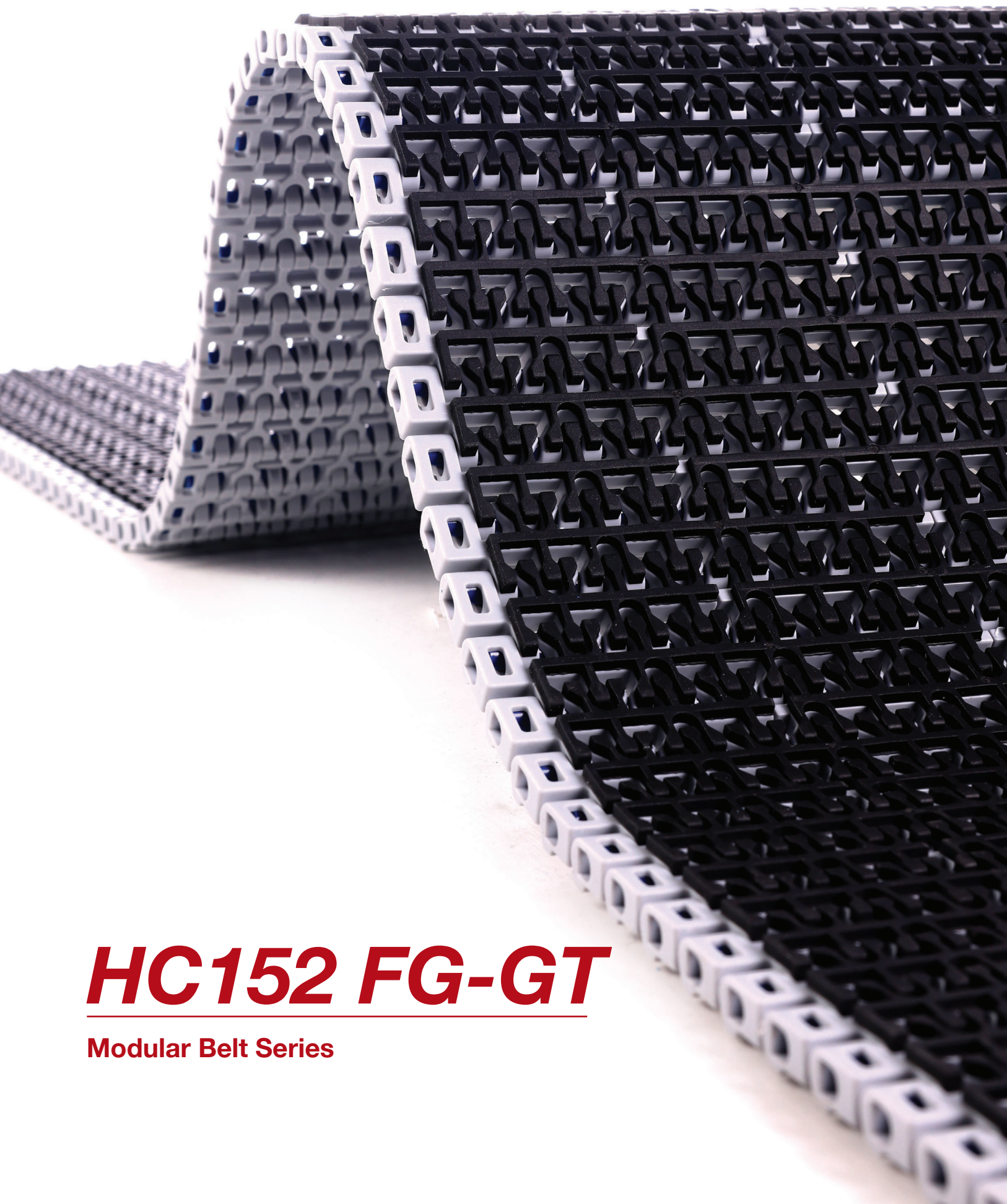




HC152 FG-GT

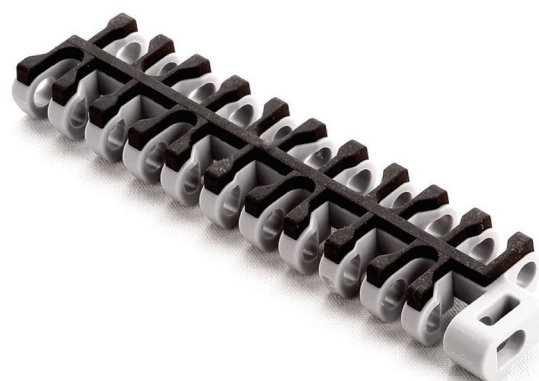
Modular Belt Series



MODUTECH®
Movement Technologies

HC152 FG-GT

Pitch:	15,24 mm / 0.6 inch
Belt Surface:	Open, Friction Surface
Minimum Width:	76,2 mm / 3.00 inch
Open Area (%):	28% (Biggest opening 7,2 x 2,2 mm)
Flight:	No
Sidewall:	No
Pin:	Ø4,6 mm / 0.181 inch
Approved:	FDA and EU
Color:	Blue / White / Gray
Cleanability:	Good
Belt Thickness:	10,9 mm / 0.430 inch

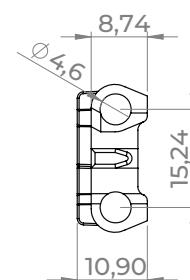
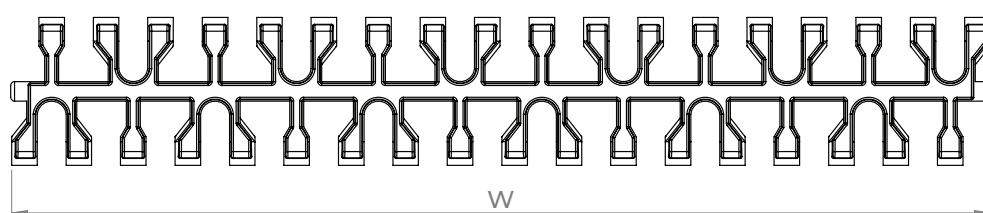


HC152 FG-GT Technical Information

Belt Material		PP	PP
Rubber Material		TPE	
Pin Material		PP	POM
Belt Strength	N/m lb/ft	10500 - 720	12000 - 820
Temperature	°C °F	+5 / +60 +40 / +140	+5 / +60 +40 / +140
Belt Weight	kg/m² lb/sqft²	5,6 / 1.15	6,2 / 1.27

Diameter of idling rollers (min.)		Diameter of support rollers (min.)		Diameter for gravity take up center drive rollers (min.)		Backbending radius for elevators without side guards or hold down devices (min.)		Backbending radius for elevators with side guards or hold down devices (min.)	
mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
23	0.90	50	2	100	4	150	6	-	-

Belt Width mm	76,2	101,6	127	152,4	177,8	203,2	228,6	254	279,4	304,8	330,2	355,6	381	406,4	431,8	457,2	482,6	508	533,4
Belt Width inch	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Belt Width mm	558,8	584,2																	
Belt Width inch	22	23																	



