

The 1000-Series 1-inch pitch belt combines strong design features with an all-round pitch, making it a versatile belt; it is suitable for amongst others beverage, packaging and food industry. Mold-to-width executions are available with Positrack guiding for single line applications and packaging machines. 1000-Series can be equipped with flights for food industry applications. As a standard the belts are supplied in low friction acetal and polypropylene for beverage.

Features

- Versatile 1-inch pitch and the rigid cross-rib design result in optimum flatness and therefore superior product handling.
- The clip pin retention system in combination with the 2 module system makes the belt very easy to install and maintain.
- Rounded outside edges for better side transfers and improved product handling.
- 1000-Series belt is companioned by FTM 1060 and FGM 1040 or FT 1050 chainbelts, to make a perfect match between straight running and sideflexing conveyors.

Programme	
1000 Flat Top (FT)	Closed surface; suitable for both glass and PET containers due to high strength. The absence of gaps prevents small (glass) particles to jam in the surface of the belt; the fully closed surface gives maximum support to the products conveyed
1000 Flush Grid (FG)	40% Open area; this guarantees optimum water- and airflow and allows pollution to fall through and maintain a clean contact surface between products and the belt. Suitable for amongst others can making and can processing
1000 Raised Rib (RR)	40% Open area; in combination with the special Click-Comb fingerplates the Raised Rib surface creates smooth transfers on accumulation tables, (de)palletizers and discharge tables
1000 Raised Rib narrow (RR)	13% Open area; suitable for packaging machines
1000 Raised Rib Railtrack (RRR)	1000 RR narrow belts with Railtrack, for optimum guiding and economic conveyor set-up
1000 SuperGrip (SG)	High friction rubber surface to handle packages on inclined and declined conveyors. Standard angles up to 20°
1000 LBP	Low Backline Pressure execution with low noise rollers, securing optimum handling of vulnerable packed products, such as shrink-wrapped trays with and without cardboard bottom
FreeFlow	Dynamic Transfer System for complete elimination of dead plates at 90° transfers, creating self-clearing transfers
Positrack	Lugs for accurate and reliable guiding of mass handling and single track belts, resulting in optimum product handling
Belt accessories	Flights to handle bulk food stuff on inclined and declined conveyors; fingerplates RR 1000 and RR 1000 narrow for precise transfers

