Flat external rotor motor with high speed

*Feldkirchen/Germany, December 4, 2019* – With the DF20, Nanotec now offers a flat external rotor motor with a diameter of just 20 mm. It is available with two different windings for 12 and 24 V and is equipped with digital Hall sensors for simple control.

The DF20 features a rated power of 5 W and a rated speed of 5,200 rpm. The open design without rotor housing ensures optimal heat dissipation – even at high speeds. Thanks to its compact construction with flat ribbon cable, this brushless DC motor is ideal for applications with limited space, such as robot grippers, medical pumps or prosthetics.

An adapter board is available for test purposes as an accessory.

The DF20 complements Nanotec’s product family of external rotor motors, which includes motors with diameters of 32 and 45 mm.

*Nanotec was founded in 1991 and is now among the leading manufacturers of motors and controllers for industrial automation and medical engineering applications. The company has been based in Feldkirchen near Munich/Germany since 2011. With some 200 employees in Germany, Bulgaria, the USA and China, Nanotec serves customers around the world.*

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