

Ammeraal Beltech Modular

Innovative belt and chain solutions
for every industry & application



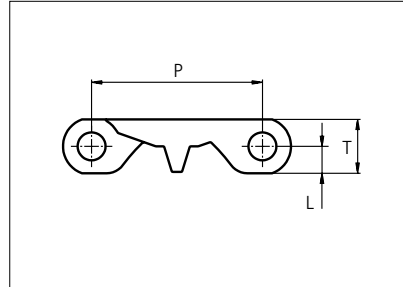
Content

uni MPB C	page 3 - 6
uni MPB 16%	page 7 - 10
uni MPB 18%	page 11 - 14
uni MPB 20%	page 15 - 18
uni MPB 22%	page 19 - 22
uni Pop-up flight	page 23 - 26
uni MPB Flights	page 27 - 30
uni MPB G	page 31 - 34
uni MPB N	page 35 - 38
uni MPB RO	page 39 - 40



Plastic Modular Belt

Series **uni MPB** Type **C**



Straight running belt
 Nominal pitch: 50.8 mm (2.00 in)
 Surface type: Flat
 Surface opening: Closed
 Backflex radius: 65.0 mm (2.6 in)
 Pin diameter: 8 mm (0.31 in)

Belt material & color	POM-DI W B	PP W B	PE-I N B	mm	in	T	mm	in
				P (Nominal)	50.8		2.00	16.0
Pin material & color	PP W		PE W	L	8.0	0.31	-	-

Non standard material and color: See uni Material and Color Overview.

Alternative pin and lock materials: Pin: PA6.6 N PP W PE W PBT LG SS304 Lockpin: PA6.6 B PBT LG Trilock: PA6.6 N

Belt width		Permissible tensile force (Belt/pin material)						Belt weight (Belt/pin material)						*Min. No. drive sprocket per shaft	Number of wear strips (Min. No.)	
		POM-DI/PP		PP/PP		PE-I/PE		POM-DI/PP		PP/PP		PE-I/PE			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	N	lbf	N	lbf	Kg/m	lb/ft	Kg/m	lb/ft	Kg/m	lb/ft			
68	2.7	1870	420	1088	245	884	199	0.8	0.54	0.6	0.38	0.6	0.40	2	2	2
84	3.3	2306	518	1341	302	1090	245	1.0	0.67	0.7	0.47	0.7	0.50	2	2	2
151	5.9	4153	933	2416	543	1963	441	1.8	1.21	1.3	0.84	1.3	0.89	2	2	2
168	6.6	4620	1039	2688	604	2184	491	2.0	1.34	1.4	0.94	1.5	0.99	2	2	2
185	7.3	5088	1144	2960	665	2405	541	2.2	1.48	1.5	1.03	1.6	1.09	2	2	2
202	8.0	5555	1249	3232	727	2626	590	2.4	1.62	1.7	1.13	1.8	1.19	2	2	2
219	8.6	6023	1354	3504	788	2847	640	2.6	1.75	1.8	1.22	1.9	1.30	2	2	2
235	9.3	6463	1453	3760	845	3055	687	2.8	1.88	2.0	1.31	2.1	1.39	2	2	2

Additional standard belt widths are available in steps of 16.8 mm (0.66 in.)

655	25.8	18013	4049	10480	2356	8515	1914	7.8	5.24	5.4	3.65	5.8	3.87	5	5	3
672	26.5	18480	4154	10752	2417	8736	1964	8.0	5.37	5.6	3.75	5.9	3.97	5	5	3
688	27.1	18920	4253	11008	2475	8944	2011	8.2	5.50	5.7	3.84	6.1	4.07	5	5	3
705	27.8	19388	4358	11280	2536	9165	2060	8.4	5.64	5.9	3.93	6.2	4.17	5	5	3
722	28.4	19855	4463	11552	2597	9386	2110	8.6	5.77	6.0	4.03	6.4	4.27	5	5	3

Additional standard belt widths are available in steps of 16.8 mm (0.66 in.)

1963	77.3	53983	12135	31408	7061	25519	5737	23.4	15.70	16.3	10.95	17.3	11.61	14	14	7
------	------	-------	-------	-------	------	-------	------	------	-------	------	-------	------	-------	----	----	---

Additional standard belt widths are available in steps of 16.8 mm (0.66 in.)

2970	116.9	81675	18361	47520	10682	38610	8680	35.3	23.75	24.7	16.57	26.1	17.56	20	20	10
------	-------	-------	-------	-------	-------	-------	------	------	-------	------	-------	------	-------	----	----	----

General belt tolerance is +0/-0.4% at 23°C/73°F. For exact belt width contact Customer Service. Non standard belt width on request.

*Max. Load per Drive Sprocket. Belt material: POM-DI with snub roller 2000 N (450 lbf) without snub roller 1250 N (281 lbf).

**Max. Spacing between wear strips, Carry: 152 mm (6 in); Return: 304 mm (12 in).

= Single Link



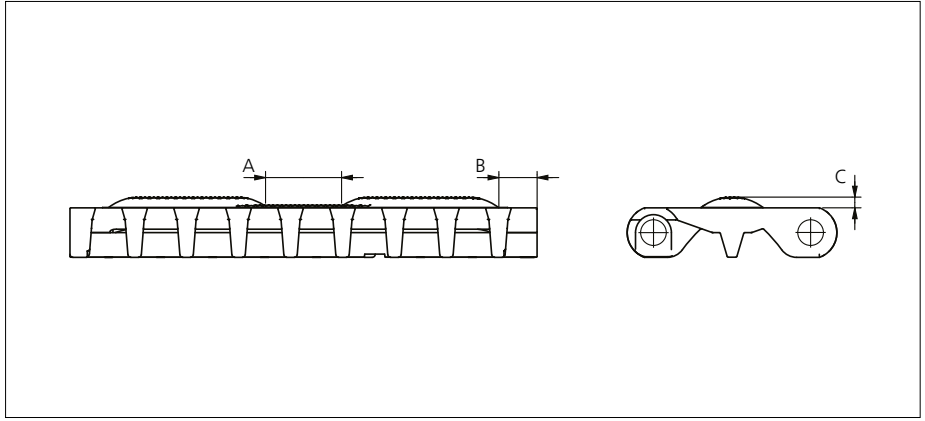
STANDARD

STRAIGHT RUNNING

PITCH 50.8 MM/2.00 IN

Accessories

Rubber Top

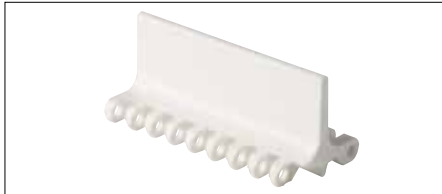


Type	Belt Material & color	Rubber Material & color	A		B		C		Link size	Width	
			mm	in	mm	in	mm	in		mm	in
Curved Rough	POM-DI W	01 N	24.0	0.94	10.0	0.39	3.5	0.14	K600	151.0	5.94

Non Standard material and color: See uni Material and Color Overview.

Accessories

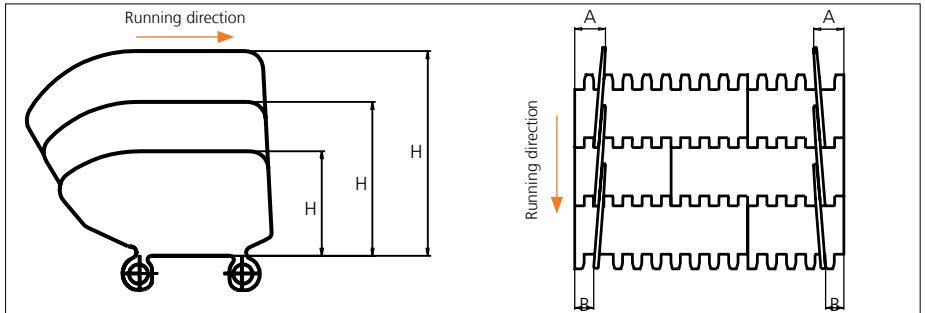
Flight



See separate uni MPB series Flight datasheet.

Accessories

Side Guard



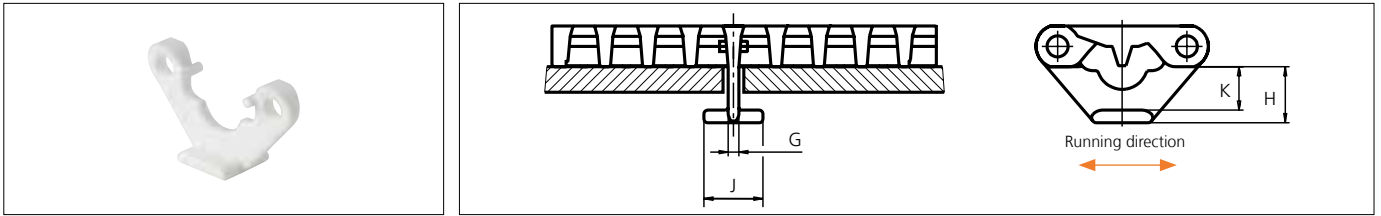
Type	Side Guard Material & color	H		A		B	
		mm	in	mm	in	mm	in
Closed	PE-I B N	50.8	2.00	32.0	1.26	16.0	0.63
	PP-I W B	76.2	3.00				
		101.6	4.00				

*34.0 mm (1.34 in) combined with flight. Increment: 8.4 mm (0.33 in).

Note: Backflex radius when Side Guards are used: 200.0 mm (7.90 in)

Accessories

Tab



Type	Tab Material & color	G		J		K		H	
		mm	in	mm	in	mm	in	mm	in
Bottom Hold Down	POM-DI w	4.2	0.17	23.2	0.91	17.0	0.67	22.0	0.87

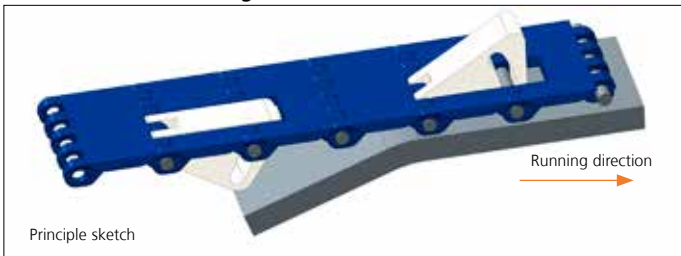
Note: When using tabs, please verify sufficient clearance to the shaft. Max. shaft diameter = Sprocket pitch diameter - 63.5 mm (2.50 in). When using square shafts, please verify that the diagonal does not exceed max. diameter. Example: Sprocket z = 6: Max. shaft diameter 101.6 - 63.5 = \varnothing 38.1 mm (4.00 - 2.50 = \varnothing 1.4 in).

Note: When using a belt system with tabs, the temperature should be constant. Please note that the tabs are not always placed in the middle of the belt.

Non Standard material and color: See uni Material and Color Overview.

Accessories

Non standard uni AmFlight

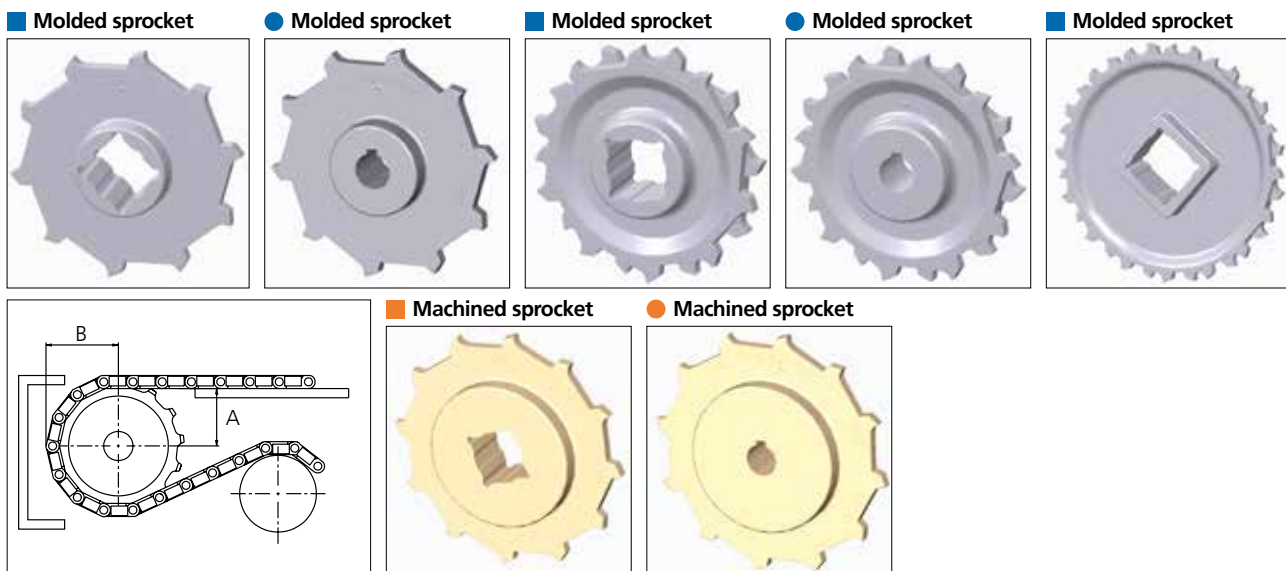


Other non standard option: See uni AmFlight Overview.

Sprocket

No of teeth	Bore size													Overall diameter		Pitch diameter		Hub diameter		A-dimension		B-dimension		Single row/One way	Double row/Two way	PA6 LG	PA6 N
	Pilot bore	in	0.75	0.78	0.98	1.00	1.18	1.25	1.50	1.57	2.36	2.50	3.54														
	mm	19.1	20.0	25.0	25.4	30.0	31.8	38.1	40.0	60.0	63.5	90.0	mm	in	mm	in	mm	in	mm	in	Molded	Machined					
Z06	x				●	●	●	■	■			99.5	3.92	101.6	4.00	65.0	2.56	36.0	1.42	59.3	2.33	x		x			
Z08	x				●	●	●	■	■			132.9	5.23	132.8	5.23	70.0	2.75	53.3	2.10	74.9	2.94	x	x	x			
Z10	x				●	●	●	■	■			166.3	6.55	164.4	6.47	70.0	2.75	70.2	2.76	90.7	3.57	x	x	x			
Z10										■	■	166.3	6.55	164.4	6.47	120.0	4.72	70.2	2.76	90.7	3.57	x	x	x			
Z12	x				●	●	●	■	■			198.6	7.82	196.3	7.73	70.0	2.75	86.8	3.42	106.6	4.19	x	x	x			
Z12										■	■	198.6	7.82	196.3	7.73	120.0	4.72	86.8	3.42	106.6	4.19	x	x	x			
Z16					●	●	●	■	■	■	■	263.8	10.39	260.4	10.25	160.0	6.30	119.7	4.71	138.7	5.46		x	x			
Z16	x				●	●	●	■	■	■	■	263.8	10.39	260.4	10.25	150.0	5.90	119.7	4.71	138.7	5.46	x			x		

Non standard material and color:
See uni Material and Color Overview.



Other sprocket sizes are available upon request.

Two-part sprocket are available upon request.

Round bores are always delivered with keyway.

Other bore sizes are available upon request.

uni Retainer Rings: See uni Retainer Ring data sheet

Width of sprocket = Single row: 42.3 mm (1.66 in)

Double row: 50.0 mm (1.96 in)

Width of tooth = Single row: 9.5 mm (0.37 in)

Double row: 17.0 mm (0.66 in)

Max. load per sprocket shown does not take bore size into account.

Please also ensure that sufficient size shaft is chosen for corresponding load.

For correct sprocket position: See uni Assembly Instructions for uni MPB.

For more detailed sprocket information, contact Customer Service.



Expert advice, quality solutions and local service for all your belting needs
www.ammeraalbeltech.com

Ammeraal Beltech Modular A/S
Hjulmagervej 21
DK-7100 Vejle

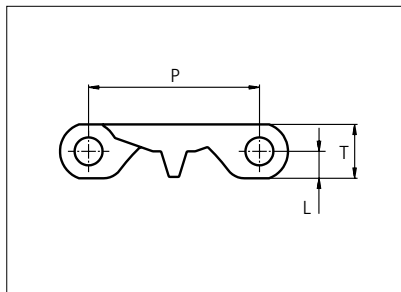
T +45 7572 3100
F +45 7572 3348
admin@unichains.com
www.unichains.com

This information is subject to alteration due to continuous development. Ammeraal Beltech will not be held liable for the incorrect use of the above stated information. This information replaces previous information. All activities performed and services rendered by Ammeraal Beltech are subject to general terms and conditions of sale and delivery, as applied by its operating companies.



Plastic Modular Belt

Series **uni MPB** Type **16%**



Straight running belt
 Nominal pitch: 50.8 mm (2.00 in)
 Surface type: Flat
 Surface opening: 16%
 Backflex radius: 65.0 mm (2.60 in)
 Pin diameter: 8 mm (0.31 in)

Belt material & color	PP W	PE-I N	mm	in	T	mm	in
	Pin material & color	PP W					
			L	8.0	0.31	-	-

Non standard material and color: See uni Material and Color Overview.