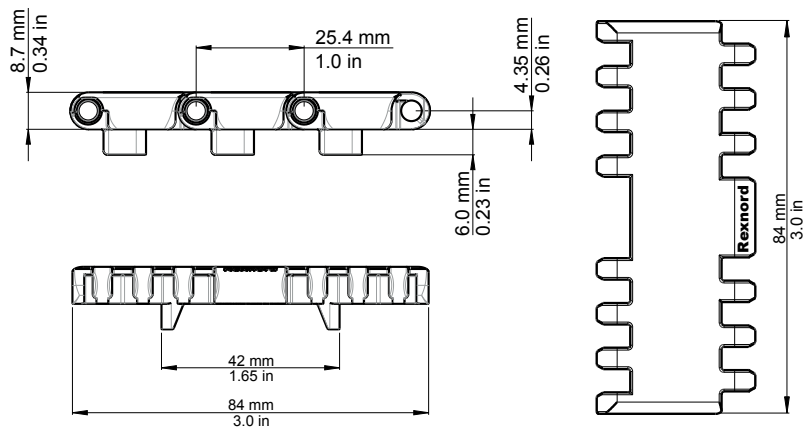


Bottle conveyor with FT1000 DRY-PT MatTop® Chain



Bottle conveyor with FT1000 PSX MatTop® Chain

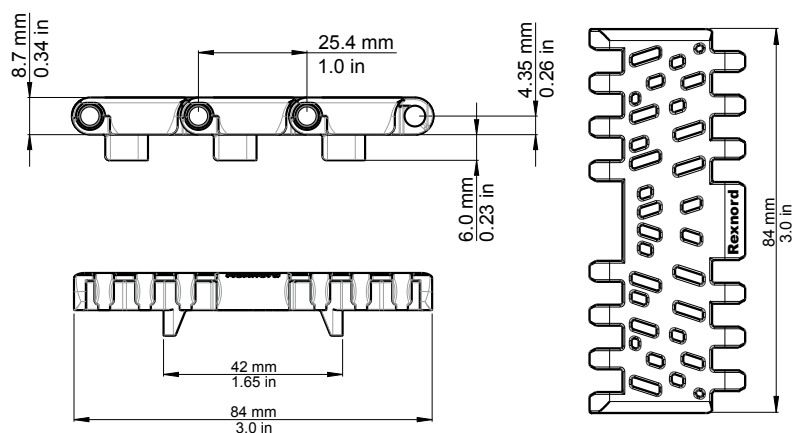
FlatTop 1001-84MM



Rexnord 1001-84mm Series FlatTop Chain Material Overview

Chain Type	Material	Code Number	Working Load (max)	Weight	Backflex Radius (min)	Temperature Range °C	
			N/m / lbs	kg/m / lbs/ft	mm / in	Dry	Wet
DRY-PT1001FT-84MM_MTW_PT-1DP	DRY-PT	10522806	337 / 1500	0.40 / 0.59	1.00 / 25.4	4 to 80 / 4 to 65	
PSX1001FT-84MM_MTW_PT-1DP	PSX	10522807	337 / 1500	0.40 / 0.59	1.00 / 25.4		
XLG1001FT-84MM_MTW_PT-1DP	XLG	10522808	337 / 1500	0.40 / 0.59	1.00 / 25.4		
DKA1001FT-84MM_MTW_PT-1DP	DKA	10522795	337 / 1500	0.40 / 0.59	1.00 / 25.4		
GLA1001FT-84MM_MTW_PT	GLA	10803387	337 / 1500	0.40 / 0.59	1.00 / 25.4	-18 to 60	

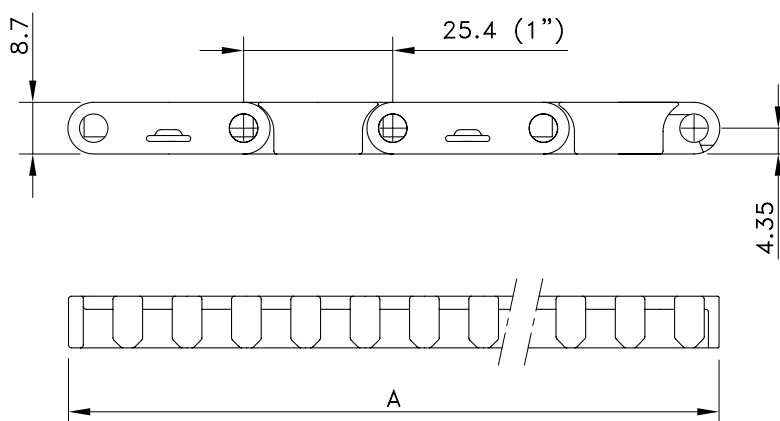
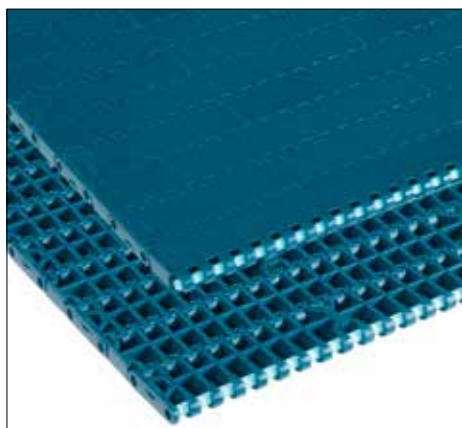
Flush Grid 1001-84MM



