



SUCO Transmission Technology

SUCO offers a wide range of types of centrifugal and electromagnetic clutches and brakes.

Centrifugal clutches and brakes

Centrifugal clutches and brakes are used when input and output side should be separated during a standstill and the output side should work speed-dependant. Advantages of centrifugal clutches are load-free starting and slip-free torque transmission at operating speed. Centrifugal brakes are often used as emergency braking system. They can lower or slow down loads at a defined speed.

Wind Turbine safety brake

Additionally SUCO has developed a safety brake which can reliably protect small wind turbines against storm damages due to excessively high wind speeds. Based on the principle of a centrifugal brake, a purely mechanical, dependable brake was developed that, in the case of a severe storm, enabled the rotor to safely come to a standstill without any need for an external power supply.

Electromagnetic clutches and brakes

Electromagnetic clutches and brakes from SUCO are notable for straightforward design and ease of installation. Like centrifugal clutches, electromagnetic clutches and brakes can only be used for dry running. Reliable torque transmission without residual torque is guaranteed.

Customized clutches and brakes

SUCO designs and manufactures individual, customer-specific solutions when standard models cannot be used. Our engineers check enquiries to make sure they are practicable, and, as far as possible, the design of the product complies with the customer's wishes.

More information on SUCO transmission technology can be found in the product catalogue.