KOLESA.NET **DITHERM XTW** Series

Ø 100

41

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

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





Ø 100

DOUBLE LAYER GALVANIZED STEEL

Medium duty top plate swivel castors

Wheel Ø
Fork width
Overall height
Top plate size
Holes spacing
Fixing holes Ø
Offset
Swivel radius
Load capacity

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Plain bore Brake version BR coated bush Brake version Selflube bushes Brake version HT Ball bearing Brake version

41	47
128	128
100 x 85	100 x 85
80 x 60	80 x 60
9	9
42	42
92	92
220	220
Codes	
XGZ100	-
XGZ100FA	-
XGZ100BR	-
XGZ100BRFA	-
-	XGZ100BT
-	XGZ100BTFA
XGZ100C	-
XGZ100CFA	-



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	250	250
	<u>Codes</u>	
Plain bore	XGZ100P	-
Brake version	XGZ100PFA	-
BR coated bush	XGZ100PBR	-
Brake version	XGZ100PBRFA	-
Selflube bushes	-	XGZ100PBT
Brake version	-	XGZ100PBTFA
HT Ball bearing	XGZ100PC	-
Brake version	XGZ100PCFA	-

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DOUBLE LAYER GALVANIZED STEEL

Heavy duty top plate swivel castors

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



46/219A





DITHERM XTW Series

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

DOUBLE LAYER GALVANIZED STEEL

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



Wheel Ø	Ø 100
Fork width	41
Overall height	128
Round plate Ø	77
Fixing bolt hole Ø	12
Offset	42
Swivel radius	92
Load capacity	220
	<u>Codes</u>
Plain bore	XPZ100
Brake version	XPZ100FA
BR coated bush	XPZ100BR
Brake version	XPZ100BRFA
Selflube bushes	-
Brake version	-

Ø 100	Ø 100
41	47
128	128
77	77
12	12
42	42
92	92
220	220
<u>Codes</u>	
XPZ100	-
XPZ100FA	-
XPZ100BR	-
XPZ100BRFA	-
-	XPZ100BT
-	XPZ100BTFA
XPZ100C	-
XPZ100CFA	-

+400 -50°

Bolt hole swivel castors

DOUBLE	LAYER	GALVAN	IZED	STEEL

Fixed castors

Wheel Ø Fork width Overall height Top plate size Holes spacing Fixing holes Ø Load capacity

HT Ball bearing Brake version

Plain bore BR coated bush Selflube bushes HT Ball bearing

Ø 100	Ø 100		
41	47		
128	128		
100 x 85	100 x 85		
80 x 60	80 x 60		
9	9		
250	250		
<u>Codes</u>			
XFZ100	-		
XFZ100BR	-		
-	XFZ100BT		
XFZ100C	-		

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.



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KOLESA.NET

Ø 100

41

9

Ø 100

128

DITHERM XTW Series

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

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



101





Ø 100

47

AISI 304 STAINLESS STEEL



Tel: 04/257 68 20

+400 -50°

Wheel Ø Fork width Overall height Top plate size Holes spacing Fixing holes Ø Offset Swivel radius Load capacity

Plain bore Brake version BR coated bush Brake version Selflube bushes Brake version HT Ball bearing Brake version

120	120
100 x 85	100 x 85
80 x 60	80 x 60
9	9
42	42
92	92
220	220
Codes	
XGX100	-
XGX100FA	-
XGX100BR	-
XGX100BRFA	-
-	XGX100BT
-	XGX100BTFA
XGX100C	-
XGX100CFA	-

Medium	duty t	op pl	ate sv	wivel	castors

24	

Ø 100

Wheel Ø
Fork width
Overall height
Top plate size
Holes spacing
Fixing holes Ø
Offset
Swivel radius
Load capacity

Plain bore Brake version BR coated bush Brake version Selflube bushes Brake version HT Ball bearing Brake version

41	47
131	131
100 x 85	100 x 85
80 x 60	80 x 60
9	9
42	42
92	92
250	250
Codes	
XGX100P	-
XGX100PFA	-
XGX100PBR	-
XGX100PBRFA	-
-	XGX100PBT
-	XGX100PBTFA
XGX100PC	-
XGX100PCFA	-

AISI 304 STAINLESS STEEL

Heavy duty top plate swivel castors



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



DITHERM XTW Series

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

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



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Brake version HT Ball bearing

Brake version



Wheel Ø	Ø 100	Ø 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	220	220
	Codes	
Plain bore	XPX100	-
Brake version	XPX100FA	-
BR coated bush	XPX100BR	-
Brake version	XPX100BRFA	-
Selflube bushes	-	XPX100BT

XPX100C

XPX100CFA

AISI 304 STAINLESS STEEL



XPX100BTFA

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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
Load capacity	250	250
	Codes	
Plain bore	XFX100	-
BR coated bush	XFX100BR	-
Selflube bushes	-	XFX100BT
HT Ball bearing	XFX100C	-

Fixed castors

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.



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Wheel Ø

Bore Ø

Tread width

Hub length

Plain bore

Axle bush

Ball bearings Axle bolt + nut

Axle bush Coated bush

BT selflube bushes

KOLESA.NFT

HT Ball bearings

BT selflube bushes BR coated axle bush

Load capacity

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DITHERM XTW Series

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

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	- 5

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

Ø 200 **

50

20

58

900

<u>Codes</u>

XTW200

BSX201260

Axle accessories

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 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. 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. A ON CA

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.



