



Highly dynamic servomotors cover a large performance range

## Extension of the AM8000 motor family

Beckhoff extended its AM8000 servomotor series in the high and low power ranges. The servomotors from 0.5 to 65 Nm standstill torque with one cable technology offer high dynamics, energy efficiency and low costs.

The Synchronous Servomotors from the AM8000 series have been supplemented by the AM8021 with a standstill torque of 0.5 Nm. What is special about this motor is that it can also be operated with a DC link voltage of 565 V DC. This allows, for example, actuators to be realized in machines without an additional power supply unit, since it is possible to operate at one voltage level with the other drives.

The power range is rounded off at the top by the AM807x series. The servomotors are available in three different overall lengths: the AM8071, AM8072 and AM8073 with standstill torques of 25 Nm, 47 Nm and 65 Nm respectively. The motors with a high power range are used in particular for high-power main drives and are thus suitable, for example, for the metalworking industry. The motors of the series AM807x models can be equipped with different encoder systems, backlash-free holding brakes or a shaft seal.

Altogether, the AM8000 series encompasses six different motor sizes, each with three overall lengths. The user can select a motor suitable for the respective application from a standstill torque range of 0.5 to 65 Nm.

### “Hygienic Design” servomotors up to 16.7 Nm

The stainless steel servomotors are also supplemented by a new size, AM886x, with three overall lengths: the AM8861, AM8862 and AM8863 with standstill torques of 7.75 Nm, 12 Nm and 16.7 Nm respectively. Beckhoff thus offers a universal range of servomotors for use in extreme, harsh or corrosive environments with a power range from 1 Nm to 16.7 Nm.

Further Information:

[www.beckhoff.com/AM8000](http://www.beckhoff.com/AM8000)

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