Product Features and Functional Benefits

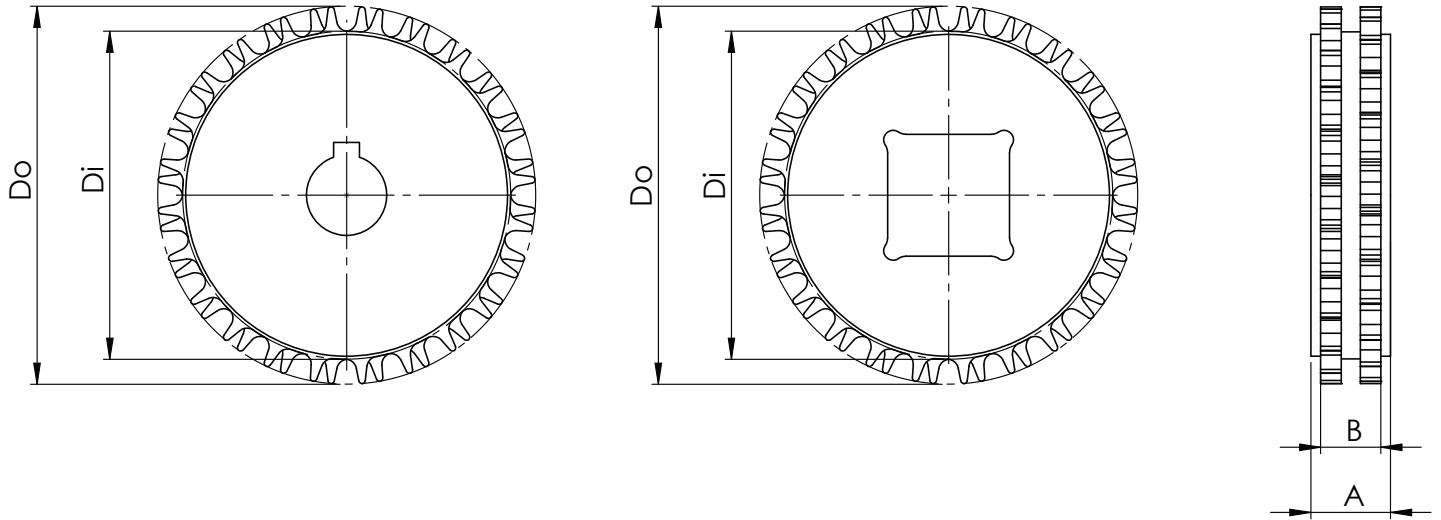
- Flush grid rubber top surface for incline/decline conveyors
- Strong and lightweight belt design.
- Belt provides optimal open area for drainage and airflow.
- Operational & Environmental conditions can affect the performance of rubber top surface
- Suitable for tight transfer and nosebar applications.
Minimum nosebar diameter 22mm (0.87")

Important Notes

- Standard belt increments 25,4 mm.
- Standard rubber indent: 8,6mm / 0,34inch
- Please contact with customer service for precise belt measurements.
- Special raw materials and additional colors available.
- Physical belt widths are generally 0.1% to 0.3% smaller.

HC152 Series

Sprockets and Technical Specifications



HC152 Series / Machined Sprocket Dimensions

NO.TEETH	Di mm/inch	Do mm/inch	A mm/inch	B mm/inch	Square Bore (Q)		Round Bore (R)		PRODUCT CODE	
					mm	inch	mm	inch	Square Type (Q)	Round Type (R)
Z12	44,06 / 1.73	59,43 / 2.34	25,00 / 0.98	18,9 / 0.74	25	1	25	1	HC152SQZ12*POM	HC152SRZ12*POM
Z16	63,82 / 2.51	79,22 / 3.12	25,00 / 0.98	18,9 / 0.74	40	1.5	25 to 30	1 to 1.25	HC152SQZ16*POM	HC152SRZ16*POM
Z20	83,42 / 3.28	98,96 / 3.90	25,00 / 0.98	18,9 / 0.74	40	1.5	25 to 30	1 to 1.25	HC152SQZ20*POM	HC152SRZ20*POM
Z24	102,96 / 4.05	118,65 / 4.67	25,00 / 0.98	18,9 / 0.74	40 to 60	1.5 to 2.5	25 to 30	1 to 1.25	HC152SQZ24*POM	HC152SRZ24*POM
Z32	141,94 / 5.59	157,37 / 6.20	25,00 / 0.98	18,9 / 0.74	40 to 60	1.5 to 2.5	25 to 30	1 to 1.25	HC152SQZ32*POM	HC152SRZ32*POM

*All required sprockets produced by CNC.

