



# DITHERM RXT Series

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

Assembled into Medium duty and Heavy duty high quality pressed steel brackets with a double layer zinc-coating



DOUBLE LAYER GALVANIZED STEEL

Medium duty top plate swivel castors

Wheel Ø	Ø 100	Ø 100
Fork width	41	47
Overall height	128	128
Top plate size	100 x 85	100 x 85
Holes spacing	80 x 60	80 x 60
Fixing holes Ø	9	9
Offset	42	42
Swivel radius	92	92
Load capacity	120	120

Codes

Plain bore	RGZ100W	-
Brake version	RGZ100WFA	-
BR coated bush	RGZ100WBR	-
Brake version	RGZ100WBRFA	-
Selflube bushes	-	RGZ100WBT
Brake version	-	RGZ100WBTFA
HT Ball bearing	RGZ100WC	-
Brake version	RGZ100WCFA	-



DOUBLE LAYER GALVANIZED STEEL

Heavy duty top plate swivel castors

Wheel Ø	Ø 100	Ø 100
Fork width	41	47
Overall height	131	131
Top plate size	100 x 85	100 x 85
Holes spacing	80 x 60	80 x 60
Fixing holes Ø	9	9
Offset	42	42
Swivel radius	92	92
Load capacity	120	120

Codes

Plain bore	RGZ100WP	-
Brake version	RGZ100WPFA	-
BR coated bush	RGZ100WPBR	-
Brake version	RGZ100WPBRFA	-
Selflube bushes	-	RGZ100WPBT
Brake version	-	RGZ100WPBTFA
HT Ball bearing	RGZ100WPC	-
Brake version	RGZ100WPCFA	-

## DITHERM RXT Series

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



Assembled into bolt hole and fixed high quality pressed steel brackets with a double layer zinc-coating



DOUBLE LAYER GALVANIZED STEEL

**Bolt hole** swivel castors

	Ø 100	Ø 100
Wheel Ø	100	100
Fork width	41	47
Overall height	128	128
Round plate Ø	77	77
Fixing bolt hole Ø	12	12
Offset	42	42
Swivel radius	92	92
Load capacity	120	120

**Codes**

Plain bore	RPZ100W	-
Brake version	RPZ100WFA	-
BR coated bush	RPZ100WBR	-
Brake version	RPZ100WBRFA	-
Selflube bushes	-	RPZ100WBT
Brake version	-	RPZ100WBTFA
HT Ball bearing	RPZ100WC	-
Brake version	RPZ100WCFA	-



DOUBLE LAYER GALVANIZED STEEL

**Fixed** castors

	Ø 100	Ø 100
Wheel Ø	100	100
Fork width	41	47
Overall height	128	128
Top plate size	100 x 85	100 x 85
Holes spacing	80 x 60	80 x 60
Fixing holes Ø	9	9
Load capacity	120	120

**Codes**

Plain bore	RFZ100W	-
BR coated bush	RFZ100WBR	-
Selflube bushes	-	RFZ100WBT
HT Ball bearing	RFZ100WC	-

The bolt hole castor load capacity is indicated for fixation to tubes, table feet or similar, if the bolt hole castor is fixed through a bolt and nut to a flat surface with minimum thickness 3 mm, the load capacity can be assimilated to the heavy duty top plate load capacities.



# DITHERM RXT Series



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

Assembled into Medium duty and Heavy duty high quality AISI 304 Stainless Steel brackets, mirror finished



AISI 304 STAINLESS STEEL

Medium duty top plate swivel castors

Wheel Ø	Ø 100	Ø 100
Fork width	41	47
Overall height	128	128
Top plate size	100 x 85	100 x 85
Holes spacing	80 x 60	80 x 60
Fixing holes Ø	9	9
Offset	42	42
Swivel radius	92	92
Load capacity	120	120

**Codes**

Plain bore	RGX100W	-
Brake version	RGX100WFA	-
BR coated bush	RGX100WBR	-
Brake version	RGX100WBRFA	-
Selflube bushes	-	RGX100WBT
Brake version	-	RGX100WBTFA
HT Ball bearing	RGX100WC	-
Brake version	RGX100WCFA	-



AISI 304 STAINLESS STEEL

Heavy duty top plate swivel castors

Wheel Ø	Ø 100	Ø 100
Fork width	41	47
Overall height	131	131
Top plate size	100 x 85	100 x 85
Holes spacing	80 x 60	80 x 60
Fixing holes Ø	9	9
Offset	42	42
Swivel radius	92	92
Load capacity	120	120

**Codes**

Plain bore	RGX100WP	-
Brake version	RGX100WPFA	-
BR coated bush	RGX100WPBR	-
Brake version	RGX100WPBRFA	-
Selflube bushes	-	RGX100WPBT
Brake version	-	RGX100WPBTFA
HT Ball bearing	RGX100WPC	-
Brake version	RGX100WPCFA	-



# DITHERM RXT Series



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

Assembled into bolt hole and fixed high quality AISI 304 Stainless Steel brackets, mirror finished



AISI 304 STAINLESS STEEL

**Bolt hole** swivel castors

	Ø 100	Ø 100
Wheel Ø	100	100
Fork width	41	47
Overall height	128	128
Round plate Ø	77	77
Fixing bolt hole Ø	12	12
Offset	42	42
Swivel radius	92	92
Load capacity	120	120

Codes

Plain bore	RPX100W	-
Brake version	RPX100WFA	-
BR coated bush	RPX100WBR	-
Brake version	RPX100WBRFA	-
Selflube bushes	-	RPX100WBT
Brake version	-	RPX100WBTFA
HT Ball bearing	RPX100WC	-
Brake version	RPX100WCFA	-



AISI 304 STAINLESS STEEL

**Fixed** castors

	Ø 100	Ø 100
Wheel Ø	100	100
Fork width	41	47
Overall height	128	128
Top plate size	100 x 85	100 x 85
Holes spacing	80 x 60	80 x 60
Fixing holes Ø	9	9
Load capacity	120	120

Codes

Plain bore	RFX100W	-
BR coated bush	RFX100WBR	-
Selflube bushes	-	RFX100WBT
HT Ball bearing	RFX100WC	-

The bolt hole castor load capacity is indicated for fixation to tubes, table feet or similar, if the bolt hole castor is fixed through a bolt and nut to a flat surface with minimum thickness 3 mm, the load capacity can be assimilated to the heavy duty top plate load capacities.



# DITHERM RXT Series

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



	Ø 100	Ø 100	Ø 100
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
<b>Codes</b>			
Plain bore	RXT100	-	-
BT selflube bushes	-	-	RXT100BT
BR Coated bush	-	RXT100BR	-
HT Ball bearings	<b>RXT100C</b>	-	-
Ball bearing seat	RXT100S	-	-
<b>Axle accessories</b>			
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

## PRIPOROČAM





## DITHERM RXT Series



Temperature range **-40°C +300°C**, wheel hardness 76 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 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 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.

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.