Rexnord 1001-84mm Series Flush Grid Chain Material Overview

Chain Type	Material	Code Number	Working Load (max)	Weight	Backflex Radius (min)	Temperature Range °C	
			N/m / lbs	kg/m / lbs/ft	mm / in	Dry	Wet
DRY-PT1001FG-84MM_MTW_PT-1DP	DRY-PT	10522829	337 / 1500	0.38 / 0.57	1.00 / 25.4	4 to 80 / 4 to 65	
PSX1001FG-84MM_MTW_PT-1DP	PSX	10522830	337 / 1500	0.38 / 0.57	1.00 / 25.4		
XLG1001FG-84MM_MTW_PT-1DP	XLG	10522831	337 / 1500	0.38 / 0.57	1.00 / 25.4		
HP1001FG-84MM_MTW_PT-1DP	HP	10522834	337 / 1500	0.38 / 0.57	1.00 / 25.4		
DKA1001FG-84MM_MTW_PT-1DP	DKA	10522828	337 / 1500	0.38 / 0.57	1.00 / 25.4		

FlatTop 1000

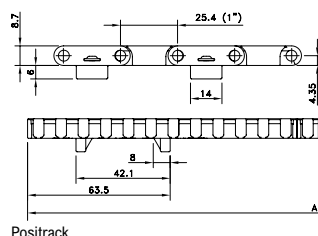


Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet			
XLG-Acetal with Polypropylene Pins (84 has PBT pins)							
Standard	FT 1000 XLG	817.30.xx	-40 to +82	-40 to +66	22000	6.50	25
Double positrack	FTDP 1000 XLG	873.27.xx					
Positrack 2 sides, freeflow 1 side	FFTP 1000 XLG 2xP	873.07.xx					
PSX Advanced Performance Polymer Alloy with PBT pins							
Standard	FT 1000 PSX	873.78.xx	-30 to +80	up to 65	22000	6.50	25
Double positrack	FTDP 1000 PSX	873.79.xx					
Positrack 2 sides, freeflow 1 side	FFTP 1000 PSX 2xP	873.82.xx					
WHT-Polypropylene with Polypropylene Pins							
Standard	WHT 1000 FT	811.80.xx	4 to 104	4 to 104	11000	4.30	25
DRY-PT Advanced Performance Polymer Alloy with PBT pins							
Standard	FT 1000 DRY-PT	DRYPT1000FT	-30 to 80	up to 65	22000	6.50	25
Double positrack	FTDP 1000 DRY-PT	DRYPT1000FT					

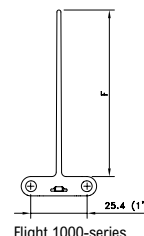
* In code numbers xx corresponds with the belt width (A), starting with 10 for 85 mm, 11 for 170 mm and so on with 85 mm increments, or optionally 5 mm, up to 6120 mm; see also page 208. If you need flights, describe the belt by choosing from the required options listed in the 2nd column of the table:

Material	XLG, PSX, WHT or DRY-PT	
Belt type	1000 FT or 1000 FTDP	(Double) Positrack not possible for WLT, BLT and WHT
Width (A)	F3IN or F2IN or F1IN	Belts with flights have a minimal width of 130 mm with 10 mm increments
Flights	F3 or F2 or F1	Standard height of 3", 2", 1" or special height in mm
Pitch between flights	T..P	Flights on every .. th row (must correspond to an even number of rows)
Flight side-indent	N.. (in mm)	Minimal 40 mm with 5 mm increments

Example: WSM1000FT-430MM_F50MM_T6P_N45MM_PT-1DP is a 1000 Flat Top belt with Double Positrack, made of white acetal, special width 430 mm, special 50 mm high flights on every 6th row at 45 mm from the sides

