Tel: 04/257 68 20
Gsm: 040/99 00 11

+260°
- 40°

DITHERM RHT Series

Temperature range -40°C +260°C, wheel hardness 72 Shore A

Wheel Ø	**Ø 80**	**Ø 80**	**Ø 80**
Tread width	30	30	30
Bore Ø	12	8	10
Ball bearing seats Ø	32 x 10	-	-
Hub length	40	40	45
Load capacity	100	100	100
	Codes		
Plain bore	RHT80	-	-
BT selflube bushes	-	-	RHT80BT
BR Coated bush	-	RHT80BR	-
HT Ball bearings	RHT80C	-	-
Ball bearing seat	RHT80S	-	-
	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 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	RHT100	-	-
BT selflube bushes	-	-	RHT100BT
BR Coated bush	-	RHT100BR	-
HT Ball bearings	RHT100C	-	-
Ball bearing seat	RHT100S	-	-
	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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DITHERM RHT Series

Temperature range -40°C +260°C, wheel hardness 72 Shore A

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

The wheel core of the RHT series is manufactured in special Ditherm® 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 black 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 RHT wheels can be fitted into a specific series of brackets for high/low temperatures, which are specifically studied and pro-duced to fullfill 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 +260°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 +260°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 300°C in less than 60 seconds, either from cold to hot or reverse.
Despite the black colour, RHT wheels do not mark the floor when the free rolling is secured, but can leave traces of grated material on abrasive 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 tresholds.
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.

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DITHERM STW Series

Temperature range -70°C +280°C, wheel hardness 80 Shore D

Wheel Ø	**Ø 80**	**Ø 80**	**Ø 80**	**Ø 100**	**Ø 100**	**Ø 100**
Tread width	30	30	30	30	30	30
Bore Ø	12	8	10	12	8	10
Ball bearing seats Ø	32 x 10	-	-	32 x 10	-	-
Hub length	40	40	45	40	40	45
Load capacity	300	300	300	350	350	350
	Codes					
Plain bore	STW80	-	-	STW100	-	-
BT selflube bushes	-	-	STW80BT	-	-	STW100BT
BR Coated bush	-	STW80BR	-	-	STW100BR	-
HT Ball bearings	STW80C	-	-	STW100C	-	-
Ball bearing seat	STW80S	-	-	STW100S	-	-
	Axle accessories					
Axle bush	BSX12841	-	BSX10847	BSX12841	-	BSX10847
Axle bush x ball bearings	BSX12841BB	-	-	BSX12841BB	-	-
BT selflube bushes	-	-	BT1210	-	-	BT1210
BR coated axle bush	-	BR12841	-	-	BR12841	-
HT Ball bearings	HTBB12	-	-	HTBB12	-	-
Axle bolt + nut	VTX855 / VTZ855	VTX855 / VTZ855	VTX860 / VTZ860	VTX855 / VTZ855	VTX855 / VTZ855	VTX860 / VTZ860

	White color	White color	Wite color				
Wheel Ø	**Ø 100**	**Ø 100**	**Ø 100**	**Ø 125**	**Ø 150**	**Ø 150**	**Ø 200**
Tread width	30	30	30	40	40	40	50
Bore Ø	12	8	10	15	15	20	20
Hub length	40	40	45	45	45	58	58
Load capacity	350	350	350	450	650	800	900
	Codes						
Plain bore	STW100W	-	-	STW12545	STW15045	STW15060	STW20060
BT selflube bushes	-	-	STW100WBT	-	-	-	-
BR Coated bush	-	STW100WBR	-	-	-	-	-
	Axle accessories						
Axle bush	BSX12841	-	BSX10847	BSX151047	BSX151047	BSX201260	BSX201260
BT selflube bushes	-	-	BT1210	-	-	-	-
BR coated axle bush	-	BR12841	-	-	-	-	-
Axle bolt + nut	VTX855 / VTZ855	VTX855 / VTZ855	VTX860 / VTZ860	VTX1060 / VTZ1060	VTX1060 / VTZ1060	VTX1280 / VTZ1280	VTX1280 / VTZ1280

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DITHERM STW Series

Temperature range -70°C +280°C, wheel hardness 80 Shore D

Wheels for high and low temperatures, manufactured in exclusive THT composite material.

The STW series wheels are manufactured with an exclusive material and is used exclusively for the production of this wheel range. These wheels grants a superior and unmatched mechanical resistance to heavy impacts, an outstanding resistance against chipping and breaking caused by hitting of sharp obstacle and a great rolling capacity even in plain bore configuration, thanks to the self-lubricating properties of the THT material.
They also assure an incredible resistance against aggressive cleaners, chemicals, oils, acids, steam and salty water, and are available with plain bore and with double special HT ball bearings, to allow a perfect rolling capacity in any condition of use.
The THT material is certified by FDA for contact with foods.
The wheels can be fitted into a specific series of brackets for high/low temperatures, which are specifically studied and pro-duced to fullfill 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 -70°C and +280°C.
They features an incredible resistance to water, humidity and steam, to solvents, oils, acids and chemicals, featuring a great fire-smoke-toxicity properties and are fully certified for use in food industry, as well as for any oven application requiring temperature of exercise up to +280°C.
These wheels can work into freezers, chillers and blast freezing in temperature until -70°C and guarantee a high resistance against thermal shock caused by quick increasing or reduction of temperature, in fact this material is permitting to withstand jumps of 350°C in less than 60 seconds, either from cold to hot or reverse.
Ditherm STW wheels do not mark the floor, can be used in industrial applications and are recommended for use in bakeries, wet and humid conditions, oven trolleys, smoke tunnels, food industry, autoclave cooking, salty water and steam.
They guarantee a great resistance against heavy and sharp impacts, on uneven floors, asphalt and are perfect for problem-free use on turntable ovens.