Alternative pin and lock materials: Pin: PA6.6 **N** PP **W** PE **W** PBT **LG** SS304 Lockpin: PA6.6 **B** PBT **LG** Trilock: PA6.6 **N**

Belt width		Permissible tensile force (Belt/pin material)				Belt weight (Belt/pin material)				*Min. No. drive sprocket per shaft	Number of wear strips (Min. No.)	
		PP/PP		PE-I/PE		PP/PP		PE-I/PE			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft			
151	5.9	2416	543	1963	441	1.1	0.76	1.2	0.81	2	2	2
202	8.0	3232	727	2626	590	1.5	1.02	1.6	1.09	2	2	2
252	9.9	4032	906	3276	736	1.9	1.27	2.0	1.35	2	2	2
302	11.9	4832	1086	3926	883	2.3	1.52	2.4	1.62	3	3	2
353	13.9	5648	1270	4589	1032	2.6	1.78	2.8	1.90	3	3	2
403	15.9	6448	1450	5239	1178	3.0	2.03	3.2	2.17	3	3	2
453	17.8	7248	1629	5889	1324	3.4	2.28	3.6	2.44	4	4	2
504	19.8	8064	1813	6552	1473	3.8	2.54	4.0	2.71	4	4	2
554	21.8	8864	1993	7202	1619	4.2	2.79	4.4	2.98	4	4	2
604	23.8	9664	2172	7852	1765	4.5	3.04	4.8	3.25	5	5	3
655	25.8	10480	2356	8515	1914	4.9	3.30	5.2	3.52	5	5	3
705	27.8	11280	2536	9165	2060	5.3	3.55	5.6	3.79	5	5	3
755	29.7	12080	2716	9815	2206	5.7	3.81	6.0	4.06	6	6	3

Additional standard belt widths are available in steps of 50.3 mm (1.98 in) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in.)

1963	77.3	31408	7061	25519	5737	14.7	9.89	15.7	10.55	14	14	7
------	------	-------	------	-------	------	------	------	------	-------	----	----	---

Additional standard belt widths are available in steps of 50.3 mm (1.98 in) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in.)

2970	116.9	47520	10682	38610	8680	22.3	14.97	23.8	15.97	20	20	10
------	-------	-------	-------	-------	------	------	-------	------	-------	----	----	----

General belt tolerance is +0/-0.4% at 23°C/73°F and 50% RH. For exact belt width contact Customer Service. Non standard belt width on request.

*Max. Load per Drive Sprocket. Belt material: PP with snub roller 2000 N (450 lbf) without snub roller 1250 N (281 lbf).

**Max. Spacing between wear strips, Carry: 152 mm (6 in); Return: 304 mm (12 in)

= Single Link



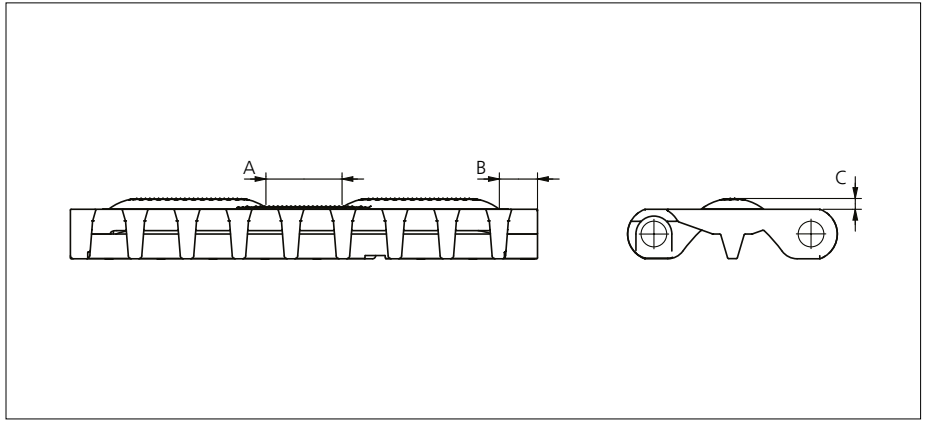
STANDARD

STRAIGHT RUNNING

PITCH 50.8 MM/2.00 IN

Accessories

Rubber Top



Type	Belt Material & color	Rubber Material & color	A		B		C		Link size	Width	
			mm	in	mm	in	mm	in		mm	in
Curved Rough	POM-DI W	01 N	24.0	0.94	10.0	0.39	3.5	0.14	K600	151.0	5.94

Non Standard material and color: See uni Material and Color Overview.

Accessories

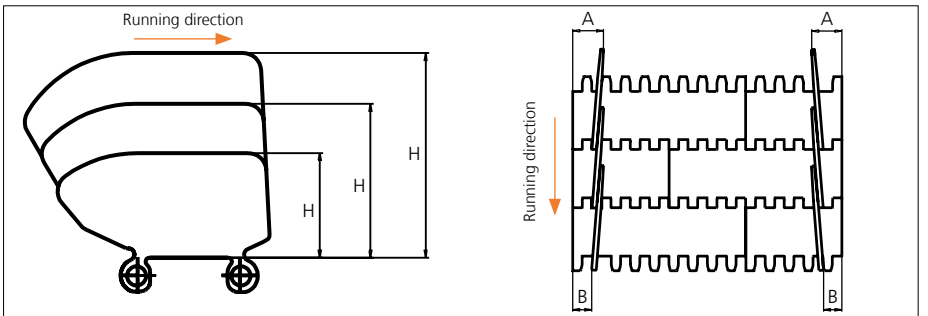
Flight



See separate uni MPB series Flight datasheet.

Accessories

Side Guard



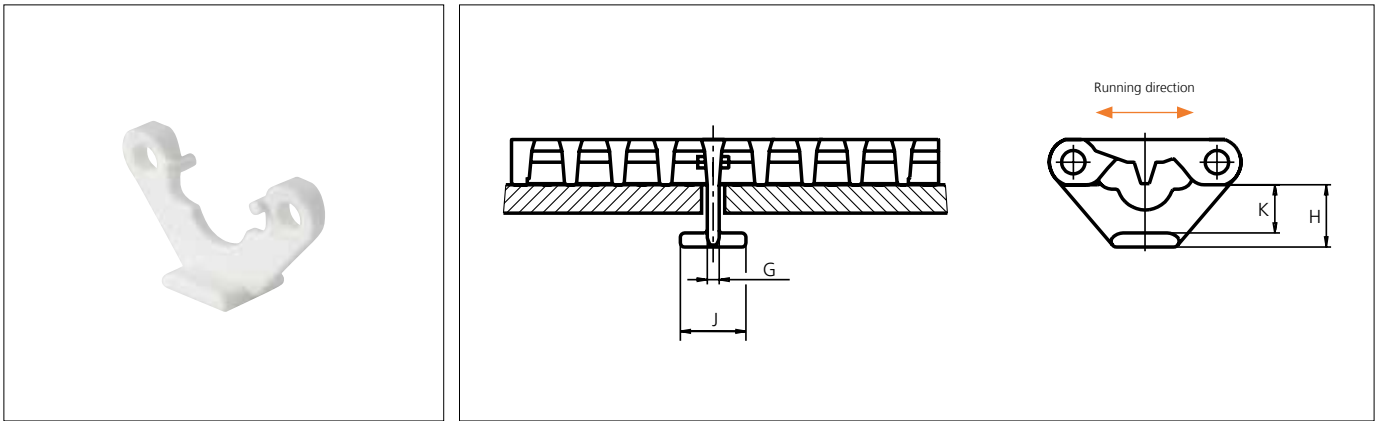
Type	Side Guard Material & color	H		A		B	
		mm	in	mm	in	mm	in
Closed	PE-I B N PP-I W B	50.8	2.00	32.0	1.26	16.0	0.63
		76.2	3.00				
		101.6	4.00				

*34.0 mm (1.34 in) combined with flight. Increment: 8.4 mm (0.33 in).

Note: Backflex radius when Side Guards are used: 200.0 mm (7.90 in)

Accessories

Tab



Type	Tab Material & color	G		J		K		H	
		mm	in	mm	in	mm	in	mm	in
Bottom Hold Down	POM-DI w	4.2	0.17	23.2	0.91	17.0	0.67	22.0	0.87

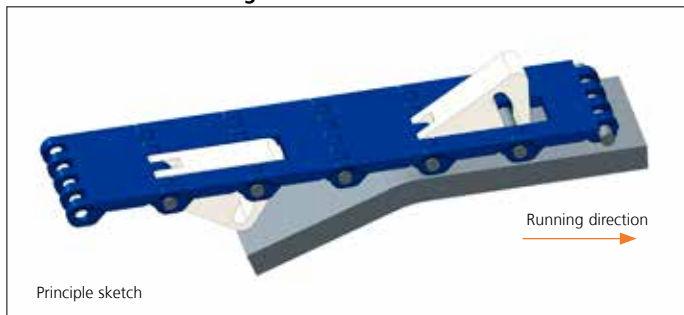
Note: When using tabs, please verify sufficient clearance to the shaft. Max. shaft diameter = Sprocket pitch diameter - 63.5 mm (2.50 in). When using square shafts, please verify that the diagonal does not exceed max. diameter. Example: Sprocket z = 6: Max. shaft diameter 101.6 - 63.5 = \varnothing 38.1 mm (4.00 - 2.50 = \varnothing 1.4 in).

Note: When using a belt system with tabs, the temperature should be constant. Please note that the tabs are not always placed in the middle of the belt.

Non Standard material and color: See uni Material and Color Overview.

Accessories

Non standard uni AmFlight

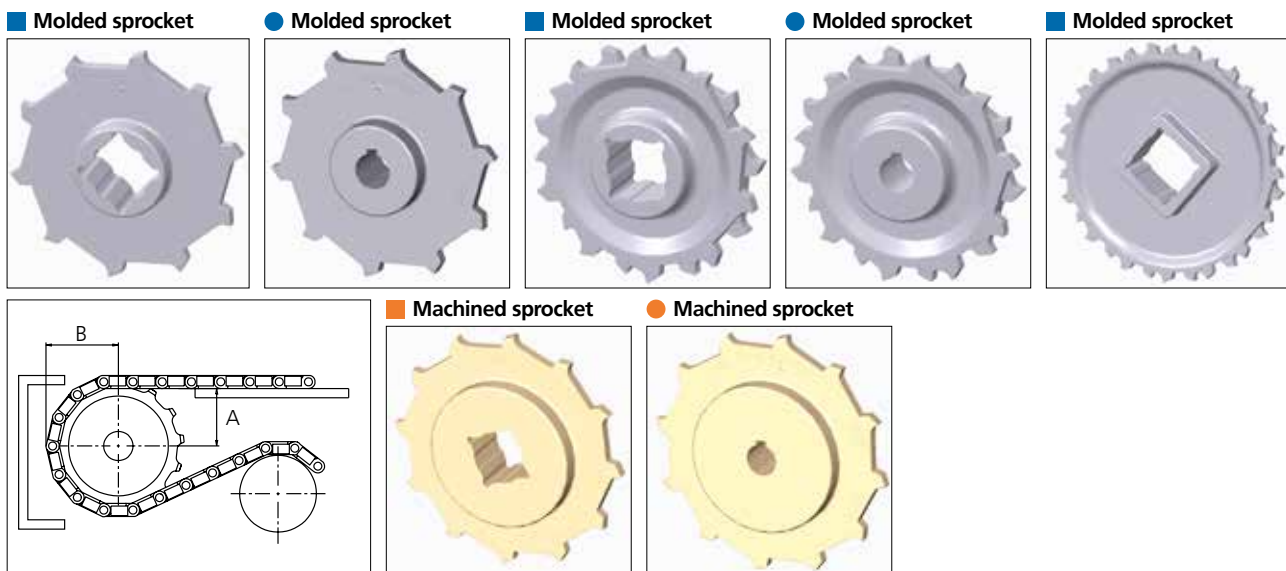


Other non standard option: See uni AmFlight Overview.

Sprocket

No of teeth	Bore size												Overall diameter		Pitch diameter		Hub diameter		A-dimension		B-dimension		Single row/One way	Double row/Two way	PA6 LG	PA6 N
	Pilot bore	in	0.75	0.78	0.98	1.00	1.18	1.25	1.50	1.57	2.36	2.50														
	mm	19.1	20.0	25.0	25.4	30.0	31.8	38.1	40.0	60.0	63.5	90.0	mm	in	mm	in	mm	in	mm	in	Molded	Machined				
Z06	x				●	●	●	■	■			99.5	3.92	101.6	4.00	65.0	2.56	36.0	1.42	59.3	2.33	x		x		
Z08	x				●	●	●	■	■			132.9	5.23	132.8	5.23	70.0	2.75	53.3	2.10	74.9	2.94	x	x	x		
Z10	x					●	●	■	■			166.3	6.55	164.4	6.47	70.0	2.75	70.2	2.76	90.7	3.57	x	x	x		
Z10										■	■	166.3	6.55	164.4	6.47	120.0	4.72	70.2	2.76	90.7	3.57	x	x	x		
Z12	x					●	●	■	■			198.6	7.82	196.3	7.73	70.0	2.75	86.8	3.42	106.6	4.19	x	x	x		
Z12										■	■	198.6	7.82	196.3	7.73	120.0	4.72	86.8	3.42	106.6	4.19	x	x	x		
Z16						●	●	■	■			263.8	10.39	260.4	10.25	160.0	6.30	119.7	4.71	138.7	5.46		x	x		
Z16	x					●	●	■	■			263.8	10.39	260.4	10.25	150.0	5.90	119.7	4.71	138.7	5.46	x			x	

Non standard material and color:
See uni Material and Color Overview.



Other sprocket sizes are available upon request.
Two-part sprocket are available upon request.
Round bores are always delivered with keyway.
Other bore sizes are available upon request.
uni Retainer Rings: See uni Retainer Ring data sheet
Width of sprocket = Single row: 42.3 mm (1.66 in)
Double row: 50.0 mm (1.96 in)
Width of tooth = Single row: 9.5 mm (0.37 in)
Double row: 17.0 mm (0.66 in)

Max. load per sprocket shown does not take bore size into account.
Please also ensure that sufficient size shaft is chosen for corresponding load.

For correct sprocket position: See uni Assembly Instructions for uni MPB.
For more detailed sprocket information, contact Customer Service.



Expert advice, quality solutions and local service for all your belting needs
www.ammeraalbeltech.com

Ammeraal Beltech Modular A/S
Hjulmagervej 21
DK-7100 Vejle

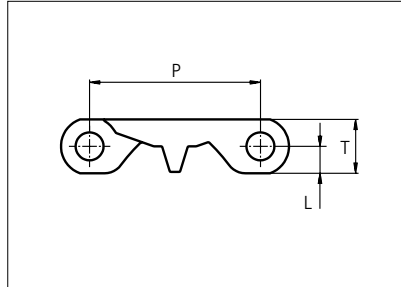
T +45 7572 3100
F +45 7572 3348
admin@unichains.com
www.unichains.com

This information is subject to alteration due to continuous development. Ammeraal Beltech will not be held liable for the incorrect use of the above stated information. This information replaces previous information. All activities performed and services rendered by Ammeraal Beltech are subject to general terms and conditions of sale and delivery, as applied by its operating companies.



Plastic Modular Belt

Series **uni MPB** Type **18%**



Straight running belt
 Nominal pitch: 50.8 mm (2.00 in)
 Surface type: Flat
 Surface opening: 18%
 Backflex radius: 65.0 mm (2.6 in)
 Pin diameter: 8 mm (0.31 in)

Belt material & color	POM-DI W	PP W	PE-I N	PP-HW LB	P (Nominal)	mm	in	T	mm	in
						50.8	2.00		16.0	0.63
Pin material & color	Pin: PP W		Pin: PE W	Pin: PP-HW LB	L	8.0	0.31	-	-	-

Non standard material and color: See uni Material and Color Overview.

Alternative pin and lock materials: Pin: PA6.6 **N** PP **W** PE **W** PBT **LG** SS304 Lockpin: PA6.6 **B** PBT **LG** Trilock: PA6.6 **N**

Belt width		Permissible tensile force (Belt/pin material)						Belt weight (Belt/pin material)						*Min. No. drive sprocket per shaft	Number of wear strips (Min. No.)	
		POM-DI/PP		PP/PP PP-HW/PP-HW		PE-I/PE		POM-DI/PP		PP/PP PP-HW/PP-HW		PE-I/PE			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft			
68	2.7	1870	420	1088	245	884	199	0.8	0.51	0.5	0.34	0.5	0.37	2	2	2
84	3.3	2307	519	1342	302	1091	245	0.9	0.63	0.6	0.42	0.7	0.45	2	2	2
151	5.9	4153	933	2416	543	1963	441	1.7	1.13	1.1	0.76	1.2	0.81	2	2	2
185	7.3	5075	1141	2953	664	2399	539	2.0	1.38	1.4	0.93	1.5	0.99	2	2	2
202	8.0	5555	1249	3232	727	2626	590	2.2	1.51	1.5	1.02	1.6	1.09	2	2	2
252	9.9	6930	1558	4032	906	3276	736	2.8	1.88	1.9	1.27	2.0	1.35	2	2	2
302	11.9	8305	1867	4832	1086	3926	883	3.4	2.25	2.3	1.52	2.4	1.62	3	3	2
353	13.9	9708	2182	5648	1270	4589	1032	3.9	2.63	2.6	1.78	2.8	1.90	3	3	2
403	15.9	11083	2491	6448	1450	5239	1178	4.5	3.01	3.0	2.03	3.2	2.17	3	3	2
453	17.8	12458	2800	7248	1629	5889	1324	5.0	3.38	3.4	2.28	3.6	2.44	4	4	2
504	19.8	13860	3116	8064	1813	6552	1473	5.6	3.76	3.8	2.54	4.0	2.71	4	4	2
554	21.8	15235	3425	8864	1993	7202	1619	6.1	4.13	4.2	2.79	4.4	2.98	4	4	2

Additional standard belt widths are available in steps of 50.3 mm (1.98 in.) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in.)

1963	77.3	53983	12135	31408	7061	25519	5737	21.8	14.64	14.7	9.89	15.7	10.55	14	14	7
------	------	-------	-------	-------	------	-------	------	------	-------	------	------	------	-------	----	----	---

Additional standard belt widths are available in steps of 50.3 mm (1.98 in.) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in.)

2970	116.9	81675	18361	47520	10682	38610	8680	33.0	22.16	22.3	14.97	23.8	15.97	20	20	10
------	-------	-------	-------	-------	-------	-------	------	------	-------	------	-------	------	-------	----	----	----

General belt tolerance is +0/-0.4% at 23°C/73°F and 50% RH. For exact belt width contact Customer Service. Non standard belt width on request.

