



DITHERM RXT Series

Temperature range -40°C +300°C, wheel hardness 76 Shore A



Wheel Ø	Ø 100	Ø 100	Ø 100
Tread width	30	30	30
Bore Ø	12	8	10
Ball bearing seats Ø	32 x 10	-	-
Hub length	40	40	45
Load capacity	120	120	120
Codes			
Plain bore	RXT100	-	-
BT selflube bushes	-	-	RXT100BT
BR Coated bush	-	RXT100BR	-
HT Ball bearings	RXT100C	-	-
Ball bearing seat	RXT100S	-	-
Axle accessories			
Axle bush	BSX12841	-	BSX10847
Axle bush x ball bearings	BSX12841BB	-	-
BT selflube bushes	-	-	BT1210
BR coated axle bush	-	BR12841	-
HT Ball bearings	HTBB12	-	-
Axle bolt + nut	VTX855 / VTZ855	VTX855 / VTZ855	VTX860 / VTZ860





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Wheels for high and low temperatures, manufactured in exclusive Ditherm® compound and special High Temperature elastic rubber tyre.



The wheel core of the RXT series is manufactured in special compound, combined with special fibers and molded under an innovative DC developed high pressure + extreme temperature process, and its tyre is made in a special high quality elastic rubber for high temperatures.

The white rubber tyre is mechanically bonded to the wheel core, and the coupling is further strengthened by a surface adhesion which is obtained without the use of any glue or vulcanization such as for almost any competition product. This particular bonding is resulting in the highest quality wheel in its range of application, featuring a drastic reduction in the risk of tyre de-bonding during the work in temperatures.

The wheels can be fitted into a specific series of brackets for high/low temperatures, which are specifically studied to fulfill the extremely wide variability of conditions to which they are submitted in the world of uses in temperatures, bakery and food industry.

Uses

The wheels are manufactured to resist to a range of temperatures between -40°C and +300°C.

They features a high resistance to water, most solvents, oils, acids and chemicals, excellent fire-smoke-toxicity properties and are fully certified for use in bakery and food industry, and for oven application requiring temperature of exercise up to +300°C.

These wheels assure also a great work into freezers and in temperature until -40°C and guarantee a high resistance against thermal shock caused by quick increasing or reduction of temperature, allowing these wheels to resist to sudden variation of temperatures, permitting to withstand jumps of 340°C in less than 60 seconds, either from cold to hot or reverse.

The wheels do not mark the floor when the free rolling is secured, but can leave traces of grated material on dark floors if dragged or locked. The rubber tyre can be sensitive to impacts with sharp obstacles (cuts) or to use over floor drains or sharp thresholds.

They are absolutely smooth and noiseless on almost any surface, granting a silent work and an excellent shock absorbing property which makes this wheel perfect for any use requiring a noiseless rolling.

Important !

The best performances and life time of the wheel are strictly depending on heating and cooling cycles to which the wheels are sub-mitted ; the maximum performance is guaranteed by cycles of maximum 30 minutes in temperature, followed by the same cooling time at room temperature.