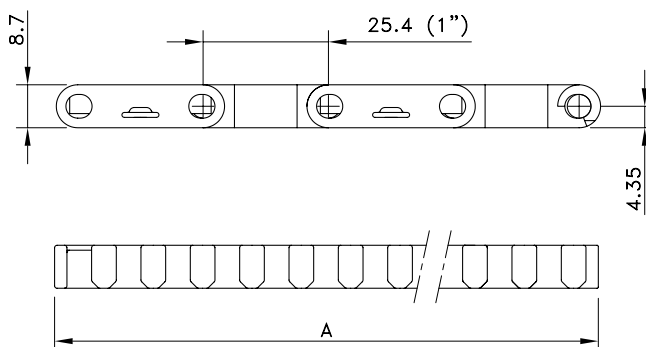
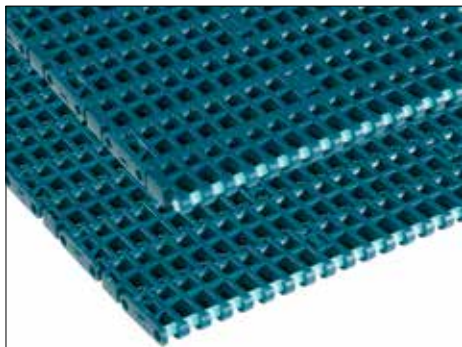


Positrack



Flight 1000-series

Flush Grid 1000



Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.) N/m (21°C)	Weight kg/m²	Backflex Radius (min.) mm
			Dry	Wet			

XLG-Acetal with Polypropylene Pins (84 has PBT pins)

Standard	FG 1000 XLG	817.40.xx	-40 to +82	-40 to +66	22000	5.40	25
Double Positrack	FGDP 1000 XLG	874.43.xx					
Positrack 1 side, freeflow 1 side	FFGP 1000 XLG 1xP	874.08.xx					
Positrack 2 sides, freeflow 1 side	FFGP 1000 XLG 2xP	874.07.xx					

PSX Advanced Performance Polymer Alloy with PBT pins

Standard	FG 1000 PSX	874.63.xx	-30 to +80	up to 65	22000	5.40	25
Double Positrack	FGDP 1000 PSX	874.64.xx					
Positrack 1 side, freeflow 1 side	FFGP 1000 PSX 1xP	874.68.xx					
Positrack 2 sides, freeflow 1 side	FFGP 1000 PSX 2xP	874.69.xx					

WHT-Polypropylene with Polypropylene Pins

Standard	WHT 1000 FG	811.90.xx	4 to 104	4 to 104	11000	3.50	25
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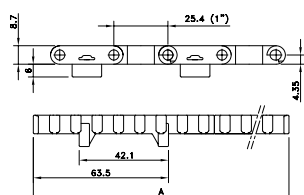
BHT-Polypropylene with Polypropylene Pins

Standard	BHT 1000 FG	810.08.xx	4 to 104	4 to 104	11000	3.50	25
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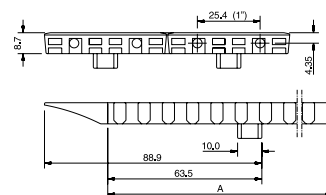
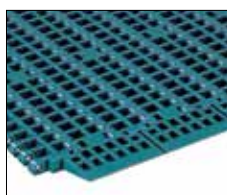
* In code numbers xx corresponds with the belt width (A), starting with 10 for 85 mm, 11 for 170 mm and so on with 85 mm increments, or optionally 5 mm, up to 6120 mm.

If you need flights, describe the belt by choosing from the required options listed in the 2nd column of the table:

Material	XLG, PSX, WHT or BHT	
Belt type	1000 FG or 1000 FGDP	(Double) Positrack not possible for WLT, BLT, WHT, BHT and SMB
Width (A)	F3IN or F2IN or F1IN	Belts with flights have a minimal width of 130 mm with 10 mm increments
Flights	F3 or F2 or F1	Standard height of 3", 2", 1" or special height in mm
Pitch between flights	T..P	Flights on every .. th row (must correspond to an even number of rows)
Flight side-indent	N.. (in mm)	Minimal 40 mm with 5 mm increments