*Max. Load per Drive Sprocket. Belt material: POM-DI with snub roller 2000 N (450 lbf) without snub roller 1250 N (281 lbf).

**Max. Spacing between wear strips, Carry: 152 mm (6 in); Return: 304 mm (12 in).

= Single Link



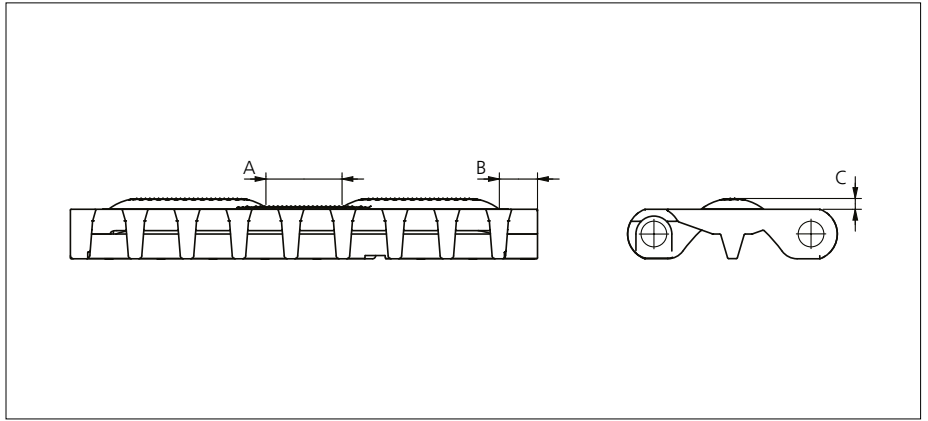
STANDARD

STRAIGHT RUNNING

PITCH 50.8 MM/2.00 IN

Accessories

Rubber Top

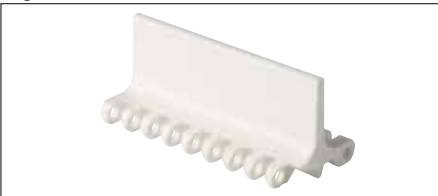


Type	Belt Material & color	Rubber Material & color	A		B		C		Link size	Width	
			mm	in	mm	in	mm	in		mm	in
Curved Rough	POM-DI W	01 N	24.0	0.94	10.0	0.39	3.5	0.14	K600	151.0	5.94

Non Standard material and color: See uni Material and Color Overview.

Accessories

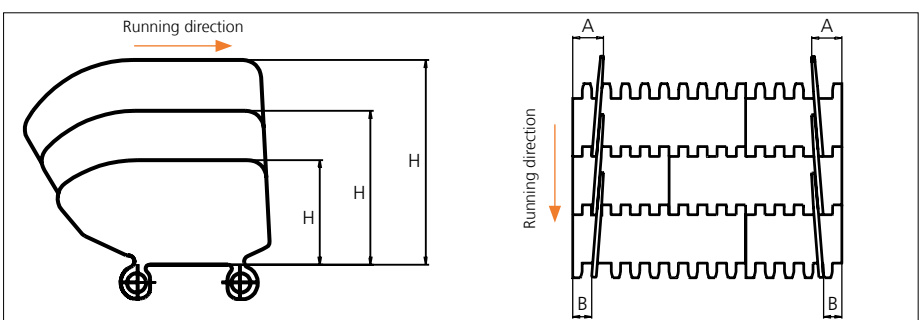
Flight



See separate uni MPB series Flight datasheet.

Accessories

Side Guard



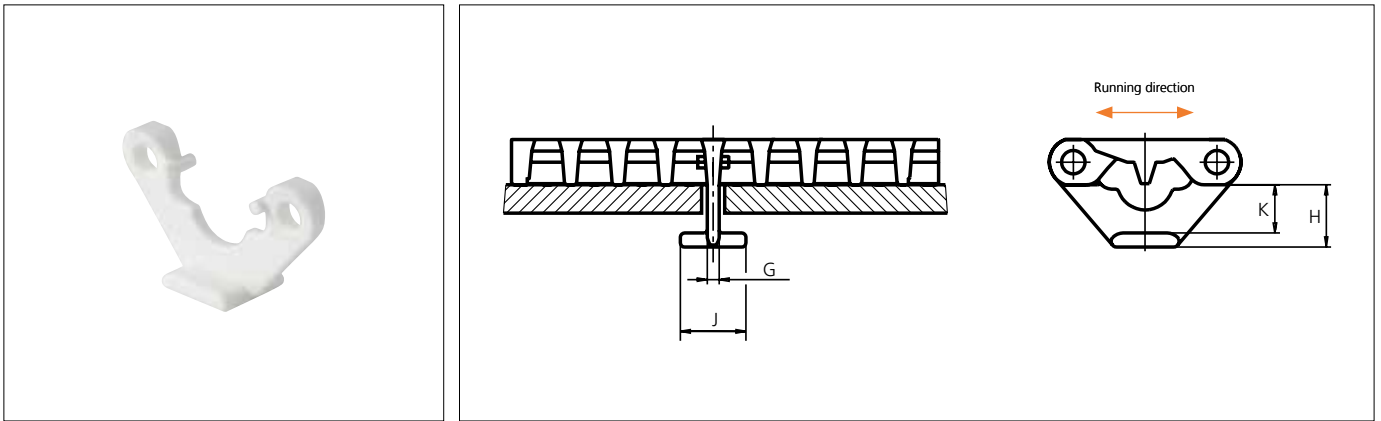
Type	Side Guard Material & color	H		A		B	
		mm	in	mm	in	mm	in
Closed	PE-I B N	50.8	2.00	32.0	1.26	16.0	0.63
	PP-I W B	76.2	3.00				
		101.6	4.00				

*34.0 mm (1.34 in) combined with flight. Increment: 8.4 mm (0.33 in).

Note: Backflex radius when Side Guards are used: 200.0 mm (7.90 in)

Accessories

Tab



Type	Tab Material & color	G		J		K		H	
		mm	in	mm	in	mm	in	mm	in
Bottom Hold Down	POM-DI w	4.2	0.17	23.2	0.91	17.0	0.67	22.0	0.87

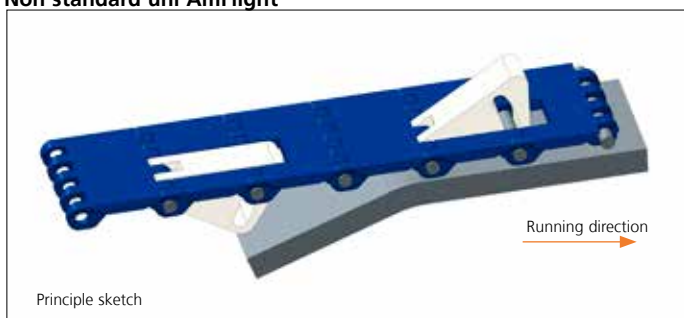
Note: When using tabs, please verify sufficient clearance to the shaft. Max. shaft diameter = Sprocket pitch diameter - 63.5 mm (2.50 in). When using square shafts, please verify that the diagonal does not exceed max. diameter. Example: Sprocket z = 6: Max. shaft diameter 101.6 - 63.5 = \varnothing 38.1 mm (4.00 - 2.50 = \varnothing 1.4 in).

Note: When using a belt system with tabs, the temperature should be constant. Please note that the tabs are not always placed in the middle of the belt.

Non Standard material and color: See uni Material and Color Overview.

Accessories

Non standard uni AmFlight

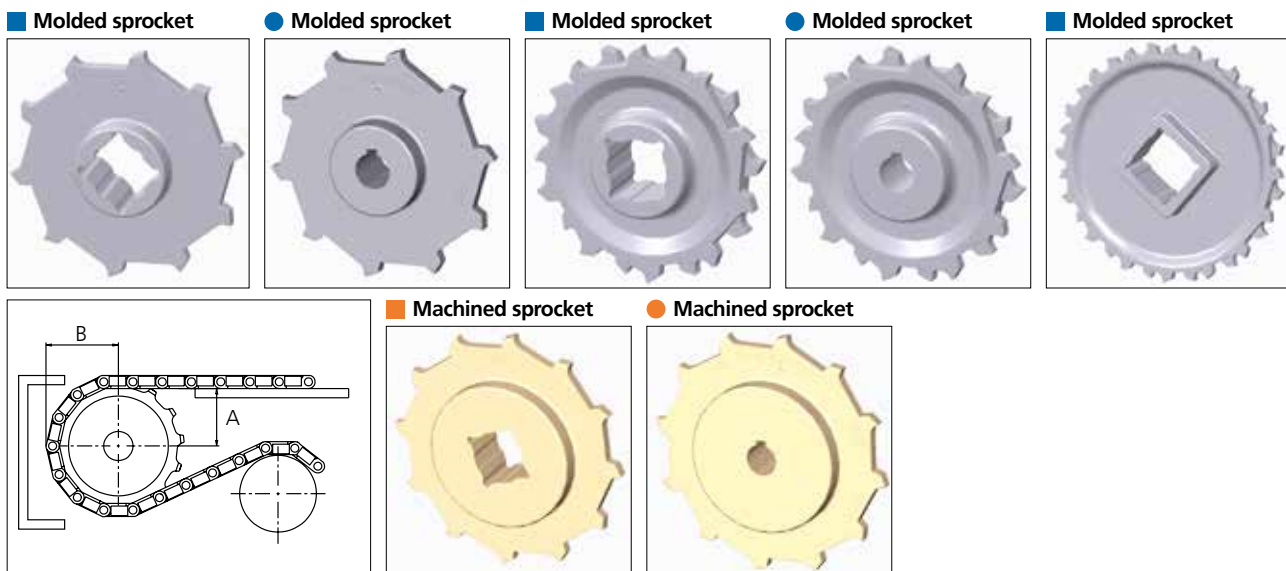


Other non standard option: See uni AmFlight Overview.

Sprocket

No of teeth	Bore size													Overall diameter		Pitch diameter		Hub diameter		A-dimension		B-dimension		Single row/One way	Double row/Two way	PA6 LG	PA6 N
	Pilot bore	in	0.75	0.78	0.98	1.00	1.18	1.25	1.50	1.57	2.36	2.50	3.54														
	mm	19.1	20.0	25.0	25.4	30.0	31.8	38.1	40.0	60.0	63.5	90.0	mm	in	mm	in	mm	in	mm	in							
Z06	x				●	●	●	■	■			99.5	3.92	101.6	4.00	65.0	2.56	36.0	1.42	59.3	2.33	x		x			
Z08	x				●	●	●	■	■			132.9	5.23	132.8	5.23	70.0	2.75	53.3	2.10	74.9	2.94	x	x	x			
Z10	x					●	●	■	■			166.3	6.55	164.4	6.47	70.0	2.75	70.2	2.76	90.7	3.57	x	x	x			
Z10										■	■	166.3	6.55	164.4	6.47	120.0	4.72	70.2	2.76	90.7	3.57	x	x	x			
Z12	x					●	●	■	■			198.6	7.82	196.3	7.73	70.0	2.75	86.8	3.42	106.6	4.19	x	x	x			
Z12										■	■	198.6	7.82	196.3	7.73	120.0	4.72	86.8	3.42	106.6	4.19	x	x	x			
Z16						●	●	■	■			263.8	10.39	260.4	10.25	160.0	6.30	119.7	4.71	138.7	5.46		x	x			
Z16	x					●	●	■	■			263.8	10.39	260.4	10.25	150.0	5.90	119.7	4.71	138.7	5.46	x			x		

Non standard material and color:
See uni Material and Color Overview.



Other sprocket sizes are available upon request.

Two-part sprocket are available upon request.

Round bores are always delivered with keyway.

Other bore sizes are available upon request.

uni Retainer Rings: See uni Retainer Ring data sheet

Width of sprocket = Single row: 42.3 mm (1.66 in)

Double row: 50.0 mm (1.96 in)

Width of tooth = Single row: 9.5 mm (0.37 in)

Double row: 17.0 mm (0.66 in)

Max. load per sprocket shown does not take bore size into account.

Please also ensure that sufficient size shaft is chosen for corresponding load.

For correct sprocket position: See uni Assembly Instructions for uni MPB.

For more detailed sprocket information, contact Customer Service.



Expert advice, quality solutions and local service for all your belting needs
www.ammeraalbeltech.com

Ammeraal Beltech Modular A/S
Hjulmagervej 21
DK-7100 Vejle

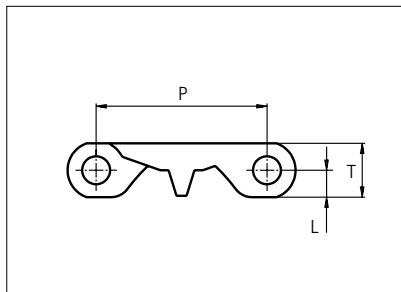
T +45 7572 3100
F +45 7572 3348
admin@unichains.com
www.unichains.com

This information is subject to alteration due to continuous development. Ammeraal Beltech will not be held liable for the incorrect use of the above stated information. This information replaces previous information. All activities performed and services rendered by Ammeraal Beltech are subject to general terms and conditions of sale and delivery, as applied by its operating companies.



Plastic Modular Belt

Series **uni MPB** Type **20%**



Straight running belt
 Nominal pitch: 50.8 mm (2.00 in)
 Surface type: Flat
 Surface opening: 20%
 Backflex radius: 65.0 mm (2.6 in)
 Pin diameter: 8 mm (0.31 in)

Belt material & color	PP W	PE-I N	mm	in	mm	in
	Pin material & color	PP W				
			50.8	2.00	16.0	0.63
			L		-	-
			8.0	0.31	-	-

Non standard material and color: See uni Material and Color Overview.

Alternative pin and lock materials: Pin: PA6.6 **N** PP **W** PE **W** PBT **LG** SS304 Lockpin: PA6.6 **B** PBT **LG** Trilock: PA6.6 **N**

Belt width		Permissible tensile force (Belt/pin material)				Belt weight (Belt/pin material)				*Min. No. drive sprocket per shaft	Number of wear strips (Min. No.)	
		PP/PP		PE-I/PE		PP/PP		PE-I/PE			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft			
68	2.7	1088	245	884	199	0.5	0.34	0.5	0.36	2	2	2
84	3.3	1341	302	1090	245	0.6	0.42	0.7	0.45	2	2	2
151	5.9	2416	543	1963	441	1.1	0.75	1.2	0.80	2	2	2
185	7.3	2953	664	2399	539	1.4	0.92	1.5	0.98	2	2	2
202	8.0	3232	727	2626	590	1.5	1.00	1.6	1.07	2	2	2
252	9.9	4032	906	3276	736	1.9	1.25	2.0	1.34	2	2	2
302	11.9	4832	1086	3926	883	2.2	1.50	2.4	1.60	3	3	2
353	13.9	5648	1270	4589	1032	2.6	1.76	2.8	1.87	3	3	2
403	15.9	6448	1450	5239	1178	3.0	2.00	3.2	2.14	3	3	2
453	17.8	7248	1629	5889	1324	3.4	2.25	3.6	2.41	4	4	2
504	19.8	8064	1813	6552	1473	3.7	2.51	4.0	2.68	4	4	2
554	21.8	8864	1993	7202	1619	4.1	2.76	4.4	2.94	4	4	2
604	23.8	9664	2172	7852	1765	4.5	3.00	4.8	3.21	5	5	3

Additional standard belt widths are available in steps of 50.3 mm (1.98 in.) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in).

1963	77.3	31408	7061	25519	5737	14.5	9.76	15.5	10.42	14	14	7
------	------	-------	------	-------	------	------	------	------	-------	----	----	---

Additional standard belt widths are available in steps of 50.3 mm (1.98 in.) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in).

2970	116.9	47520	10682	38610	8680	22.0	14.77	23.5	15.77	20	20	10
------	-------	-------	-------	-------	------	------	-------	------	-------	----	----	----

General belt tolerance is +0/-0.4% at 23°C/73°F and 50% RH. For exact belt width contact Customer Service. Non standard belt width on request.

*Max. Load per Drive Sprocket. Belt material: PP with snub roller 2000 N (450 lbf) without snub roller 1250 N (281 lbf).

**Max. Spacing between wear strips, Carry: 152 mm (6 in); Return: 304 mm (12 in).

= Single Link



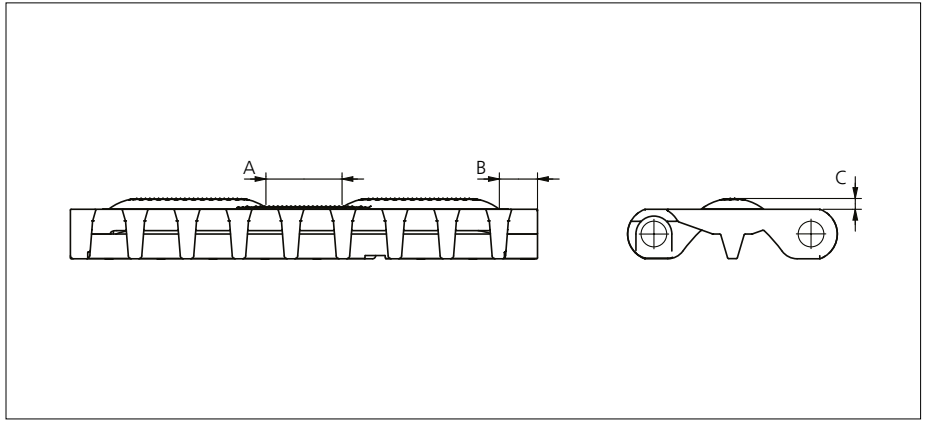
STANDARD

STRAIGHT RUNNING

PITCH 50.8 MM/2.00 IN

Accessories

Rubber Top



Type	Belt Material & color	Rubber Material & color	A		B		C		Link size	Width	
			mm	in	mm	in	mm	in		mm	in
Curved Rough	POM-DI W	01 N	24.0	0.94	10.0	0.39	3.5	0.14	K600	151.0	5.94

Non Standard material and color: See uni Material and Color Overview.

