Functional | Cold & Heat resistant

Cold resistant casters

■Designed for food factories, freezers, etc...



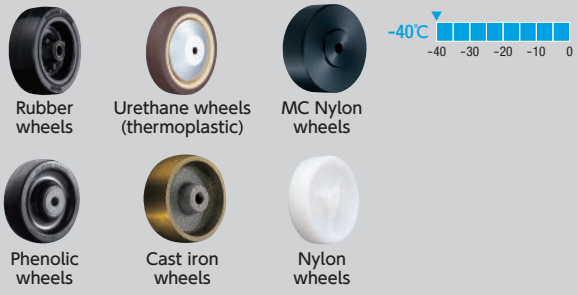
■What needs to be changed?

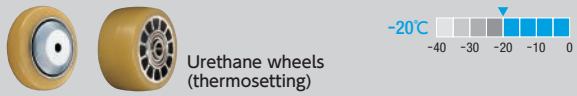


■Available wheels

※Cold-resistant temperature is refered from the characteristics of material of wheels.

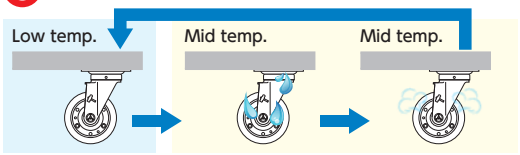
*In general, physical properties are to be degraded in a low-temperature environment, and breakage or damage is likely to occur.



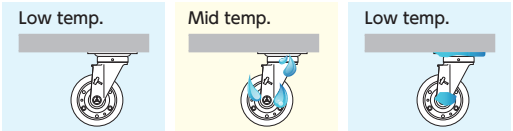


Please mind condensation.

○ After coming out of a cold environment, please dry it well.



× Switching environments between low and mid temperature without sufficiently dry, then the condensation may freeze and cause performace failure.

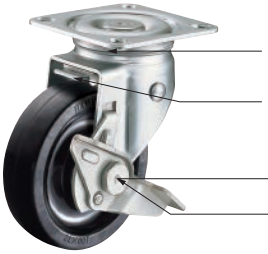


Heat resistant casters

■Designed for automobile factories, drying furnaces, etc...



■What needs to be changed?



■Available wheels

※Heat-resistant temperature is refered from the characteristics of material of wheels.

DRY DRY is dry heat generated in environments such as a drying oven or oven.

WET HEAT WET HEAT is steam heat generated in environments such as sterilization.

HIGH PRESSURE HIGH PRESSURE is high pressure environment such as an autoclave.



Under 200℃
100 120 140 160 180 200

Availability: DRY WET HEAT HIGH PRESSURE

Cast iron is resistant to heat, cold and high load.
Suitable to transporting super heavy materials.



Under 180℃
100 120 140 160 180 200

Availability: DRY

Phenol is a material generally called bakelite.
Especially resistant to high-temperature in dry environments.
No use for wet heat.



Under 120℃
100 120 140 160 180 200

Availability: DRY WET HEAT HIGH PRESSURE

MC nylon is a high-performance plastic material that replaces metals.
Alternatively resistant to both dry heat and wet heat.



Under 120℃
100 120 140 160 180 200

Availability: DRY WET HEAT

This is a material generally called nitrile rubber.
Alternatively resistant to both dry heat and wet heat.

Please consult with our sales offices for further details.