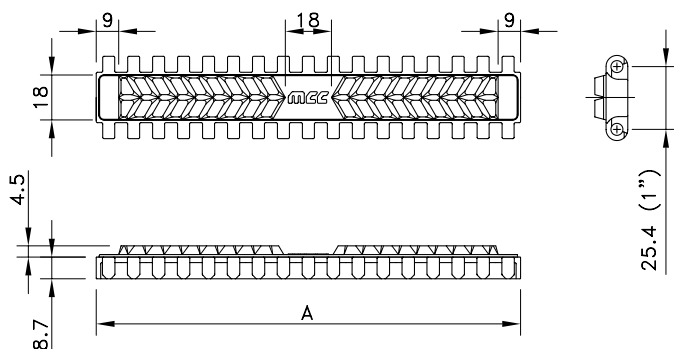
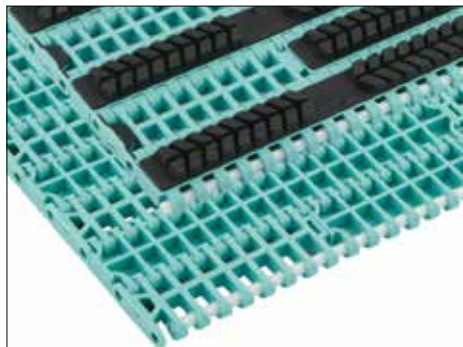


Positrack



Freeflow 1000-series

Supergrip 1000



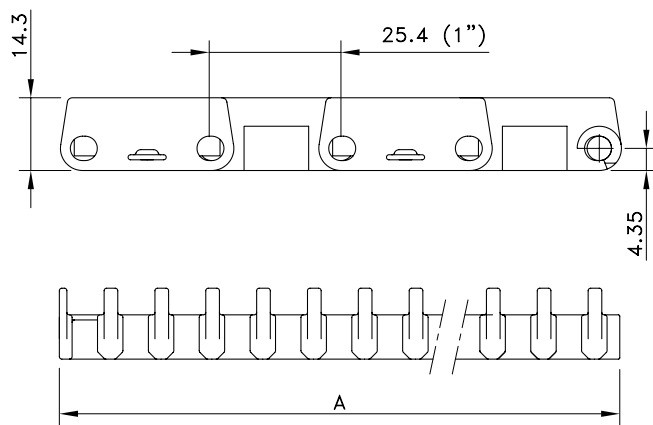
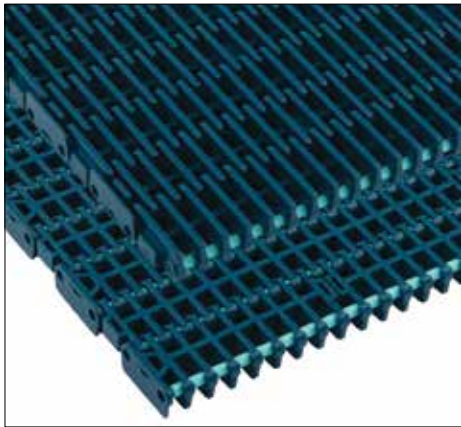
Assembly	Belt Type	Code Number*	Width A	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			mm	Dry	Wet	N/m (21°C)	kg/m²	mm
XLG-Acetal with Polypropylene Pins								
Standard	SG 1000 XLG 170	875.30.11	170	4 to 65	4 to 65	19000	7.34	30
	SG 1000 XLG 255	875.30.12	255				7.70	
	SG 1000 XLG 340	875.30.13	340				7.88	
	SG 1000 XLG 425	875.30.14	425				7.99	
	SG 1000 XLG 510	875.30.15	510				8.06	
	SG 1000 XLG 595	875.30.16	595				8.12	
	SG 1000 XLG 680	875.30.17	680				8.16	
Double positrack	SGDP 1000 XLG 170	875.59.11	170	4 to 65	4 to 65	19000	7.34	30
	SGDP 1000 XLG 255	875.59.12	255				7.70	
	SGDP 1000 XLG 340	875.59.13	340				7.88	
	SGDP 1000 XLG 425	875.59.14	425				7.99	
	SGDP 1000 XLG 510	875.59.15	510				8.06	
	SGDP 1000 XLG 595	875.59.16	595				8.12	
	SGDP 1000 XLG 680	875.59.17	680				8.16	
WHT-Polypropylene with PBT Pins								
Standard	SG 1000 WHT 255	875.25.12	255	4 to 104	4 to 104	11000	5.33	30
	SG 1000 WHT 340	875.25.13	340				5.50	
	SG 1000 WHT 425	875.25.14	425				5.60	
	SG 1000 WHT 510	875.25.15	510				5.66	
	SG 1000 WHT 595	875.25.16	595				5.71	
	SG 1000 WHT 680	875.25.17	680				5.75	

Special widths begin at 85 mm with 5 mm increments. Wider belts are available upon request.