Accessories

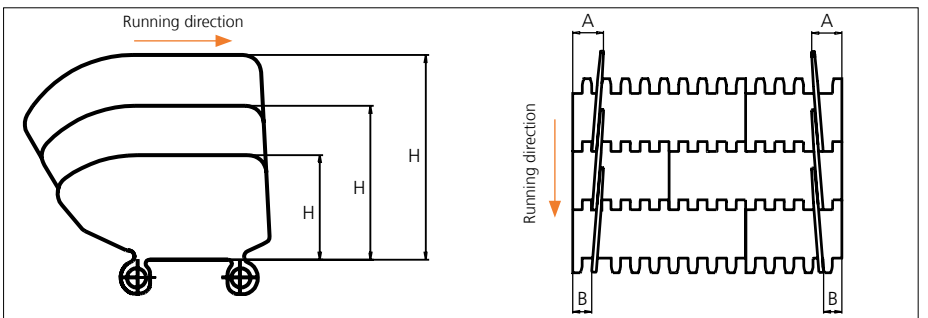
Flight



See separate uni MPB series Flight datasheet.

Accessories

Side Guard



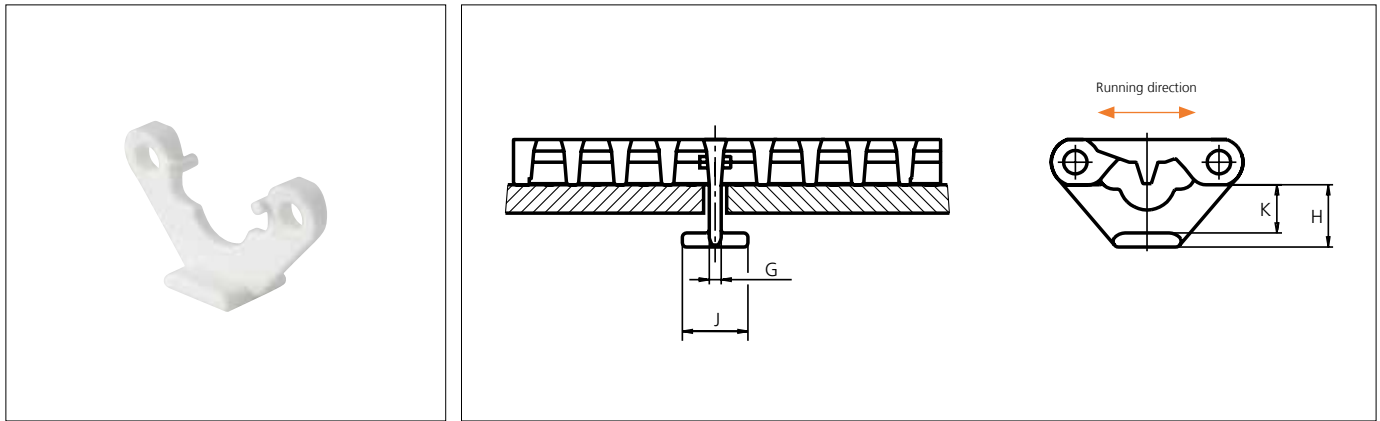
Type	Side Guard Material & color	H		A		B	
		mm	in	mm	in	mm	in
Closed	PE-I B N	50.8	2.00	32.0	1.26	16.0	0.63
	PP-I W B	76.2	3.00				
		101.6	4.00				

*34.0 mm (1.34 in) combined with flight. Increment: 8.4 mm (0.33 in).

Note: Backflex radius when Side Guard are used: 200.0 mm (7.90 in)

Accessories

Tab



Type	Tab Material & color	G		J		K		H	
		mm	in	mm	in	mm	in	mm	in
Bottom Hold Down	POM-DI w	4.2	0.17	23.2	0.91	17.0	0.67	22.0	0.87

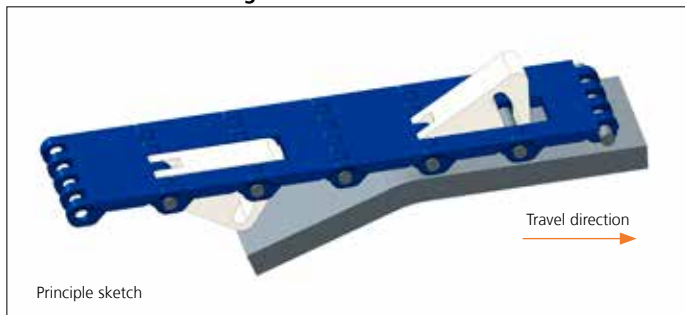
Note: When using taps, please verify sufficient clearance to the shaft. Max. shaft diameter = Sprocket pitch diameter - 63.5 mm (2.50 in). When using square shafts, please verify that the diagonal does not exceed max. diameter. Example: Sprocket z = 6: Max. shaft diameter 101.6 - 63.5 = \varnothing 38.1 mm (4.00 - 2.50 = \varnothing 1.4 in).

Note: When using a belt system with tabs, the temperature should be constant. Please note that the tabs are not always placed in the middle of the belt.

Non Standard material and color: See uni Material and Color Overview.

Accessories

Non standard uni AmFlight

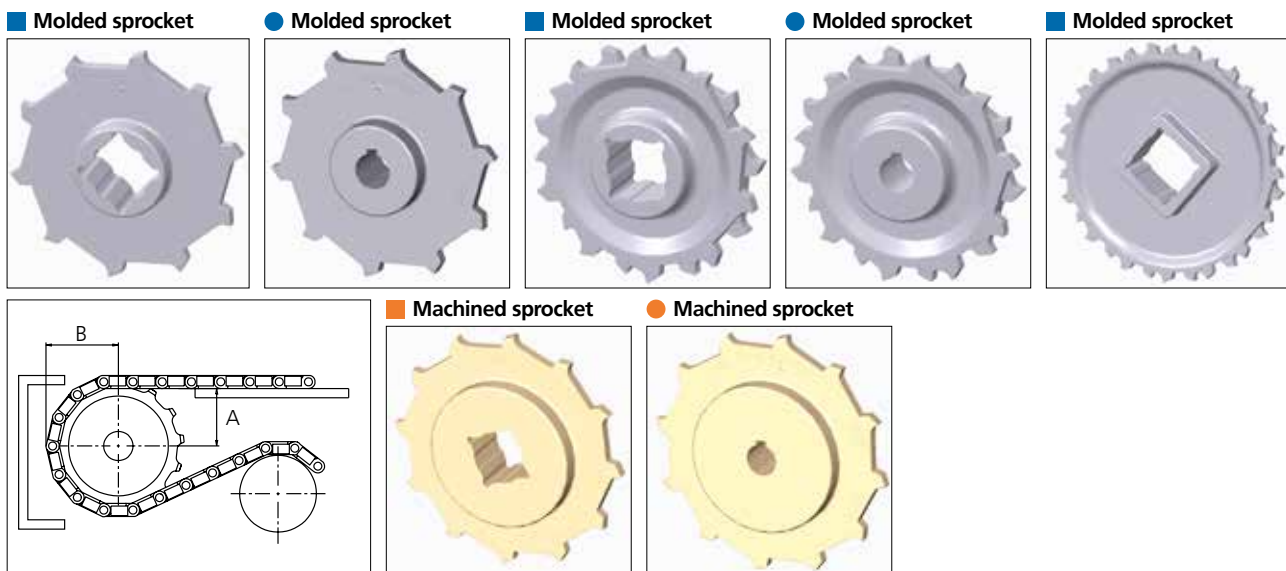


Other non standard option: See uni Amflight Overview.

Sprocket

No of teeth	Bore size												Overall diameter		Pitch diameter		Hub diameter		A-dimension		B-dimension		Single row/One way	Double row/Two way	PA6 LG	PA6 N
	Pilot bore	in	0.75	0.78	0.98	1.00	1.18	1.25	1.50	1.57	2.36	2.50														
	mm	19.1	20.0	25.0	25.4	30.0	31.8	38.1	40.0	60.0	63.5	90.0	mm	in	mm	in	mm	in	mm	in	Molded	Machined				
Z06	x				●	●	●	■	■			99.5	3.92	101.6	4.00	65.0	2.56	36.0	1.42	59.3	2.33	x		x		
Z08	x				●	●	●	■	■			132.9	5.23	132.8	5.23	70.0	2.75	53.3	2.10	74.9	2.94	x	x	x		
Z10	x					●	●	■	■			166.3	6.55	164.4	6.47	70.0	2.75	70.2	2.76	90.7	3.57	x	x	x		
Z10										■	■	166.3	6.55	164.4	6.47	120.0	4.72	70.2	2.76	90.7	3.57	x	x	x		
Z12	x					●	●	■	■			198.6	7.82	196.3	7.73	70.0	2.75	86.8	3.42	106.6	4.19	x	x	x		
Z12										■	■	198.6	7.82	196.3	7.73	120.0	4.72	86.8	3.42	106.6	4.19	x	x	x		
Z16						●	●	■	■			263.8	10.39	260.4	10.25	160.0	6.30	119.7	4.71	138.7	5.46		x	x		
Z16	x					●	●	■	■			263.8	10.39	260.4	10.25	150.0	5.90	119.7	4.71	138.7	5.46	x			x	

Non standard material and color:
See uni Material and Color Overview.



Other sprocket sizes are available upon request.

Two-part sprocket are available upon request.

Round bores are always delivered with keyway.

Other bore sizes are available upon request.

uni Retainer Rings: See uni Retainer Ring data sheet

Width of sprocket = Single row: 42.3 mm (1.66 in)

Double row: 50.0 mm (1.96 in)

Width of tooth = Single row: 9.5 mm (0.37 in)

Double row: 17.0 mm (0.66 in)

Max. load per sprocket shown does not take bore size into account.

Please also ensure that sufficient size shaft is chosen for corresponding load.

For correct sprocket position: See uni Assembly Instructions for uni MPB.

For more detailed sprocket information, contact Customer Service.



Expert advice, quality solutions and local service for all your belting needs
www.ammeraalbeltech.com

Ammeraal Beltech Modular A/S
Hjulmagervej 21
DK-7100 Vejle

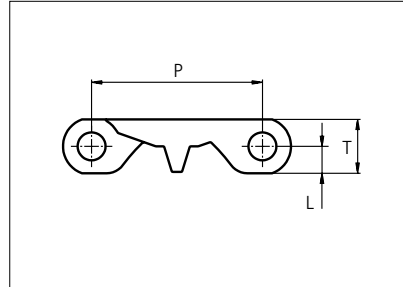
T +45 7572 3100
F +45 7572 3348
admin@unichains.com
www.unichains.com

This information is subject to alteration due to continuous development. Ammeraal Beltech will not be held liable for the incorrect use of the above stated information. This information replaces previous information. All activities performed and services rendered by Ammeraal Beltech are subject to general terms and conditions of sale and delivery, as applied by its operating companies.



Plastic Modular Belt

Series **uni MPB** Type **22%**



Straight running belt
 Nominal pitch: 50.8 mm (2.00 in)
 Surface type: Flat
 Surface opening: 22%
 Backflex radius: 65.0 mm (2.6 in)
 Pin diameter: 8 mm (0.31 in)

Belt material & color	PP W	PE-I N B	mm	in	mm	in		
			P (Nominal)	50.8	2.00	T	16.0	0.63
Pin material & color	PP W	PE W	L	8.0	0.31	-	-	-

Non standard material and color: See uni Material and Color Overview.

Alternative pin and lock materials: Pin: PA6.6 **N W** PE **W** PBT **LG** SS304 Lockpin: PA6.6 **B** PBT **LG** Trilock: PA6.6 **N**

Belt width		Permissible tensile force (Belt/pin material)				Belt weight (Belt/pin material)				*Min. No. drive sprocket per shaft	Number of wear strips (Min. No.)	
		PP/PP		PE-I/PE		PP/PP		PE-I/PE			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	N	lbf	kg/m	lb/ft	kg/m	lb/ft			
84	3.3	1341	302	1090	245	0.6	0.41	0.6	0.43	2	2	2
151	5.9	2416	543	1963	441	1.1	0.73	1.1	0.77	2	2	2
185	7.3	2953	664	2399	539	1.3	0.89	1.4	0.94	2	2	2
202	8.0	3232	727	2626	590	1.5	0.98	1.5	1.03	2	2	2
252	9.9	4032	906	3276	736	1.8	1.22	1.9	1.29	2	2	2
302	11.9	4832	1086	3926	883	2.2	1.46	2.3	1.54	3	3	2
353	13.9	5648	1270	4589	1032	2.5	1.71	2.7	1.80	3	3	2
403	15.9	6448	1450	5239	1178	2.9	1.95	3.1	2.06	3	3	2
453	17.8	7248	1629	5889	1324	3.3	2.19	3.4	2.31	4	4	2
504	19.8	8064	1813	6552	1473	3.6	2.44	3.8	2.57	4	4	2
554	21.8	8864	1993	7202	1619	4.0	2.68	4.2	2.83	4	4	2
604	23.8	9664	2172	7852	1765	4.3	2.92	4.6	3.08	5	5	3
655	25.8	10480	2356	8515	1914	4.7	3.17	5.0	3.35	5	5	3

Additional standard belt widths are available in steps of 50.3 mm (1.98 in.) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in.)

1963	77.3	31408	7061	25519	5737	14.1	9.50	14.9	10.03	14	14	7
------	------	-------	------	-------	------	------	------	------	-------	----	----	---

Additional standard belt widths are available in steps of 50.3 mm (1.98 in.) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in.)

2970	116.9	47520	10682	38610	8680	21.4	14.37	22.6	15.17	20	20	10
------	-------	-------	-------	-------	------	------	-------	------	-------	----	----	----

General belt tolerance is +0/-0.4% at 23°C/73°F and 50% RH. For exact belt width contact Customer Service. Non standard belt width on request.

*Max. Load per Drive Sprocket. Belt material: PP with snub roller 2000 N (450 lbf) without snub roller 1250 N (281 lbf)

**Max. Spacing between wear strips, Carry: 152 mm (6 in); Return: 304 mm (12 in).

= Single Link



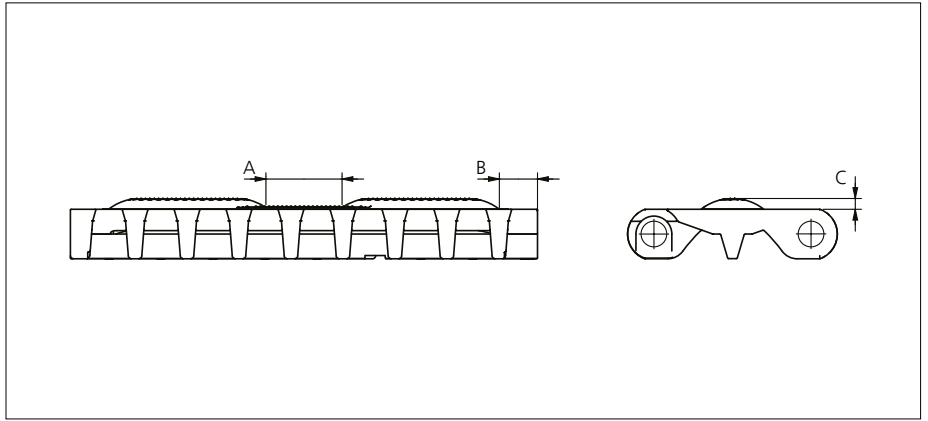
STANDARD

STRAIGHT RUNNING

PITCH 50.8 MM/2.00 IN

Accessories

Rubber Top



Type	Belt Material & color	Rubber Material & color	A		B		C		Link size	Width	
			mm	in	mm	in	mm	in		mm	in
Curved Rough	POM-DI W	01 N	24.0	0.94	10.0	0.39	3.5	0.14	K600	151.0	5.94

Non Standard material and color: See uni Material and Color Overview.

Accessories

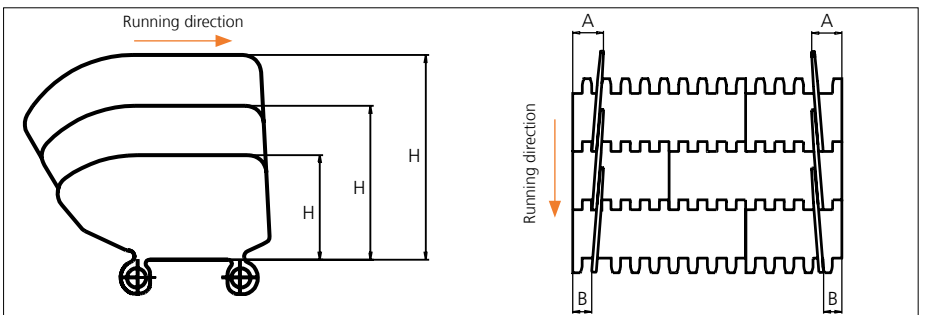
Flight



See separate uni MPB series Flight datasheet.

