



DITHERM XTW Series

Temperature range **-50°C +400°C**, wheel hardness 75 Shore D



Wheel Ø	Ø 100	Ø 100	Ø 100
Tread width	35	35	35
Bore Ø	12	8	10
Ball bearing seats Ø	32 x 10	-	-
Hub length	40	40	45
Load capacity	250	250	250
Codes			
Plain bore	XTW100	-	-
BT selflube bushes	-	-	XTW100BT
BR Coated bush	-	XTW100BR	-
HT Ball bearings	XTW100C	-	-
Ball bearing seat	XTW100S	-	-
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



Wheel Ø	Ø 200 **
Tread width	50
Bore Ø	20
Hub length	58
Load capacity	900
Codes	
Plain bore	XTW200
Axle accessories	
Axle bush	BSX201260
BT selflube bushes	-
BR coated axle bush	-
Ball bearings	-
Axle bolt + nut	VTX1280 / VTZ1280

The XTW series is the only wheel which is assuring a temperature resistance up to +400°C and not being made out of aluminium or cast-iron, with the big advantage to preserve the floor and to secure a dramatic reduction of noise if compared to metal wheels.

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

Brackets are fully certified and manufactured with food and sanitary grade Stainless Steel in AISI 304, and are available in both metric and inches standard sizes, and are also available in double-layer galvanized pressed steel. They are RoHS - REACH compliant, and the permanent lubrication has been approved by FDA-USDA for contact with foods. A computerized control of the swivel head ball race and assembling tolerances assures a perfect plate rotation without locking point. Brake system is perfect for low and high temperatures and for inside-outside use and is maintenance free.

Uses



The XTW wheels are manufactured to resist to a range of temperatures between -50°C and +400°C, and are recommended for continuous use up to +350°C with peaks of +400°C.

They features a fair 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, as well as for any oven application requiring temperature of exercise up to +400°C of peak. These wheels assure also a great work into freezers and in temperature until -50°C and guarantee a high resistance against thermal shock caused by quick increasing or reduction of temperature, in fact the new material allow these wheels to resist to sud-den variation of temperatures, permitting to withstand jumps of 400°C in less than 60 seconds, either from cold to hot or reverse. Ditherm XTW wheels do not mark the floor when the free rolling is secured, but can leave traces of grated material if used on abra-sive floors ; also, some chipping or cracking of the wheel surface can happen in case of use on very uneven floors or in presence of heavy impacts against sharp obstacles, and in some particularly abrasive floors the wheel can show a higher grade of abrasion.

Attention !

The modification of the wheel colour into a darker tonality during the time is a standard characteristic of the material and does not effect the wheel property and performance in any way.



** Due to the production cost and production schedule, this wheel is available upon request, please contact our offices for the minimum quantity.