Standard 100% rubber; other percentages can be supplied upon request.

Rubber top is a black elastomere, with a hardness of 40 (XP) or 50 (XLG) or 60 (WHT material has a white elastomere Rubber top) shore A.

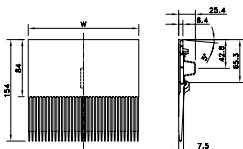
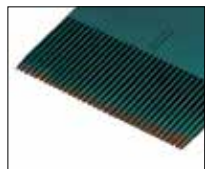
Raised Rib 1000



Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
XLG-Acetal with Polypropylene Pins							
Standard	XLG1000RR	817.10.xx	4 to 80	4 to 65	22000	7.95	50

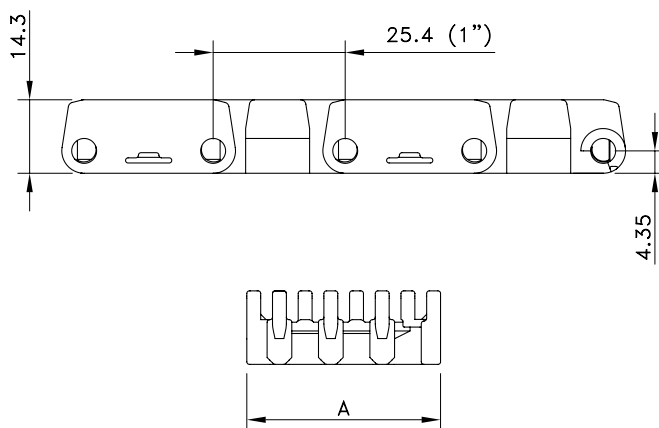
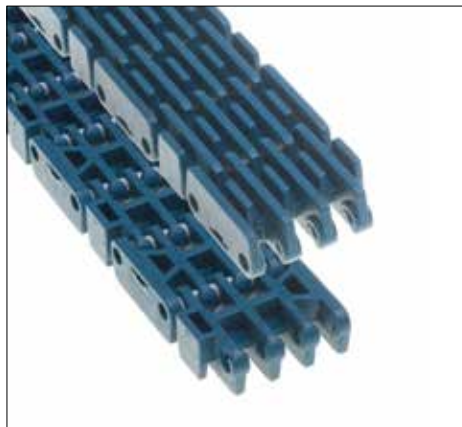
* In code numbers xx corresponds with the belt width (A), starting with 10 for 85 mm, 11 for 170 mm and so on with 85 mm increments, up to 6120 mm; see also page 208. Special widths begin at 85 mm with 5 mm increments.

Fingerplates Raised Rib



Type	Code Number	Weight	Width W	Length
		kg	mm	mm
XLG-Acetal				
TRAN PLT COMB XLG1000 154X170MM	10146446	0.14	168	154
TRAN PLT COMB XLG1000 154X85MM	10146445	0.07	83	