Accessories

Side Guard



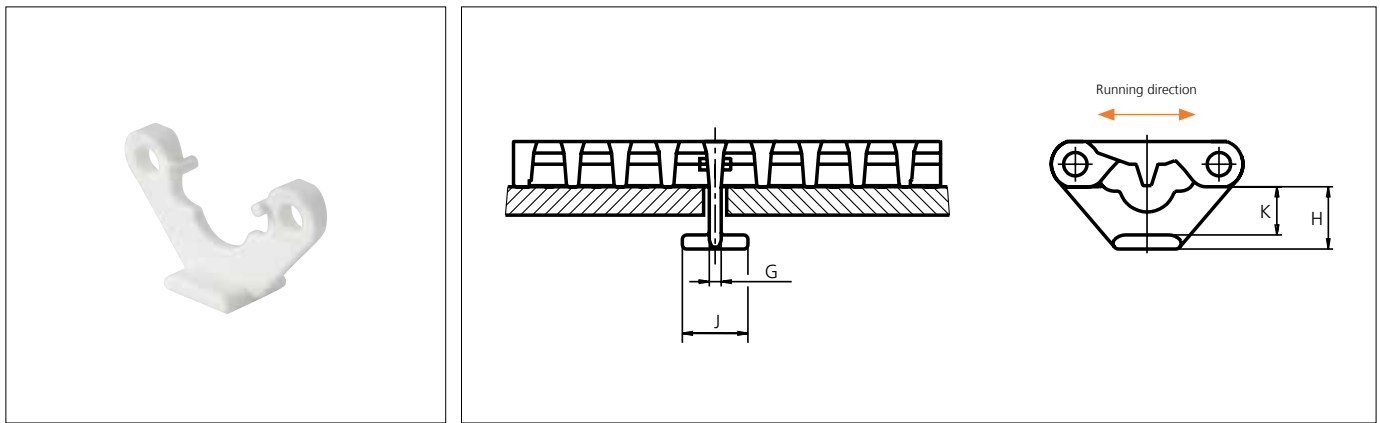
Type	Side Guard Material & color	H		A		B	
		mm	in	mm	in	mm	in
Closed	PE-I B N PP-I W B	50.8	2.00	32.0	1.26	16.0	0.63
		76.2	3.00				
		101.6	4.00				

*34.0 mm (1.34 in) combined with flight. Increment: 8.4 mm (0.33 in).

Note: Backflex radius when Side Guard are used: 200.0 mm (7.90 in)

Accessories

Tab



Type	Tab Material & color	G		J		K		H	
		mm	in	mm	in	mm	in	mm	in
Bottom Hold Down	POM-DI w	4.2	0.17	23.2	0.91	17.0	0.67	22.0	0.87

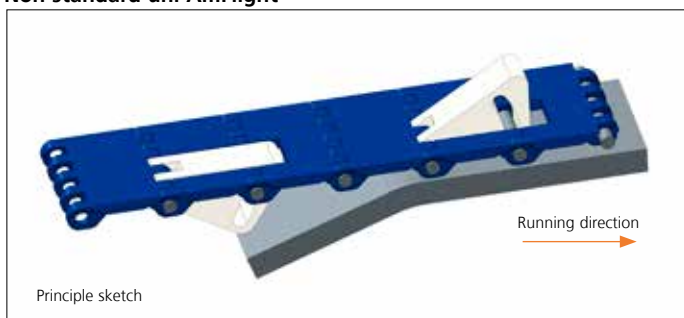
Note: When using taps, please verify sufficient clearance to the shaft. Max. shaft diameter = Sprocket pitch diameter - 63.5 mm (2.50 in). When using square shafts, please verify that the diagonal does not exceed max. diameter. Example: Sprocket z = 6: Max. shaft diameter 101.6 - 63.5 = ø38.1 mm (4.00 - 2.50 = ø1.4 in).

Note: When using a belt system with tabs, the temperature should be constant. Please note that the tabs are not always placed in the middle of the belt.

Non Standard material and color: See uni Material and Color Overview.

Accessories

Non standard uni AmFlight

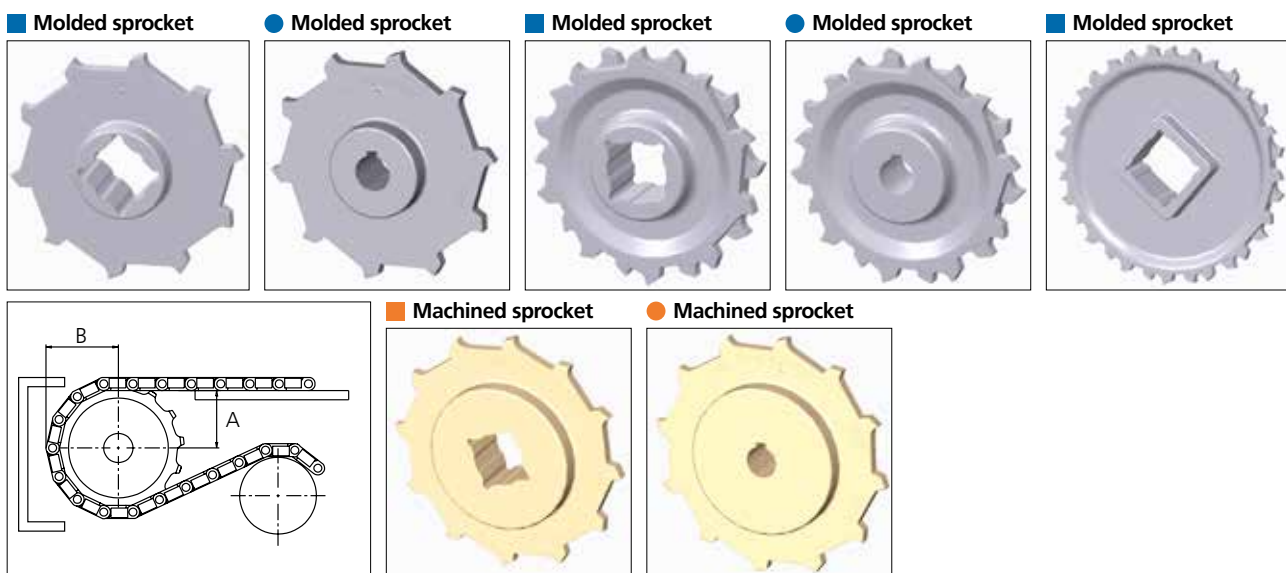


Other non standard option: See uni Amflight Overview.

Sprocket

No of teeth	Bore size													Overall diameter		Pitch diameter		Hub diameter		A-dimension		B-dimension		Single row/One way	Double row/Two way	PA6 LG	PA6 N
	Pilot bore	in	0.75	0.78	0.98	1.00	1.18	1.25	1.50	1.57	2.36	2.50	3.54														
	mm	19.1	20.0	25.0	25.4	30.0	31.8	38.1	40.0	60.0	63.5	90.0	mm	in	mm	in	mm	in	mm	in	Molded	Machined					
Z06	x				●	●	●	■	■				99.5	3.92	101.6	4.00	65.0	2.56	36.0	1.42	59.3	2.33	x		x		
Z08	x				●	●	●	■	■				132.9	5.23	132.8	5.23	70.0	2.75	53.3	2.10	74.9	2.94	x	x	x		
Z10	x					●	●	■	■				166.3	6.55	164.4	6.47	70.0	2.75	70.2	2.76	90.7	3.57	x	x	x		
Z10										■	■		166.3	6.55	164.4	6.47	120.0	4.72	70.2	2.76	90.7	3.57	x	x	x		
Z12	x					●	●	■	■				198.6	7.82	196.3	7.73	70.0	2.75	86.8	3.42	106.6	4.19	x	x	x		
Z12										■	■		198.6	7.82	196.3	7.73	120.0	4.72	86.8	3.42	106.6	4.19	x	x	x		
Z16						●	●	■	■				263.8	10.39	260.4	10.25	160.0	6.30	119.7	4.71	138.7	5.46		x	x		
Z16	x					●	●	■	■				263.8	10.39	260.4	10.25	150.0	5.90	119.7	4.71	138.7	5.46	x			x	

Non standard material and color:
See uni Material and Color Overview.



Other sprocket sizes are available upon request.

Two-part sprocket are available upon request.

Round bores are always delivered with keyway.

Other bore sizes are available upon request.

uni Retainer Rings: See uni Retainer Ring data sheet

Width of sprocket = Single row: 42.3 mm (1.66 in)

Double row: 50.0 mm (1.96 in)

Width of tooth = Single row: 9.5 mm (0.37 in)

Double row: 17.0 mm (0.66 in)

Max. load per sprocket shown does not take bore size into account.

Please also ensure that sufficient size shaft is chosen for corresponding load.

For correct sprocket position: See uni Assembly Instructions for uni MPB.

For more detailed sprocket information, contact Customer Service.



Expert advice, quality solutions and local service for all your belting needs
www.ammeraalbeltech.com

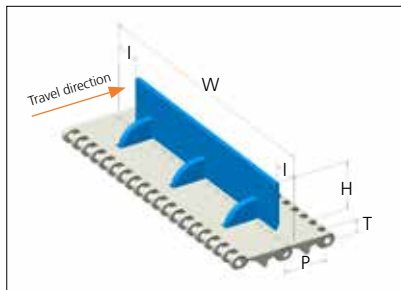
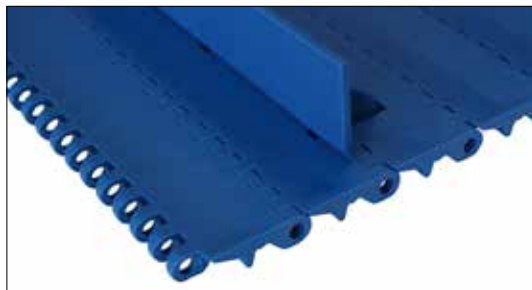
Ammeraal Beltech Modular A/S
Hjulmagervej 21
DK-7100 Vejle

T +45 7572 3100
F +45 7572 3348
admin@unichains.com
www.unichains.com

This information is subject to alteration due to continuous development. Ammeraal Beltech will not be held liable for the incorrect use of the above stated information. This information replaces previous information. All activities performed and services rendered by Ammeraal Beltech are subject to general terms and conditions of sale and delivery, as applied by its operating companies.



Plastic Modular Belt uni MPB Pop-up flight



Straight running elevator belt
 Nominal pitch: 50.8 mm (2.00 in)
 Surface type: Flat
 Surface opening: Closed
 Backflex radius: 100 mm (3.9 in) min.
 Pin diameter: 8 mm (0.31 in)

Belt material & color	PP W B	PE-I N B		mm	in		mm	in	
Pin material & color	PP W	PE W		H	54.8	2.16	T	16.0	0.63
Flight material & color	PP-I W B	PE-I W B		I	34.0	1.34	-	-	-
				P	50.8	2.00	-	-	-

Non standard material and color: See uni Material and Color Overview.

Alternative pin and lock materials: Pin: PA6.6 **N** PP **W** PE **W** PBT **LG** SS304

Lockpin: PA6.6 **B** PBT **LG**

Belt load capacity

Belt dimensions						Permissible tensile force (Belt/pin material)				Maximum product load per flight row	
Belt width (W)		Indents (I)*		Flight width (B)		PP/PP		PE-I/PE			
mm	in	mm	in	mm	in	N	lbf	N	lbf	Kg	Lbs
302	11.9	34	1.34	234	9.2	4832	1086	3926	883	12	27
353	13.9	34	1.34	285	11.2	5648	1270	4589	1032	14	31
403	15.9	34	1.34	335	13.2	6448	1450	5239	1178	16	36
453	17.8	34	1.34	385	15.2	7248	1629	5889	1324	18	40
504	19.8	34	1.34	436	19.2	8064	1813	6552	1473	20	44
554	21.8	34	1.34	486	19.1	8864	1993	7202	1619	22	49
604	23.8	34	1.34	536	21.1	9664	2173	7852	1765	24	53

General width tolerance is +0/-0.4% at 23°C/73°F. For other widths contact Customer Service.

*Standard indent 34 mm (1.34 in), other indents upon request.



STANDARD

STRAIGHT RUNNING

PITCH 50.8 MM/2.00 IN

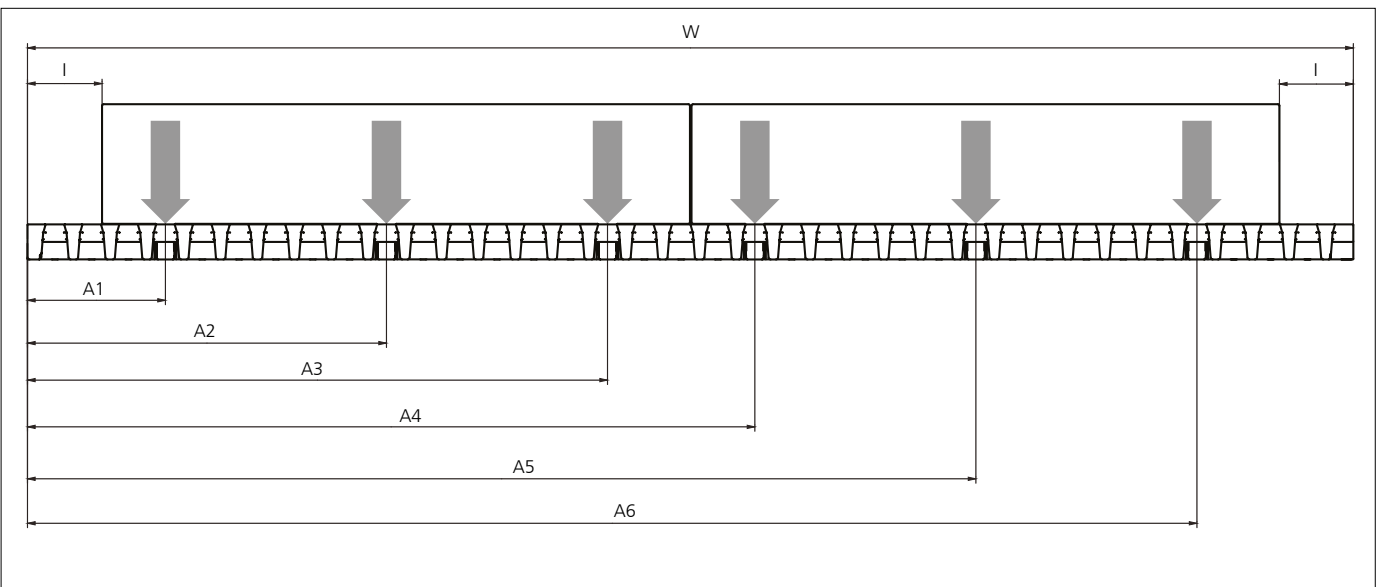
Belt dimensions		Base belt weight (Belt/pin material)				ADD weight per flight row				Construction information		
										Min. no drive sprockets*	No flight cams/ activation wearstrips	Min number of support wearstrips
Belt width (W)		PP/PP		PE-I/PE		PP-I/PP		PE-I/PE		Pieces	Pieces	Pieces
mm	in	Kg/m	lb/ft	Kg/m	lb/ft	Kg/m	lb/ft	Kg/m	lb/ft			
302	11.9	2.5	1.7	2.7	1.8	0.08	0.17	0.08	0.18	2	3	2
353	13.9	2.9	2.0	3.1	2.1	0.10	0.22	0.10	0.23	2	4	2
403	15.9	3.3	2.2	3.5	2.4	0.12	0.26	0.13	0.28	2	4	2
453	17.8	3.8	2.5	4.0	2.7	0.13	0.28	0.14	0.30	3	5	2
504	19.8	4.2	2.8	4.4	3.0	0.14	0.31	0.15	0.33	3	5	2
554	21.8	4.6	3.1	4.9	3.3	0.16	0.35	0.17	0.38	4	6	2
604	23.8	5.0	3.4	5.3	3.6	0.17	0.38	0.18	0.40	4	6	2

*Max. Load per Drive Sprocket. Belt material: POM-DI with snub roller 2000 N (450 lbf) without snub roller 1250 N (281 lbf)

Placing of activation wearstrips

Belt dimensions						Activation wearstrips Distance from belt left hand edge											
Belt width (W)		Indents* (I)		Flight width (B)		A1		A2		A3		A4		A5		A6	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
302	11.9	34	1.34	234	9.2	46	1.81	147	5.79	248	9.76	-	-	-	-	-	-
353	13.9	34	1.34	285	11.2	63	2.48	164	6.46	197	7.76	298	11.73	-	-	-	-
403	15.9	34	1.34	335	13.2	63	2.48	164	6.46	231	9.09	332	13.07	-	-	-	-
453	17.8	34	1.34	385	15.2	46	1.81	147	5.79	248	9.76	298	11.73	399	15.71	-	-
504	19.8	34	1.34	436	19.2	63	2.48	164	6.46	265	10.43	332	13.07	433	17.05	-	-
554	21.8	34	1.34	486	19.1	63	2.48	164	6.46	265	10.43	298	11.73	399	15.71	500	19.67
604	23.8	34	1.34	536	21.1	63	2.48	164	6.46	265	10.43	332	13.07	433	17.05	533	20.98

*Standard indent 34 mm (1.34 in), other indents upon request.



↓ = Placing of activation wearstrip

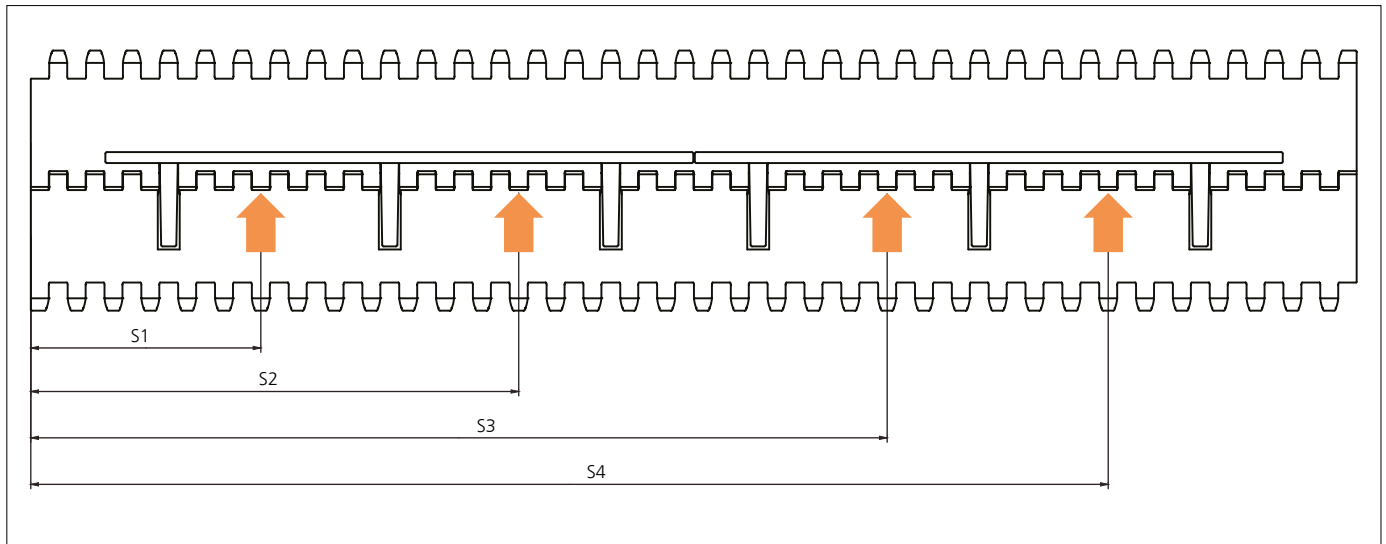
Dimensions for Pop-up flight system are from left hand edge of belt, looking down from top of belt with travel direction moving away from viewing point.

