



GROSS + FROELICH
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Casters with Brake which is Activated when Loaded

Some of our casters are equipped with a reverse brake, also known as braked upon charge. This feature is activated when the caster is loaded.

Chairs that are equipped with this kind of caster have a very stable stand when loaded and can only be moved with an effort.

When not loaded, these casters move freely and can be positioned easily without much effort. For certain applications, this effect has many advantages.

A loaded caster with reverse brake **fully engaged** will not act as a regular chair caster, it will feel more like a glide. Therefore the standard DIN EN 12529 cannot be applied completely.

In **unloaded condition** and when being loaded just until the activation of the brake the caster will act – depending on the type of caster – just like a free wheel or load-dependent braked caster. Therefore the standard DIN EN 12529 can be applied without any restriction for casters in unloaded condition and when being loaded until the brake will be activated due to load.