drive and control components with regard to surfaces and materials, which must be able to withstand regular exposure and resistance to aggressive cleaners. By coating a standard servomotor so that it is suitable for use around food products, Beckhoff breaks new ground: the white coating, which is typical in the food industry, is compliant with FDA (Food and Drug Administration) regulations and guarantees that the products manufactured with it are not in any way tainted by chemicals.

The FDA-compliant motors differ from the standard types only by their surface, their sealing ring and by the stainless steel shaft, otherwise they are identical. The advantage for the user is that ad-

ditional motor types do not have to be 'designed into' the machine in the case of mixed use of coated and standard motors. A further advantage is the price: the coating adds only about 30 percent to the price of the standard motors, depending on the size.

The flange sizes 2...7 from the Beckhoff AM3000 series are optionally available with the new surface coating. The IP 67 design permits use in harsh industrial environments.

www.beckhoff.com/AM3000