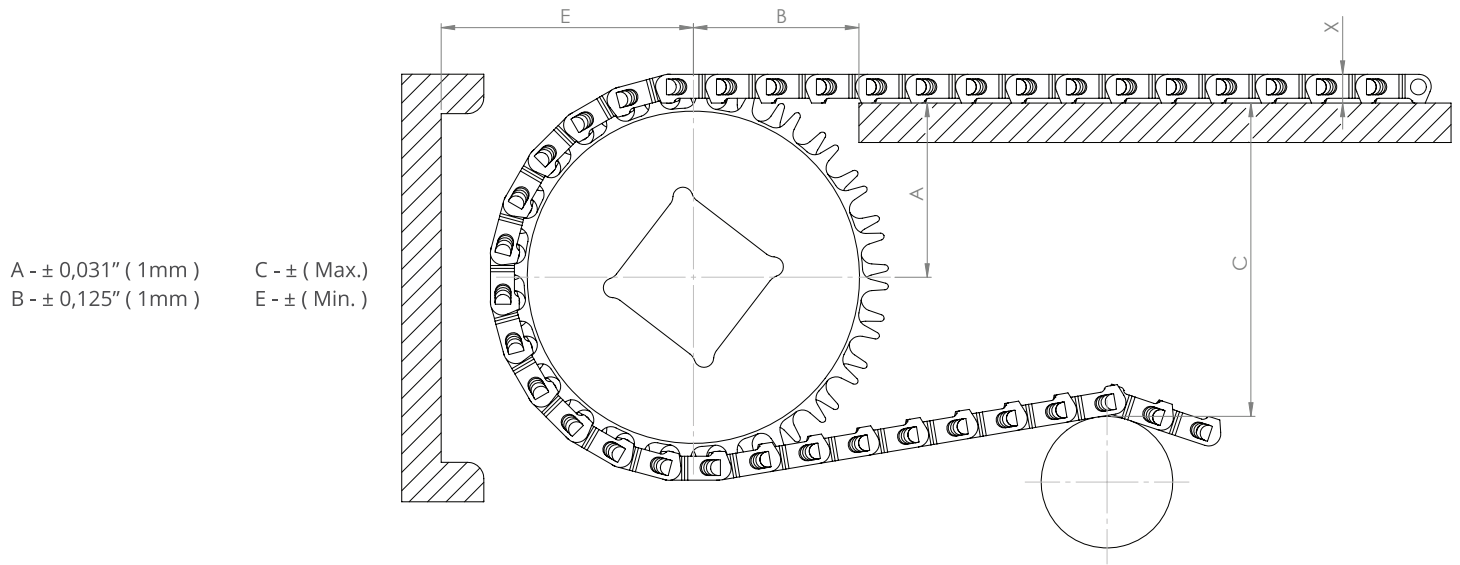
*Other sprockets and hub sizes are manufactured up to request.

*POM (Acetal) and PA (Polyamide) sprockets raw material is available on request.

*Machined Split Sprockets are available for each size.