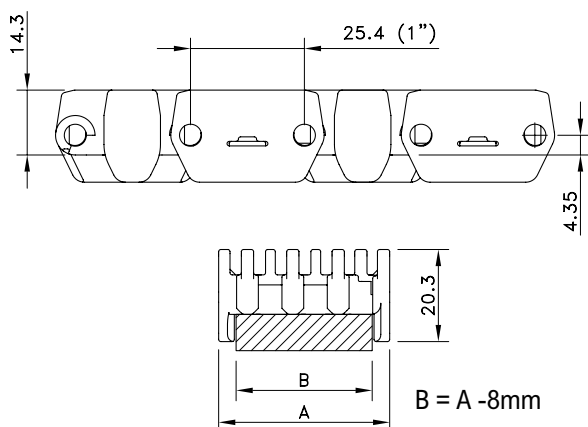
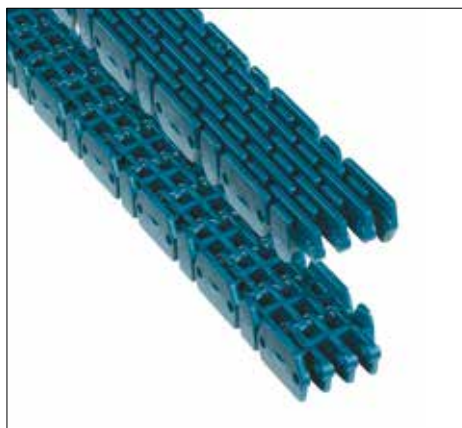
Raised Rib 1000 Narrow



Assembly	Belt Type	Code A Number	Width A	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			mm	Dry	Wet			N/m (21°C)
XLG-Acetal with PBT Pins								
Standard	XLG1000RR-28MM_MTW	10147974	28	-30 to +80	up to 65	400	0.35	50
	XLG1000RR-38MM_MTW	10147972	38	-30 to +80	up to 65	400	0.39	
	XLG1000RR-48MM_MTW	10147973	48	-30 to +80	up to 65	600	0.48	

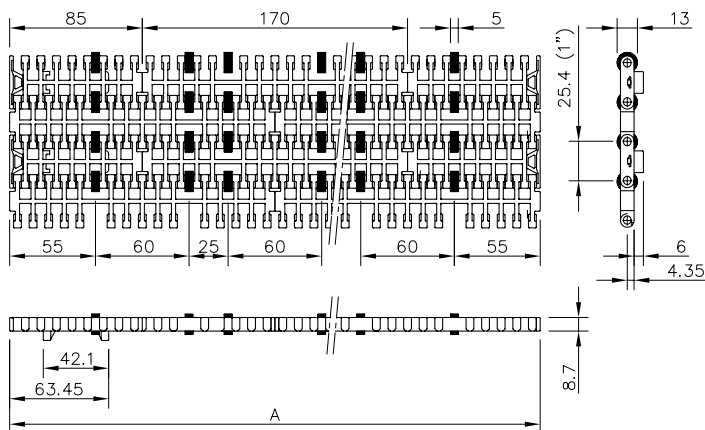
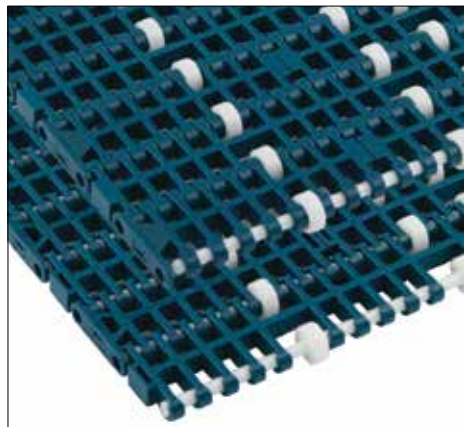
Standard length: 6.096 m - 20 feet.

Raised Rib 1000 Railtrack Narrow



Assembly	Belt Type	Code Number	Width A	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			mm	Dry	Wet	N/m (21°C)	kg/m²	mm
XLG-Acetal with PBT Pins								
Standard	XLG1000RRR-28MM_MTW	10147971	28	-30 to +80	up to 65	200	0.33	50
	XLG1000RRR-38MM_MTW	10147968	38	-30 to +80	up to 65	400	0.43	
	XLG1000RRR-48MM_MTW	10147969	48	-30 to +80	up to 65	600	0.53	
	XLG1000RRR-58MM_MTW	10147970	58	-30 to +80	up to 65	800	0.62	

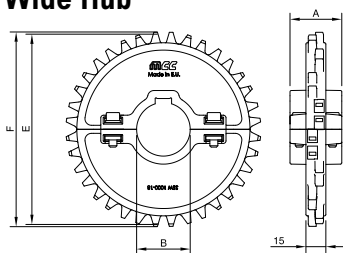
Standard length: 6.096 m - 20 feet.



Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
XLG-Acetal with PBT Pins							
Double Positrack	LBPDP 1000 XLG	874.47.xx	4 to 80	4 to 65	19400	5.40	25

* In code numbers xx corresponds with the belt width (A), starting with 11 for 170 mm, 12 for 255 mm and so on with 85 mm increments up to 6120 mm; see also page 211.

Split Sprockets Wide Hub



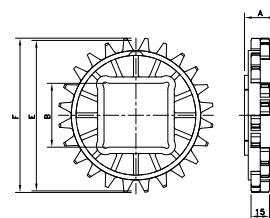
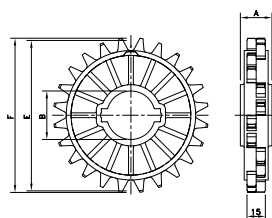
Sprocket Type	Code Number	Number of Teeth	Bore	Pitch Diameter E	Outside Diameter F	Hub Width A
			B			
			mm/inch	mm	mm	mm
Round Bores						
NS1000-16T_30MM_1KW_PA	10017957	16	30 mm	130.2	130.6	39
NS1000-16T_35MM_1KW_PA	10027358	16	35 mm			
NS1000-16T_40MM_1KW_PA	10017956	16	40 mm			
NS1000-18T_30MM_1KW_PA	10017960	18	30 mm	146.3	146.8	
NS1000-18T_35MM_1KW_PA	10027359	18	35 mm			
NS1000-18T_40MM_1KW_PA	10017959	18	40 mm			
NS1000-20T_30MM_1KW_PA	10027360	20	30 mm	162.4	163.1	
NS1000-20T_35MM_1KW_PA	10017965	20	35 mm			
NS1000-20T_40MM_1KW_PA	10017966	20	40 mm			
NS1000-20T_1-1/2IN_1KW_PA	10017967	20	1.5"	162.4	163.1	
Square Bores						
NS1000-16T_40MM_S_PA	10027464	16	40 mm	130.2	130.6	39
NS1000-18T_40MM_S_PA	10017961	18	40 mm	146.3	146.8	
NS1000-20T_40MM_S_PA	10027465	20	40 mm	162.4	163.1	

For wide hub sprockets with round bore one keyway is sufficient.

For humid, hot applications like pasteurizing, special sprockets are available; see next page.

Classic Sprockets

Classic Sprockets for Humid, Hot Applications like Pasteurizing



Sprocket Type	Code Number	Number of Teeth	Bore	Pitch Diameter E	Outside Diameter F	Hub Width A
			B			
			mm/inch	mm	mm	mm
Round Bores						
N1000-12T_30MM_2KW_PA	10334262	12	30 mm	98.1	96.5	20
N1000-12T_40MM_2KW_PA	10334263	12	40 mm			
N1000-18T_30MM_2KW_PA	10148154	18	30 mm	146.3	145.9	
N1000-18T_40MM_2KW_PA	10148153	18	40 mm			
N1000-18T_50MM_2KW_PA	10334271	18	50 mm			
N1000-20T_35MM_2KW_PA	10334279	20	35 mm	162.4	161.7	20
N1000-20T_40MM_2KW_PA	10334280	20	40 mm			
N1000-20T_50MM_2KW_PA	10148159	20	50 mm			
Square Bores						
N1000-18T_40MM_S_PA	10148155	18	40 mm	146.3	145.9	20
N1000-18T_60MM_S_PA	10334274	18	60 mm			30
N1000-20T_40MM_S_PA	10148160	20	40 mm	162.4	161.7	20
N1000-20T_60MM_S_PA	10334283	20	60 mm			30
Classic Sprockets for Humid, Hot Applications like Pasteurizing						
Square Bores						
N1000-12T_40MM_S_POM	10148119	12	40 mm	98.1	96.5	20
N1000-18T_40MM_S_POM	10148120	18	40 mm	146.3	145.9	20
N1000-20T_40MM_S_POM	10334276	20	40 mm	162.4	161.7	20