Placing of sprockets

Belt dimensions						Min. No drive sprockets**	Sprocket Position Distance from belt left hand edge							
Belt width (W)		Indents* (I)		Flight width (B)			S1		S2		S3		S4	
mm	in	mm	in	mm	in		mm	in	mm	in	mm	in	mm	in
302	11.9	34	1.34	234	9.2	2	88	3.46	206	8.11	-	-	-	-
353	13.9	34	1.34	285	11.2	2	105	4.13	256	10.08	-	-	-	-
403	15.9	34	1.34	335	13.2	2	105	4.13	290	11.42	-	-	-	-
453	17.8	34	1.34	385	15.2	3	88	3.46	206	8.11	357	14.06	-	-
504	19.8	34	1.34	436	19.2	3	105	4.13	223	8.78	391	15.39	-	-
554	21.8	34	1.34	486	19.1	4	105	4.13	223	8.78	357	14.06	457	18.00
604	23.8	34	1.34	536	21.1	4	105	4.13	223	8.78	374	14.72	491	19.33

*Standard indent 34 mm (1.34 in), other indents upon request.

**Max. Load per Drive Sprocket. Belt material: POM-DI with snub roller 2000 N (450 lbf) without snub roller 1250 N (281 lbf)



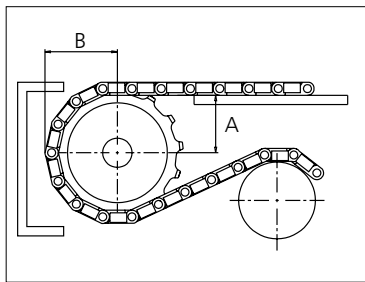
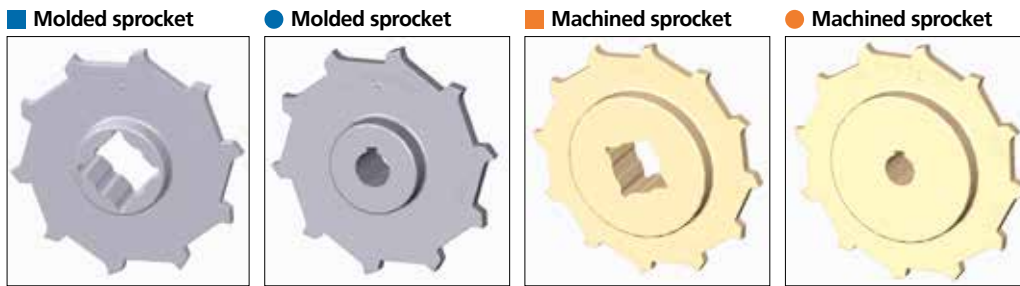
↑ = Placing of sprockets

Ensure sprockets cannot contact the Pop-up flight activation cams. These cams hinge below the belt surface when unsupported by wear-strips. If needed use extra retaining rings each side of floating sprockets to ensure they cannot contact the activation cams but can still float sideways.

Sprocket

No of teeth	Bore size													Overall diameter		Pitch-diameter		Hub-diameter		Dimension A		Dimension B		Single row/One way	Double row/Two way	Molded PA6 LG	Machined PA6 N
	Pilot bore	in	0.75	0.78	0.98	1.00	1.18	1.25	1.50	1.57	2.36	2.50	3.54														
	mm	19.1	20.0	25.0	25.4	30.0	31.8	38.1	40.0	60.0	63.5	90.0	mm	in	mm	in	mm	in	mm	in							
Z08	x				●	●	●	■	●				132.9	5.23	132.8	5.23	70.0	2.75	53.3	2.10	74.9	2.94	x		x		
Z10	x					●	●	■	●				166.3	6.55	164.4	6.47	70.0	2.75	70.2	2.76	90.7	3.57	x		x		
Z10										■	■		166.3	6.55	164.4	6.47	120.0	4.72	70.2	2.76	90.7	3.57	x		x		
Z12	x					●	●	■	●				198.6	7.82	196.3	7.73	70.0	2.75	86.8	3.42	106.6	4.19	x		x		
Z12										■	■		198.6	7.82	196.3	7.73	120.0	4.72	86.8	3.42	106.6	4.19	x		x		
Z16	x					●	●	■	●				263.8	10.39	260.4	10.25	150.0	5.90	119.7	4.71	138.7	5.46	x			x	

Non standard material and color:
See uni Material and Color Overview.



uni MPB Single row – one way sprockets as shown above are recommended for use with Pop-up flight system.
uni MPB Two row – two way sprockets are available and can be used for conveyors which needed to reverse travel direction.
Other sprocket sizes are available upon request.
Two-part sprocket are available upon request.
Round bores are always delivered with keyway.
Other bore sizes are available upon request.
uni Retainer Rings: See uni Retainer Ring data sheet.
Width of sprocket = Single row: 42.3 mm (1.67 in)
Width of tooth = Single row: 9.5 mm (0.37 in)

Max load per sprocket shown does not take bore size into account.
Please also ensure that sufficient size shaft is chosen for corresponding load.

For more detailed sprocket information, contact Customer Service.

uni MPB Pop-up flight C/150916



Expert advice, quality solutions and local service for all your belting needs
www.ammeraalbeltech.com

Ammeraal Beltech Modular A/S
Hjulmagervej 21
DK-7100 Vejle

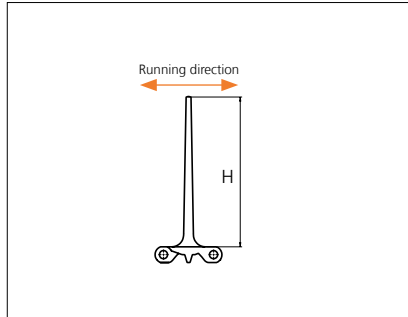
T +45 7572 3100
F +45 7572 3348
admin@unichains.com
www.unichains.com

This information is subject to alteration due to continuous development. Ammeraal Beltech will not be held liable for the incorrect use of the above stated information. This information replaces previous information. All activities performed and services rendered by Ammeraal Beltech are subject to general terms and conditions of sale and delivery, as applied by its operating companies.



Plastic Modular Belt

Accessories **uni MPB** Type **Flights**

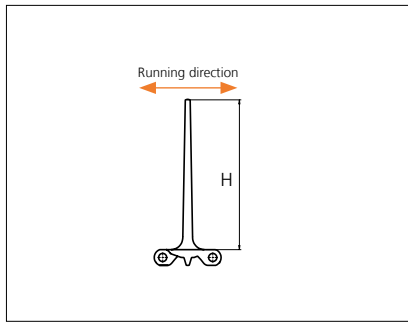
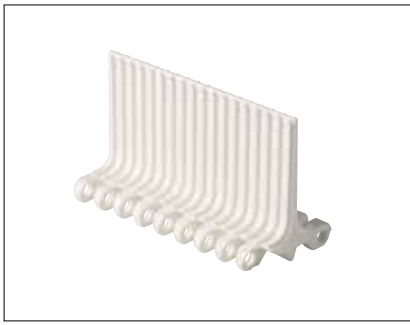


Type	Material & color	H		Link size	Width		Indent both sides		
		mm	in		mm	in	mm	in	
Flat	PE-I	5.0	0.20	K600	151.0	5.94	3.0	0.12	
	PP-I	10.0	0.39						
	PE-I								
	POM-D	25.4	1.00				0.0	0.0	
		50.8	2.00						
		76.2	3.00						
		PP-I	101.6						4.00
		PE-I							
101.6	4.00	34.0*	1.34						
152.4	6.00	0.0	0.00						

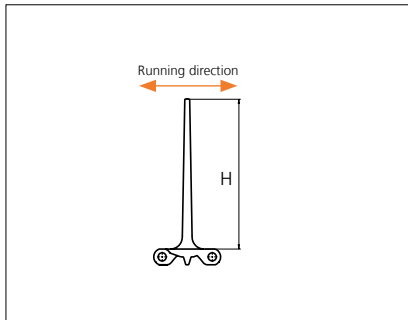
*Indent only in one side.

Depending on height and spacing the use of product supports may influence the backflex radius.

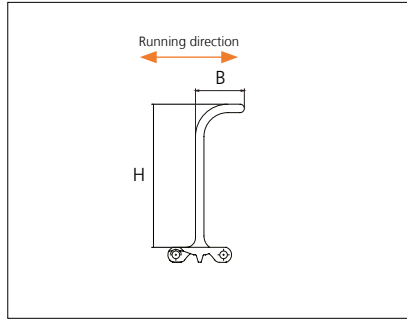
STANDARD
STRAIGHT RUNNING
PITCH 50.8 MM/2.00 IN



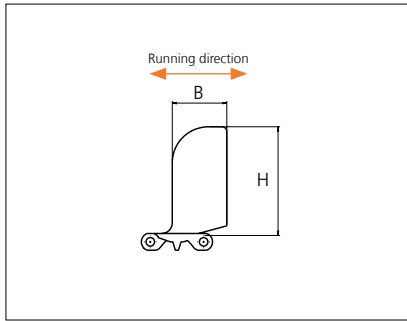
Type	Material & color	H		Link size	Width		Indent both sides	
		mm	in		mm	in	mm	in
Non Stick	PP-I <input type="checkbox"/> W <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> N	76.2	3.00	K600	151.0	5.94	0.0	0.00
	PE-I <input type="checkbox"/> W <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> N	101.6	4.00					



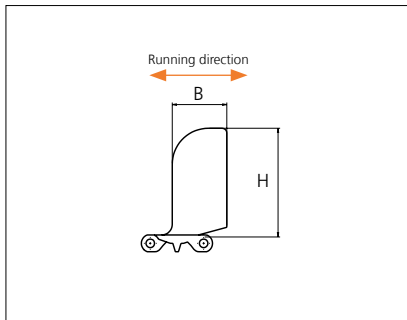
Type	Material & color	H		Link size	Width		Indent both sides	
		mm	in		mm	in	mm	in
10% Non Stick	PP-I <input type="checkbox"/> W <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> N	50.8	2.00	K600	151.0	5.94	0.0	0.00
	PE-I <input type="checkbox"/> W <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> N	76.2	3.00					
		101.6	4.00					



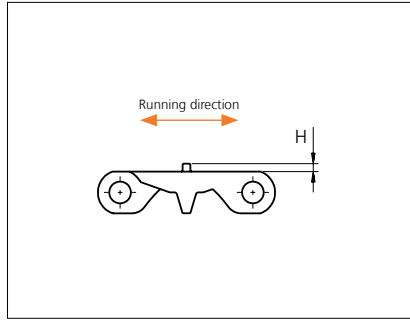
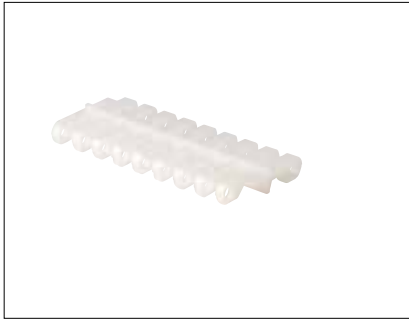
Type	Material & color	H		B		Link size	Width		Indent both sides	
		mm	in	mm	in		mm	in	mm	in
Bent	PP-I W B	76.2	3.00	52.0	2.05	K600	151.0	5.94	0.0	0.00
	PP-I W B	101.6	4.00							
	PE-I N									
	PP-I W B	152.4	6.00							




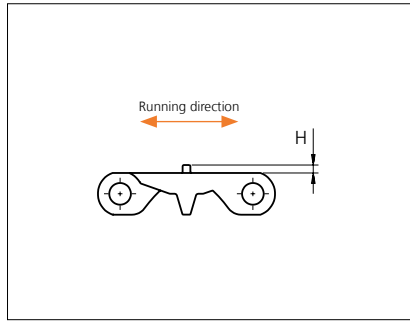
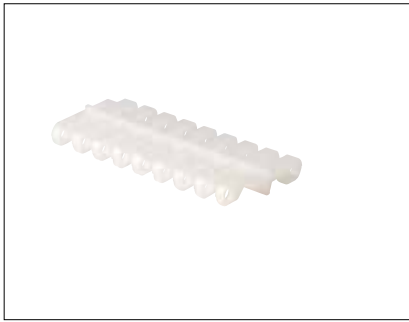
Type	Material & color	H		B		Link size	Width		Indent both sides	
		mm	in	mm	in		mm	in	mm	in
Cupped	PP-I W	76.2	3.00	52.0	2.05	K600	151.0	5.94	0.0	0.00
		101.6	4.00							
		152.4	6.00							





Type	Material & color	H		B		Link size	Width		Indent both sides	
		mm	in	mm	in		mm	in	mm	in
Cupped drain	PP-I W	76.2	3.00	52.0	2.05	K600	151.0	5.94	0.0	0.00
		101.6	4.00							
		152.4	6.00							



Type	Material & color	H		Link size	Width		Indent both sides	
		mm	in		mm	in	mm	in
Flat 20%	PE-I 	5.0	0.20	K600	151.0	5.94	3.0	0.12



Type	Material & color	H		Link size	Width		Indent both sides	
		mm	in		mm	in	mm	in
Flat 22%	PE-I 	3.0	0.12	K600	151.0	5.94	3.0	0.12
	PE-I 							

uni MPB flights/150916



Expert advice, quality solutions and local service for all your belting needs www.ammeraalbeltech.com

Ammeraal Beltech Modular A/S
Hjulmagervej 21
DK-7100 Vejle

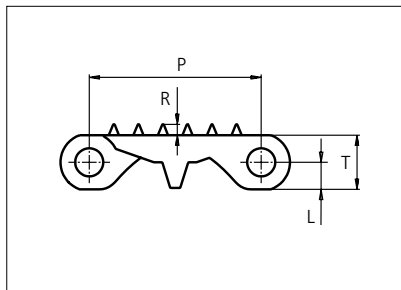
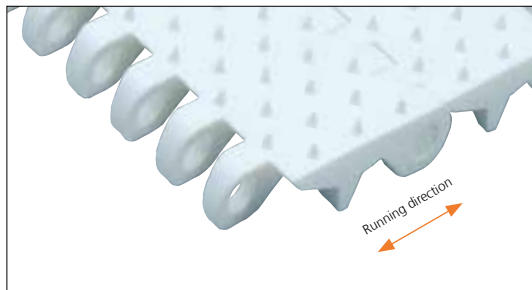
T +45 7572 3100
F +45 7572 3348
admin@unichains.com
www.unichains.com

This information is subject to alteration due to continuous development. Ammeraal Beltech will not be held liable for the incorrect use of the above stated information. This information replaces previous information. All activities performed and services rendered by Ammeraal Beltech are subject to general terms and conditions of sale and delivery, as applied by its operating companies.



Plastic Modular Belt

Series **uni MPB** Type **G**



Straight running belt
 Nominal pitch: 50.8 mm (2.00 in)
 Surface type: Grip
 Surface opening: Closed
 Backflex radius: 65.0 mm (2.6 in)
 Pin diameter: 8 mm (0.31 in)

Belt material & color	POM-DI W		mm	in		mm	in
		P (Nominal)	50.8	2.00	R	3.2	0.13
Pin material & color	PP W				T	16.0	0.63
		L	8.0	0.31			

Non standard material and color: See uni Material and Color Overview.

Alternative pin and lock materials: Pin: PA6.6 N PP W PE W PBT LG SS304 Lockpin: PA6.6 B PBT LG Trilock: PA6.6 N

uni MPB G is available with a molded indent of 35.0 mm (1.38 in) in both sides.

Belt width		Permissible tensile force (Belt/pin material)		Belt weight (Belt/pin material)		*Min. No. drive sprocket per shaft	Number of wear strips (Min. No.)	
		POM-DI/PP		POM-DI/PP			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	kg/m	lb/ft			
151	5.9	4153	933	1.8	1.21	2	2	2
202	8.0	5555	1249	2.4	1.62	2	2	2
252	9.9	6930	1558	3.0	2.02	2	2	2
302	11.9	8305	1867	3.6	2.42	3	3	2
353	13.9	9708	2182	4.2	2.82	3	3	2
403	15.9	11083	2491	4.8	3.22	3	3	2
453	17.8	12458	2800	5.4	3.62	4	4	2
504	19.8	13860	3116	6.0	4.03	4	4	2
554	21.8	15235	3425	6.6	4.43	4	4	2
604	23.8	16610	3734	7.2	4.83	5	5	3
655	25.8	18013	4049	7.8	5.24	5	5	3
705	27.8	19388	4358	8.4	5.64	5	5	3
755	29.7	20763	4667	9.0	6.04	6	6	3

Additional standard belt widths are available in steps of 50.3 mm (1.98 in.) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in).

1963	77.3	53983	12135	23.4	15.70	14	14	7
------	------	-------	-------	------	-------	----	----	---

Additional standard belt widths are available in steps of 50.3 mm (1.98 in.) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in).