HC152 Series

Sprockets and Technical Specifications

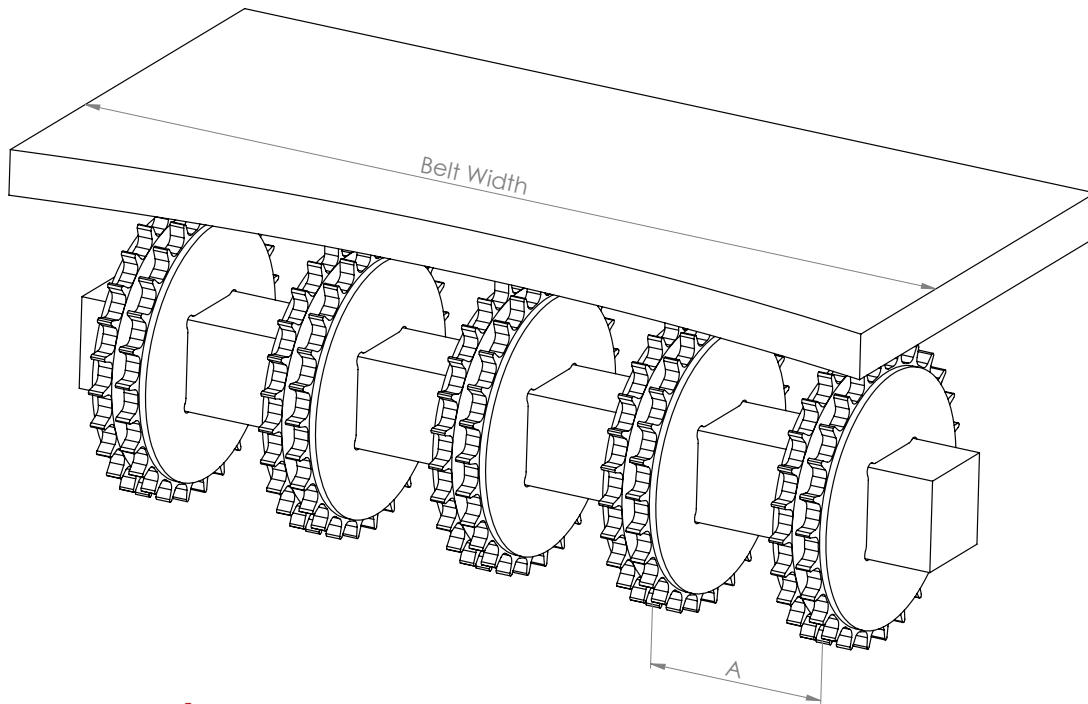


HC152 Series / Conveyor Frame Dimensions

Sprockets Description			A		B		C		E		X	
Pitch Diameter		No.Teeth	Range (Bottom to Top)		inch	mm	inch	mm	inch	mm	inch	mm
inch	mm		inch	mm								
HC152 C , HC152 FG												
2.24	57	12	0.94	24	1.31	33	2.40	61	1.38	35	0.344	8,7
3.07	78	16	1.26	32	1.51	38	3.19	81	1.73	44	0.344	8,7
3.78	96	20	1.65	42	1.77	45	3.78	96	2.13	54	0.344	8,7
4.57	116	24	2.07	52,5	1.92	49	4.76	121	2.60	66	0.344	8,7
6.06	154	32	2.80	71	2.20	56	6.10	155	3.30	84	0.344	8,7
HC152 FG-GT												
2.24	57	12	0.94	24	1.30	33	2.36	60	1.45	37	0.43	10,9
3.07	78	16	1.26	32	1.55	29	3.11	79	1.85	47	0.43	10,9
3.78	96	20	1.65	42	1.77	45	3.86	98	2.00	51	0.43	10,9
4.57	116	24	2.07	52,5	1.92	50	4.64	118	2.20	56	0.43	10,9
6.06	154	32	2.80	71	2.25	57	6.18	157	2.79	71	0.43	10,9

HC152 Series

Engineering Information



HC152 Series / Sprocket & Wearstrip Arrangements

Standard Belt Width		Number of sprockets per shaft	Number of wearstrips		A (mm/inch)	
mm	inch		Carryway	Returnway	Min.	Max.
76,2	3	1	2	2	51 / 2	102 / 4
101,6	4	1	2	2	51 / 2	102 / 4
127,0	5	2	2	2	51 / 2	102 / 4
152,4	6	2	2	2	51 / 2	102 / 4
177,8	7	2	3	2	51 / 2	102 / 4
203,2	8	2	3	2	51 / 2	102 / 4
228,6	9	3	3	2	51 / 2	102 / 4
254,0	10	3	3	2	51 / 2	102 / 4
279,4	11	3	3	2	51 / 2	102 / 4
304,8	12	3	3	2	51 / 2	102 / 4
330,2	13	5	4	3	51 / 2	102 / 4
355,6	14	5	4	3	51 / 2	102 / 4
381,0	15	5	4	3	51 / 2	102 / 4
406,4	16	5	4	3	51 / 2	102 / 4
431,8	17	5	4	3	51 / 2	102 / 4
457,2	18	5	4	3	51 / 2	102 / 4
482,6	19	5	4	3	51 / 2	102 / 4
508,0	20	5	5	3	51 / 2	102 / 4
533,4	21	7	5	3	51 / 2	102 / 4
558,8	22	7	5	3	51 / 2	102 / 4
584,2	23	7	5	3	51 / 2	102 / 4
609,6	24	7	5	3	51 / 2	102 / 4
635,0	25	7	5	3	51 / 2	102 / 4
660,4	26	9	5	3	51 / 2	102 / 4,
685,8	27	9	5	3	51 / 2	102 / 4
711,2	28	9	5	3	51 / 2	102 / 4
736,6	29	9	5	4	51 / 2	102 / 4
1066,8	42	11	8	5	51 / 2	102 / 4
1219,2	48	13	9	5	51 / 2	102 / 4
1524,0	60	15	11	6	51 / 2	102 / 4

Note:

*The number of sprockets and wearstrips may vary depending on the load.

*For wider belts, central distance of sprockets should be maximum 101,6mm (4").

*For wider belts, central distance of carryway wearstrips maximum 152,4mm (6"), returnway wearstrips maximum 304,8mm (12").