DITHERM MTW Series

Temperature range -40°C +300°C,
wheel hardness 90 Shore D

				Standard design	Standard design	Standard design	Heavy design	Heavy design
Wheel Ø	**Ø 80**	**Ø 80**	**Ø 80**	**Ø 100**	**Ø 100**	**Ø 100**	**Ø 100**	**Ø 100**
Tread width	35	35	35	35	35	35	35	35
Bore Ø	12	8	12	12	8	12	12	12
Ball bearings seats Ø	32 x 10	-	-	-	-	-	32 x 10	-
Hub length	40	40	45	40	40	45	40	40
Load capacity	170	170	170	190	190	190	210	210
	Codes							
Plain bore	MTW80	-	-	MTW100L	-	-	MTW100	-
BT selflube bushes	-	-	MTW80BT	-	-	MTW100LBT	-	MTW100BR
BR Coated bush	-	MTW80BR	-	-	MTW100LBR	-	-	-
HT Ball bearings	MTW80C	-	-	-	-	-	MTW100C	-
Ball bearing seats	MTW80S	-	-	-	-	-	MTW100S	-
Sintered bronze bushes	MTW80BS	-	-	MTW100LBS	-	-	-	-
	Axle accessories							
Axle bush	BSX12841	-	BSX10847	BSX12841	-	BSX10847	BSX12841	-
Axle bush x ball bearings	BSX12841BB	-	-	-	-	-	BSX12841BB	-
BT selflube bushes	-	-	BT1210	-	-	BT1210	-	-
BR coated axle bush	-	BR12841	-	-	BR12841	-	-	BR12841
HT Ball bearings	HTBB12	-	-	-	-	-	HTBB12	-
Axle bolt + nut	VTX855 / VTZ855	VTX855 / VTZ855	VTX860 / VTZ860	VTX855 / VTZ855	VTX855 / VTZ855	VTX860 / VTZ860	VTX855 / VTZ855	VTX855 / VTZ855

	Heavy design	Heavy design	Heavy design	Heavy design				
Wheel Ø	**Ø 100**	**Ø 100**	**Ø 100**	**Ø 100**	**Ø 125**	**Ø 125**	**Ø 125**	**Ø 125**
Tread width	35	35	35	35	40	40	40	40
Bore Ø	10	10	12	15	15	10	15	20
Hub length	45	41	48	41	45	45	48	48
Load capacity	210	210	210	210	250	250	250	250
	Codes							
Plain bore	-	-	-	MTW10041	MTW12545	-	MTW12548	MTW125
BT selflube bushes	MTW100BT	MTW100BT41	MTW100BT48	-	-	MTW12545BT	-	-
BR Coated bush	-	-	-	-	-	MTW12545BR	-	-
Sintered bronze bushes	-	-	-	-	-	-	-	MTW12545BS
	Axle accessories							
Axle bush	BSX10847	BSX10842	-	-	BSX151047	BSX10847	-	-
BT selflube bushes	BT1210	BT1210	BT1512	-	-	BT1510	-	-
BR coated axle bush	-	-	-	-	-	BR151047	-	-
Axle bolt + nut	VTX860 / VTZ860	VTX855 / VTZ855	-	VTX855 / VTZ855	VTX1060 / VTZ1060	VTX1060 / VTZ1060	-	-

Wheel Ø	**Ø 150**	**Ø 160**	**Ø 200**
Tread width	45	50	50
Bore Ø	20	20	20
Hub length	58	58	58
Load capacity	300	340	520
	Codes		
Plain bore	MTW150	MTW160	MTW200
BT selflube bushes	-	-	-
BR Coated bush	-	-	-
Sintered bronze bushes	MTW150BS	MTW160BS	MTW200BS
	Axle accessories		
Axle bush	BSX201260	BSX201260	BSX201260
BT selflube bushes	-	-	-
BR coated axle bush	-	-	-
Axle bolt + nut	VTX1280 / VTZ1280	VTX1280 / VTZ1280	VTX1280 / VTZ1280

Standard design

Heavy design

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DITHERM MTW Series

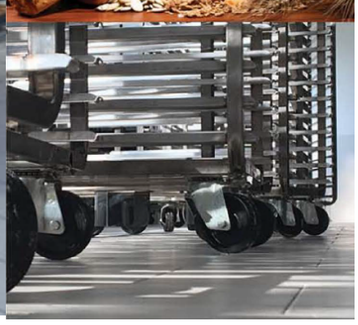
Temperature range -40°C +300°C, wheel hardness 90 Shore D

Wheels for high and low temperatures, manufactured in exclusive Ditherm® compound in combination with special fibers.

The wheels is manufactured in special compound, combined with special fibers and molded under an innovative DC developed high pressure + extreme temperature process which results in the highest quality wheel in its range of application.
They are available with several types of hubs and bearings, in order to allow the perfect response and the best need / price ratio for any type of high or low temperature requirement.
The MTW wheels can be fitted into a specific series of brackets for high/low temperatures, which are specifically studied and pro-duced 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.

Examples of use

Bakery trolleys and racks, every high temperature use, but better if not on abrasive floors and high humidity.



Uses

The DITHERM MTW wheels are manufactured to resist to a range of temperatures between -40°C and +300°C.
They features a good 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 +300°C of peak.
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, in fact the new Ditherm® material allow these wheels to resist to sud-den variation of temperatures, permitting to withstand jumps of 340°C in less than 60 seconds, either from cold to hot or reverse. Ditherm MTW 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 this eventuality we suggest you to contact our offices which will be able to provide the perfect wheel for your needs.