2970	116.9	81675	18361	35.3	23.75	20	20	10
------	-------	-------	-------	------	-------	----	----	----

General belt tolerance is +0/-0.4% at 23°C/73°F and 50% RH. For exact belt width contact Customer Service. Non standard belt width on request.

*Max. Load per Drive Sprocket. Belt material: POM-DI with snub roller 2000 N (450 lbf) without snub roller 1250 N (281 lbf).

**Max. Spacing between wear strips, Carry: 152 mm (6 in); Return: 304 mm (12 in).

 = Single Link



STANDARD

STRAIGHT RUNNING

PITCH 50.8 MM/2.00 IN

Accessories

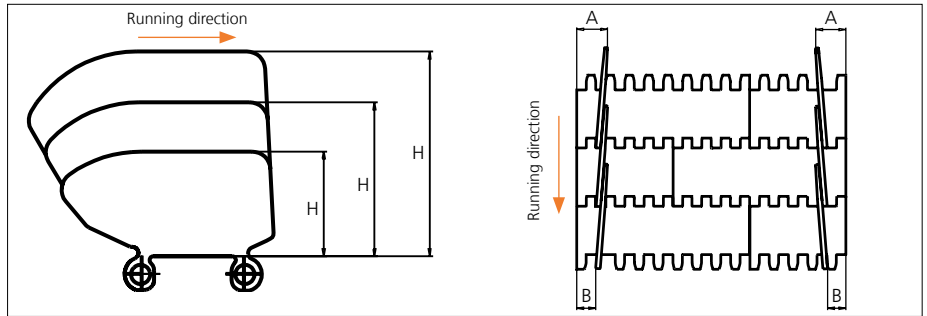
Flight



See separate uni MPB series Flight datasheet.

Accessories

Side Guard



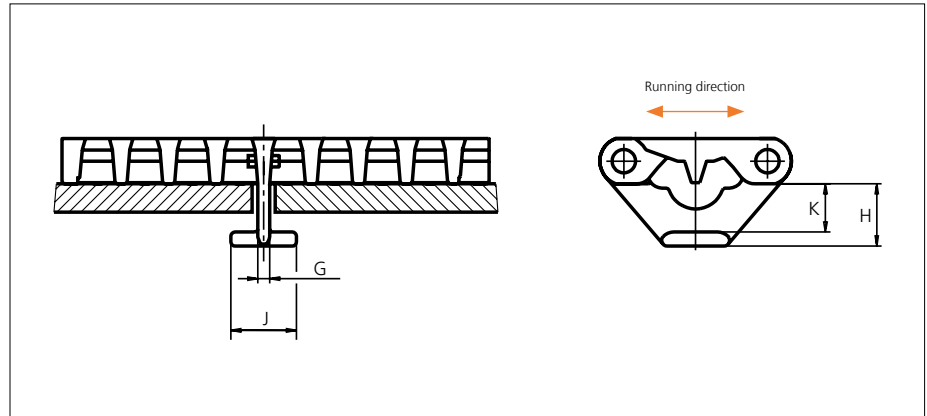
Type	Side Guard Material & color	H		A		B	
		mm	in	mm	in	mm	in
Closed	PE-I B N	50.8	2.00	32.0	1.26	16.0	0.63
	PP-I W B	76.2	3.00				
		101.6	4.00				

*34.0 mm (1.34 in) combined with flight. Increment: 8.4 mm (0.33 in).

Backflex radius when Side Guard are used: 200.0 mm (7.90 in).

Accessories

Tab



Type	Tab Material & color	G		J		K		H	
		mm	in	mm	in	mm	in	mm	in
Bottom Hold Down	POM-DI W	4.2	0.17	23.2	0.91	17.0	0.67	22.0	0.87

Note: When using taps, please verify sufficient clearance to the shaft. Max. shaft diameter = Sprocket pitch diameter - 63.5 mm (2.50 in). When using square shafts, please verify that the diagonal does not exceed max. diameter. Example: Sprocket z = 6: Max. shaft diameter 101.6 - 63.5 = \varnothing 38.1 mm (4.00 - 2.50 = \varnothing 1.4 in).

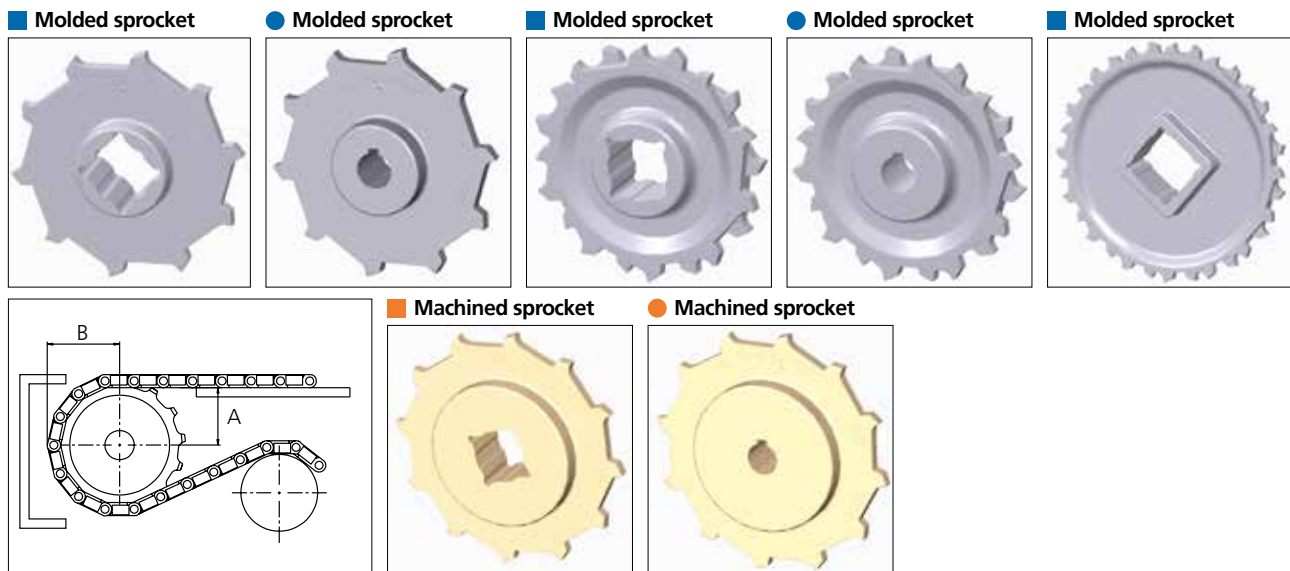
Note: When using a belt system with tabs, the temperature should be constant. Please note that the tabs are not always placed in the middle of the belt.

Non Standard material and color: See uni Material and Color Overview.

Sprocket

No of teeth	Pilot bore	Bore size												Overall diameter		Pitch diameter		Hub diameter		A-dimension		B-dimension		Single row/One way	Double row/Two way	Molded PA6 LG	Machined PA6 N	
		in	0.75	0.78	0.98	1.00	1.18	1.25	1.50	1.57	2.36	2.50	3.54															
		mm	19.1	20.0	25.0	25.4	30.0	31.8	38.1	40.0	60.0	63.5	90.0	mm	in	mm	in	mm	in	mm	in							
Z06	x					●	●	●	■	■					99.5	3.92	101.6	4.00	65.0	2.56	36.0	1.42	59.3	2.33	x		x	
Z08	x					●	●	●	■	■					132.9	5.23	132.8	5.23	70.0	2.75	53.3	2.10	74.9	2.94	x	x	x	
Z10	x					●	●	■	■						166.3	6.55	164.4	6.47	70.0	2.75	70.2	2.76	90.7	3.57	x	x	x	
Z10											■	■			166.3	6.55	164.4	6.47	120.0	4.72	70.2	2.76	90.7	3.57	x	x	x	
Z12	x					●	●	■	■						198.6	7.82	196.3	7.73	70.0	2.75	86.8	3.42	106.6	4.19	x	x	x	
Z12											■	■			198.6	7.82	196.3	7.73	120.0	4.72	86.8	3.42	106.6	4.19	x	x	x	
Z16						●	●	■	■	■	■				263.8	10.39	260.4	10.25	160.0	6.30	119.7	4.71	138.7	5.46		x	x	
Z16	x					●	●	■	■	■	■	■	■		263.8	10.39	260.4	10.25	150.0	5.90	119.7	4.71	138.7	5.46	x			x

Non standard material and color:
See uni Material and Color Overview.



Other sprocket sizes are available upon request.

Two-part sprocket are available upon request.

Round bores are always delivered with keyway.

Other bore sizes are available upon request.

uni Retainer Rings: See uni Retainer Ring data sheet

Width of sprocket = Single row: 42.3 mm (1.66 in)

Double row: 50.0 mm (1.96 in)

Width of tooth = Single row: 9.5 mm (0.37 in)

Double row: 17.0 mm (0.66 in)

Max. load per sprocket shown does not take bore size into account.

Please also ensure that sufficient size shaft is chosen for corresponding load.

For correct sprocket position: See uni Assembly Instructions for uni MPB.

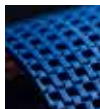
For more detailed sprocket information, contact Customer Service.



Conveyor Belts



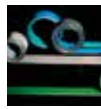
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts



Fabrication & service

Expert advice, quality solutions and local service for all your belting needs www.ammeraalbeltech.com

Ammeraal Beltech Modular A/S
Hjulmagervej 21
DK-7100 Vejle

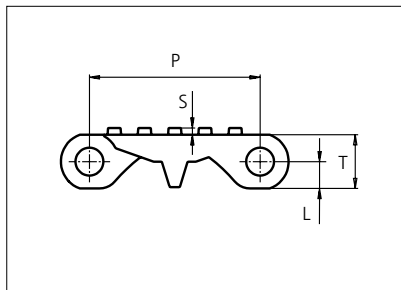
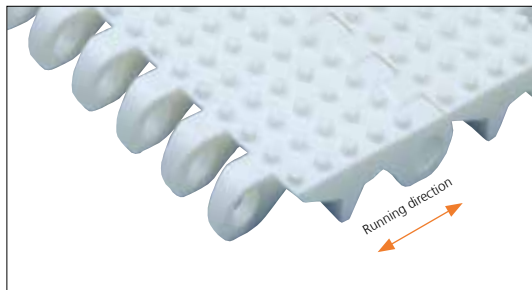
T +45 7572 3100
F +45 7572 3348
admin@unichains.com
www.unichains.com

This information is subject to alteration due to continuous development. Ammeraal Beltech will not be held liable for the incorrect use of the above stated information. This information replaces previous information. All activities performed and services rendered by Ammeraal Beltech are subject to general terms and conditions of sale and delivery, as applied by its operating companies.



Plastic Modular Belt

Series **uni MPB** Type **N**



Straight running belt
 Nominal pitch: 50.8 mm (2.00 in)
 Surface type: No Cling
 Surface opening: Closed
 Backflex radius: 65.0 mm (2.6 in)
 Pin diameter: 8 mm (0.31 in)

Belt material & color	PE-I	mm	in	S	mm	in	
	P (Nominal)						50.8
Pin material & color	PE	L	8.0	0.31	T	16.0	0.63

Non standard material and color: See uni Material and Color Overview.

Alternative pin and lock materials: Pin: PA6.6 PP PE PBT SS304 Lockpin: PA6.6 PBT Trilock: PA6.6

uni MPB N is available with a molded indent of 35.0 mm (1.38 in) in both sides.

Belt width		Permissible tensile force (Belt/pin material)		Belt weight (Belt/pin material)		*Min. No. drive sprocket per shaft	Number of wear strips (Min. No.)	
		PE-I/PE		PE-I/PE			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	kg/m	lb/ft			
151	5.9	1963	441	1.3	0.89	2	2	2
202	8.0	2626	590	1.8	1.19	2	2	2
252	9.9	3276	736	2.2	1.49	2	2	2
302	11.9	3926	883	2.7	1.79	3	3	2
353	13.9	4589	1032	3.1	2.09	3	3	2
403	15.9	5239	1178	3.5	2.38	3	3	2
453	17.8	5889	1324	4.0	2.68	4	4	2
504	19.8	6552	1473	4.4	2.98	4	4	2
554	21.8	7202	1619	4.9	3.28	4	4	2
604	23.8	7852	1765	5.3	3.57	5	5	3
655	25.8	8515	1914	5.8	3.87	5	5	3
705	27.8	9165	2060	6.2	4.17	5	5	3
755	29.7	9815	2206	6.6	4.47	6	6	3

Additional standard belt widths are available in steps of 50.3 mm (1.98 in.) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in).

1963	77.3	25519	5737	17.3	11.61	14	14	7
------	------	-------	------	------	-------	----	----	---

Additional standard belt widths are available in steps of 50.3 mm (1.98 in.) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in).

2970	116.9	38610	8680	26.1	17.56	20	20	10
------	-------	-------	------	------	-------	----	----	----

General belt tolerance is +0/-0.4% at 23°C/73°F and 50% RH. For exact belt width contact Customer Service. Non standard belt width on request.

*Max. Load per Drive Sprocket. Belt material: POM-DI with snub roller 2000 N (450 lbf) without snub roller 1250 N (281 lbf).

**Max. Spacing between wear strips, Carry: 152 mm (6 in); Return: 304 mm (12 in).

= Single Link



STANDARD

STRAIGHT RUNNING

PITCH 50.8 MM/2.00 IN

Accessories

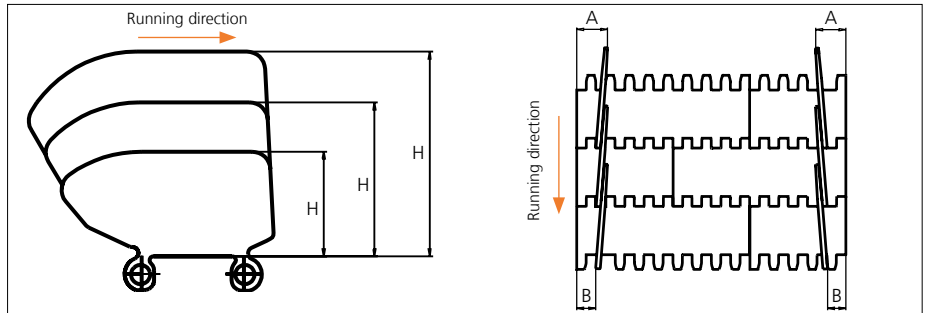
Flight



See separate uni MPB series Flight datasheet.

Accessories

Side Guard



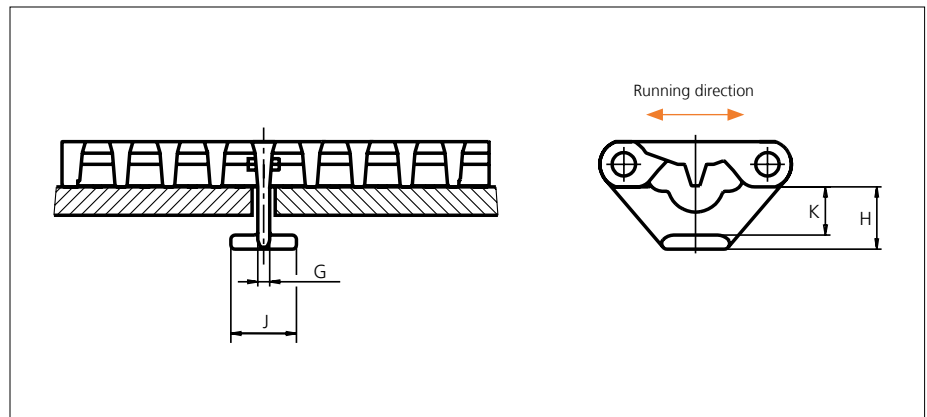
Type	Side Guard Material & color	H		A		B	
		mm	in	mm	in	mm	in
Closed	PE-I B N	50.8	2.00	32.0	1.26	16.0	0.63
	PP-I W B	76.2	3.00				
		101.6	4.00				

*34.0 mm (1.34 in) combined with flight. Increment: 8.4 mm (0.33 in).

Note: Backflex radius when Side Guard are used: 200.0 mm (7.90 in).

Accessories

Tab



Type	Tab Material & color	G		J		K		H	
		mm	in	mm	in	mm	in	mm	in
Bottom Hold Down	POM-DI W	4.2	0.17	23.2	0.91	17.0	0.67	22.0	0.87

Note: When using taps, please verify sufficient clearance to the shaft. Max. shaft diameter = Sprocket pitch diameter - 63.5 mm (2.50 in). When using square shafts, please verify that the diagonal does not exceed max. diameter. Example: Sprocket z = 6: Max. shaft diameter 101.6 - 63.5 = \varnothing 38.1 mm (4.00 - 2.50 = \varnothing 1.4 in).

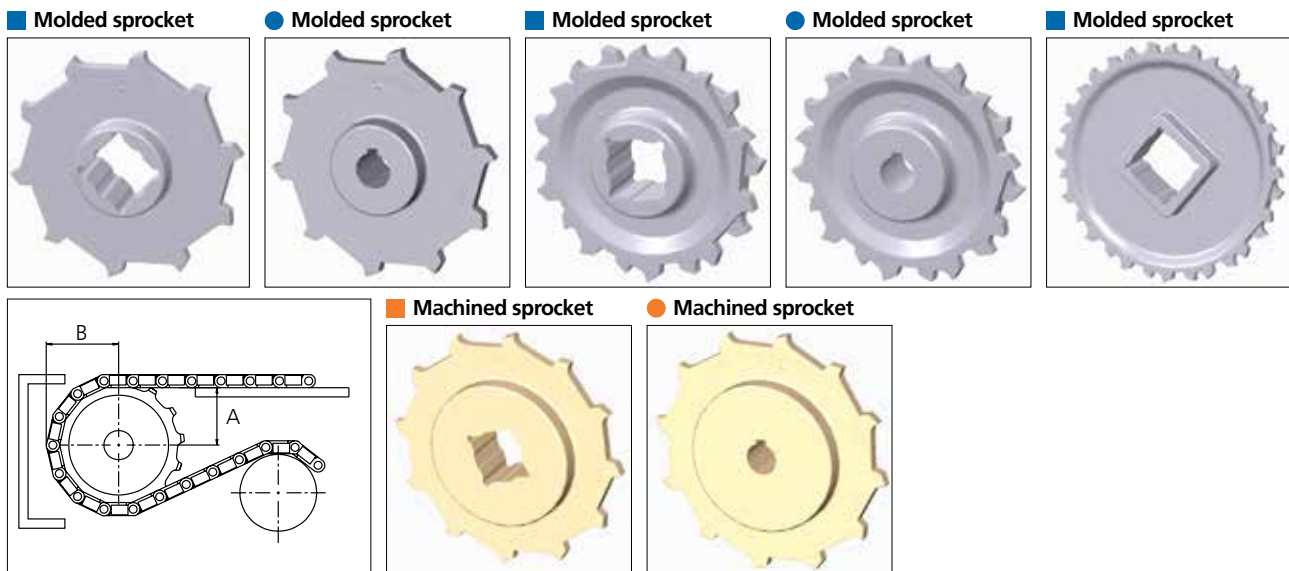
Note: When using a belt system with tabs, the temperature should be constant. Please note that the tabs are not always placed in the middle of the belt.

Non Standard material and color: See uni Material and Color Overview.

Sprocket

No of teeth	Bore size													Overall diameter		Pitch diameter		Hub diameter		A-dimension		B-dimension		Single row/One way	Double row/Two way	Molded PA6 LG	Machined PA6 N
	Pilot bore		0.75	0.78	0.98	1.00	1.18	1.25	1.50	1.57	2.36	2.50	3.54														
	mm	in	19.1	20.0	25.0	25.4	30.0	31.8	38.1	40.0	60.0	63.5	90.0	mm	in	mm	in	mm	in	mm	in	x	x	x	x		
Z06	x				●	●	●	■	■				99.5	3.92	101.6	4.00	65.0	2.56	36.0	1.42	59.3	2.33	x		x		
Z08	x				●	●	●	■	■				132.9	5.23	132.8	5.23	70.0	2.75	53.3	2.10	74.9	2.94	x	x	x		
Z10	x				●	●	■	■					166.3	6.55	164.4	6.47	70.0	2.75	70.2	2.76	90.7	3.57	x	x	x		
Z10										■	■		166.3	6.55	164.4	6.47	120.0	4.72	70.2	2.76	90.7	3.57	x	x	x		
Z12	x				●	●	■	■					198.6	7.82	196.3	7.73	70.0	2.75	86.8	3.42	106.6	4.19	x	x	x		
Z12										■	■		198.6	7.82	196.3	7.73	120.0	4.72	86.8	3.42	106.6	4.19	x	x	x		
Z16					●	●	■	■	■	■			263.8	10.39	260.4	10.25	160.0	6.30	119.7	4.71	138.7	5.46		x	x		
Z16	x				●	●	■	■	■	■	■	■	263.8	10.39	260.4	10.25	150.0	5.90	119.7	4.71	138.7	5.46	x			x	

Non standard material and color:
See uni Material and Color Overview.



Other sprocket sizes are available upon request.

Two-part sprocket are available upon request.

Round bores are always delivered with keyway.

Other bore sizes are available upon request.

uni Retainer Rings: See uni Retainer Ring data sheet

Width of sprocket = Single row: 42.3 mm (1.66 in)

Double row: 50.0 mm (1.96 in)

Width of tooth = Single row: 9.5 mm (0.37 in)

Double row: 17.0 mm (0.66 in)

Max. load per sprocket shown does not take bore size into account.

Please also ensure that sufficient size shaft is chosen for corresponding load.

For correct sprocket position: See uni Assembly Instructions for uni MPB.

For more detailed sprocket information, contact Customer Service.



Conveyor Belts



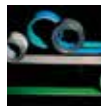
Seamless Belts



Modular Belts



Timing Belts



Transmission Belts



Fabrication & service

Expert advice, quality solutions and local service for all your belting needs www.ammeraalbeltech.com

Ammeraal Beltech Modular A/S
Hjulmagervej 21
DK-7100 Vejle

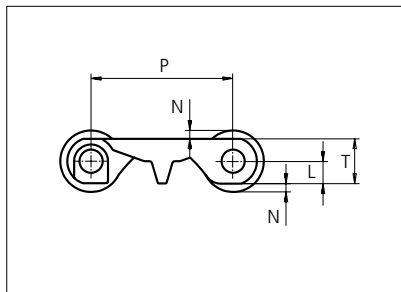
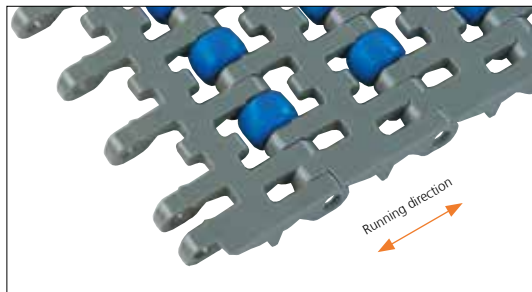
T +45 7572 3100
F +45 7572 3348
admin@unichains.com
www.unichains.com

This information is subject to alteration due to continuous development. Ammeraal Beltech will not be held liable for the incorrect use of the above stated information. This information replaces previous information. All activities performed and services rendered by Ammeraal Beltech are subject to general terms and conditions of sale and delivery, as applied by its operating companies.



Plastic Modular Belt

Series **uni MPB** Type **RO**



Straight running belt
 Nominal pitch: 50.8 mm (2.00 in)
 Surface type: Roller Top
 Surface opening: 22%
 Backflex radius: 65.0 mm (2.6 in)
 Pin diameter: 8 mm (0.31 in)

Belt material & color	POM-DI G	mm	in	mm	in
Pin material & color	PP W	P (Nominal)	50.8	2.00	L
		N	3.0	0.12	T
					8.0
					0.31
					16.0
					0.63

Non standard material and color: See uni Material and Color Overview.

Alternative pin and lock materials: Pin: PA6.6 **N** PP **W** PE **W** PBT **LG** SS304 Lockpin: PA6.6 **B** PBT **LG** Trilock: PA6.6 **N**

Belt width		Permissible tensile force (Belt/pin material)		Belt weight (Belt/pin material)		*Min. No. drive sprocket per shaft	Number of wear strips (Min. No.)	
		POM-DI/PP		POM-DI/PP			**Carry (pcs)	**Return (pcs)
mm	in	N	lbf	kg/m	lb/ft			
151	5.9	1661	373	1.7	1.15	2	2	2
185	7.3	2030	456	2.1	1.40	2	2	2
202	8.0	2222	500	2.3	1.53	2	2	2
252	9.9	2772	623	2.8	1.91	2	2	2
302	11.9	3322	747	3.4	2.29	3	3	2
353	13.9	3883	873	4.0	2.68	3	3	2
403	15.9	4433	997	4.6	3.06	3	3	2
453	17.8	4983	1120	5.1	3.44	4	4	2
504	19.8	5544	1246	5.7	3.83	4	4	2
554	21.8	6094	1370	6.3	4.21	4	4	2
604	23.8	6644	1494	6.8	4.59	5	5	3
655	25.8	7205	1620	7.4	4.97	5	5	3
705	27.8	7755	1743	8.0	5.35	5	5	3

Additional standard belt widths are available in steps of 50.3 mm (1.98 in.) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in.)

1963	77.3	21593	4854	22.2	14.91	14	14	7
------	------	-------	------	------	-------	----	----	---

Additional standard belt widths are available in steps of 50.3 mm (1.98 in.) Additional non-standard belt widths are available in steps of 16.8 mm (0.66 in.)

2970	116.9	32670	7344	33.6	22.55	20	20	10
------	-------	-------	------	------	-------	----	----	----

General belt tolerance is +0/-0.4% at 23°C/73°F and 50% RH. For exact belt width contact Customer Service. Non standard belt width on request.

*Max. Load per Drive Sprocket. Belt material: PP with snub roller 2000 N (450 lbf) without snub roller 1250 N (281 lbf).

**Max. Spacing between wear strips, Carry: 152 mm (6 in); Return: 304 mm (12 in).

= Single Link



STANDARD

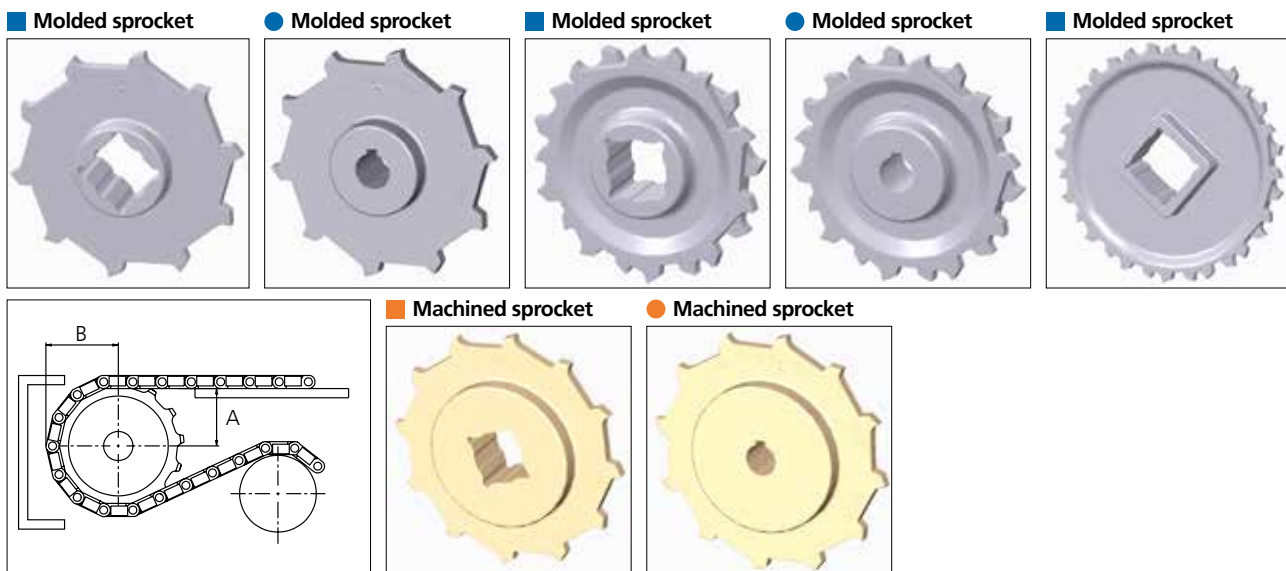
STRAIGHT RUNNING

PITCH 50.8 MM/2.00 IN

Sprocket

No of teeth	Bore size													Overall diameter		Pitch diameter		Hub diameter		A-dimension		B-dimension		Single row/One way	Double row/Two way	PA6 LG	PA6 N
	Pilot bore	in	0.75	0.78	0.98	1.00	1.18	1.25	1.50	1.57	2.36	2.50	3.54														
	mm	19.1	20.0	25.0	25.4	30.0	31.8	38.1	40.0	60.0	63.5	90.0	mm	in	mm	in	mm	in	mm	in	Molded	Machined					
Z06	x				●	●	●	■	■			99.5	3.92	101.6	4.00	65.0	2.56	36.0	1.42	59.3	2.33	x		x			
Z08	x				●	●	●	■	■			132.9	5.23	132.8	5.23	70.0	2.75	53.3	2.10	74.9	2.94	x	x	x			
Z10	x					●	●	■	■			166.3	6.55	164.4	6.47	70.0	2.75	70.2	2.76	90.7	3.57	x	x	x			
Z10										■	■	166.3	6.55	164.4	6.47	120.0	4.72	70.2	2.76	90.7	3.57	x	x	x			
Z12	x					●	●	■	■			198.6	7.82	196.3	7.73	70.0	2.75	86.8	3.42	106.6	4.19	x	x	x			
Z12										■	■	198.6	7.82	196.3	7.73	120.0	4.72	86.8	3.42	106.6	4.19	x	x	x			
Z16						●	●	■	■	■	■	263.8	10.39	260.4	10.25	160.0	6.30	119.7	4.71	138.7	5.46		x	x			
Z16	x					●	●	■	■	■	■	263.8	10.39	260.4	10.25	150.0	5.90	119.7	4.71	138.7	5.46	x			x		

Non standard material and color:
See uni Material and Color Overview.



Other sprocket sizes are available upon request.
Two-part sprocket are available upon request.
Round bores are always delivered with keyway.
Other bore sizes are available upon request.
uni Retainer Rings: See uni Retainer Ring data sheet
Width of sprocket = Single row: 42.3 mm (1.66 in)
Double row: 50.0 mm (1.96 in)
Width of tooth = Single row: 9.5 mm (0.37 in)
Double row: 17.0 mm (0.66 in)

Max. load per sprocket shown does not take bore size into account.
Please also ensure that sufficient size shaft is chosen for corresponding load.

For correct sprocket position: See uni Assembly Instructions for uni MPB.
For more detailed sprocket information, contact Customer Service.



Expert advice, quality solutions and local service for all your belting needs
www.ammeraalbeltech.com

Ammeraal Beltech Modular A/S
Hjulmagervej 21
DK-7100 Vejle

T +45 7572 3100
F +45 7572 3348
admin@unichains.com
www.unichains.com

This information is subject to alteration due to continuous development. Ammeraal Beltech will not be held liable for the incorrect use of the above stated information. This information replaces previous information. All activities performed and services rendered by Ammeraal Beltech are subject to general terms and conditions of sale and delivery, as applied by its operating companies.

Local Contacts

Austria

T +43 171728 133
info-de@ammeraalbeltech.com
www.ammeraalbeltech.at

Belgium

T +32 2 466 03 00
info-be@ammeraalbeltech.com
www.ammeraalbeltech.be

Canada

T +1 905 890 1311
info-ca@ammeraalbeltech.com
www.ammeraalbeltech.com

Chile

T +56 2 233 12900
info-cl@ammeraalbeltech.com
www.ammeraalbeltech.cl

China

T +86 512 8287 2709
info-cn@ammeraalbeltech.com
www.ammeraalbeltech.com.cn

Czech Republic

T +420 567 117 211
info-cz@ammeraalbeltech.com
www.ammeraalbeltech.cz

Denmark

T + 45 7572 3100
info-dk@ammeraalbeltech.com
www.unichains.com

Finland

T +358 207 911 400
info-fi@ammeraalbeltech.com
www.ammeraalbeltech.fi

France

T +33 3 20 90 36 00
info-fr@ammeraalbeltech.com
www.ammeraalbeltech.fr

Germany

T +49 4152 937-0
info-de@ammeraalbeltech.com
www.ammeraalbeltech.de

Hungary

T +36 30 311 6099
info-hu@ammeraalbeltech.com
www.ammeraalbeltech.hu

India

T +91 44 265 34 244
info-in@ammeraalbeltech.com
www.ammeraalbeltech.com

Italy

T +39 051 660 60 06
info-it@ammeraalbeltech.com
www.ammeraalbeltech.it

Luxembourg

T +352 26 48 38 56
info-lu@ammeraalbeltech.com
www.ammeraal-beltech.lu

Malaysia

T +60 3 806 188 49
info-my@ammeraalbeltech.com
www.ammeraalbeltech.com

Netherlands

T +31 72 57 51212
info-nl@ammeraalbeltech.com
www.ammeraalbeltech.nl

Poland

T +48 32 44 77 179
info-pl@ammeraalbeltech.com
www.ammeraalbeltech.com

Portugal

T +351 22 947 94 40
info-pt@ammeraalbeltech.com
www.ammeraalbeltech.pt

Singapore

T +65 62739767
info-sg@ammeraalbeltech.com
www.ammeraalbeltech.com

Slovakia

T +421 2 55648541-2
info-sk@ammeraalbeltech.com
www.ammeraalbeltech.sk

South Korea

T +82 31 448 3613-7
info-kr@ammeraalbeltech.com
www.ammeraalbeltech.co.kr

Spain

T +34 93 718 3054
info-es@ammeraalbeltech.com
www.ammeraalbeltech.es

Sweden

T +46 44 780 3010
info-se@ammeraalbeltech.com
www.ammeraalbeltech.se

Switzerland

T +41 55 2253 535
info-ch@ammeraalbeltech.com
www.ammeraalbeltech.ch

Thailand

T +66 2 902 2604-13
info-th@ammeraalbeltech.com
www.ammeraalbeltech.com

United Kingdom

T +44 1992 500550
info-uk@ammeraalbeltech.com
www.ammeraalbeltech.co.uk

United States

T +1 847 673 6720
info-us@ammeraalbeltech.com
www.ammeraalbeltech.com

Vietnam

T +84 8 376 562 05
info-vn@ammeraalbeltech.com
www.ammeraalbeltech.com.vn

Global Headquarters:

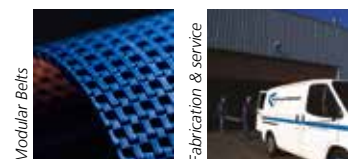
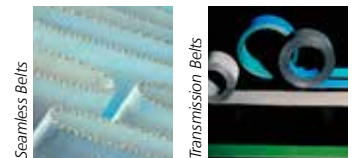
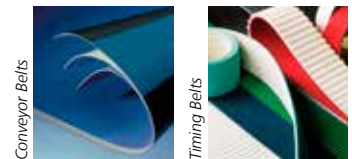
Ammeraal Beltech Holding B.V.

P.O. Box 38
1700 AA Heerhugowaard
The Netherlands

T +31 (0)72 575 1212
F +31 (0)72 571 6455

info@ammeraalbeltech.com
www.ammeraalbeltech.com

Expert advice, quality solutions
and local service
for all your belting needs



... and 150 more service contact points on www.ammeraalbeltech.com