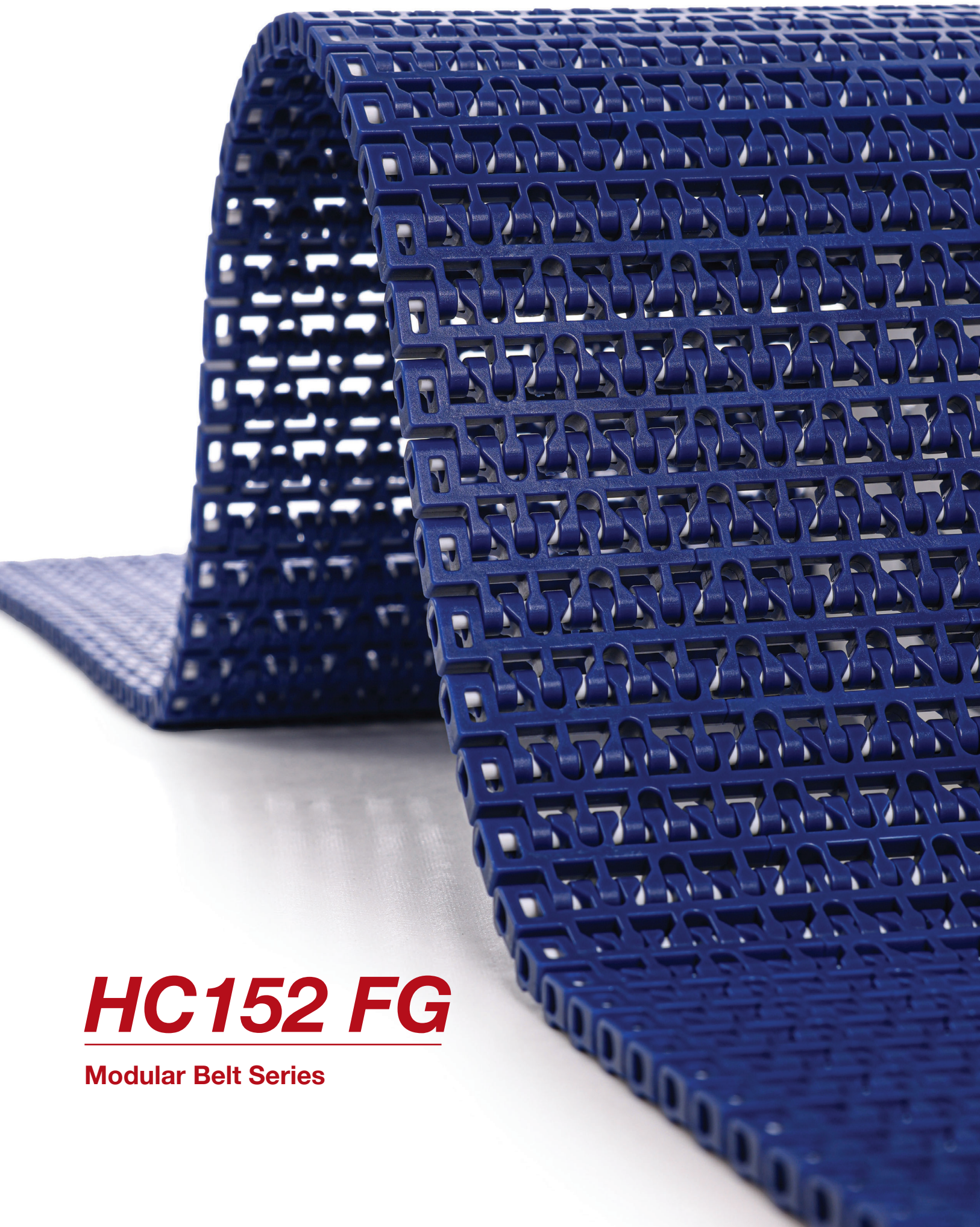




HC152 FG

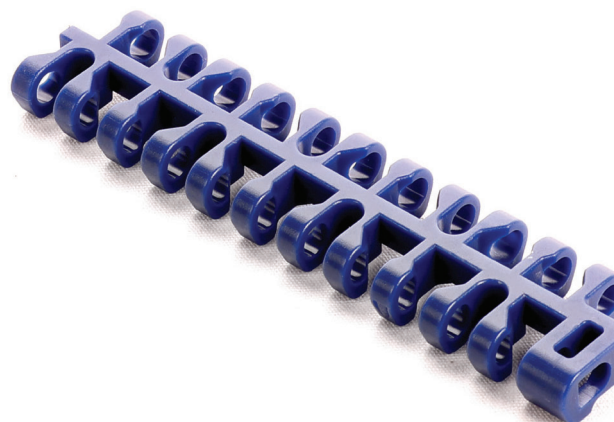
Modular Belt Series



MODUTECH®
Movement Technologies

HC152 FG

Pitch:	15,24 mm / 0,6 inch
Belt Surface:	Open, Smooth Surface
Minimum Width:	76,2 mm / 3 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:	8,7 mm / 0.344 inch

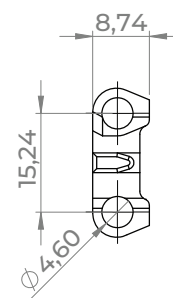
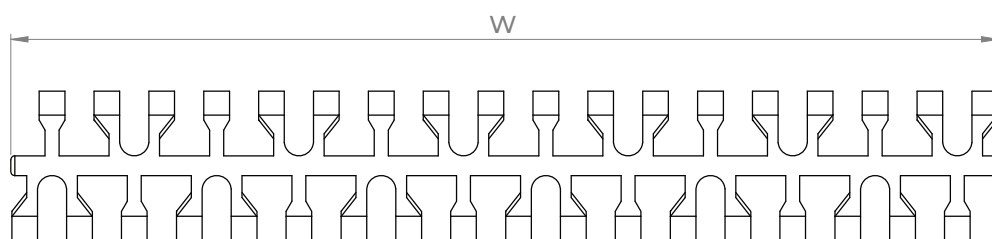


HC152 FG Technical Information

Belt Material		POM	POM	POM	PP	PP	PE	PA
Pin Material		PA	POM	PP	PP	POM	PE	PA
Belt Strength	N/m lb/ft	22500 - 1540	22500 - 1540	20000 - 1370	10500 - 720	12000 - 820	7000 - 480	7000 - 480
Temperature	°C °F	-40 / +93 -40 / +200	-40 / +93 -40 / +200	+5 / +93 +40 / +200	+5 / +105 +40 / +200	+5 / +93 +40 / +200	-70 / +65 -40 / +150	-46 / 150 -46 / 302
Belt Weight	kg/m² lb/sqft²	6,5 / 1.34	6,8 / 1.39	6,2 / 1.28	4,3 / 0,89	4,9 / 1.0	4,6 / 0,95	5,6 / 1.14

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

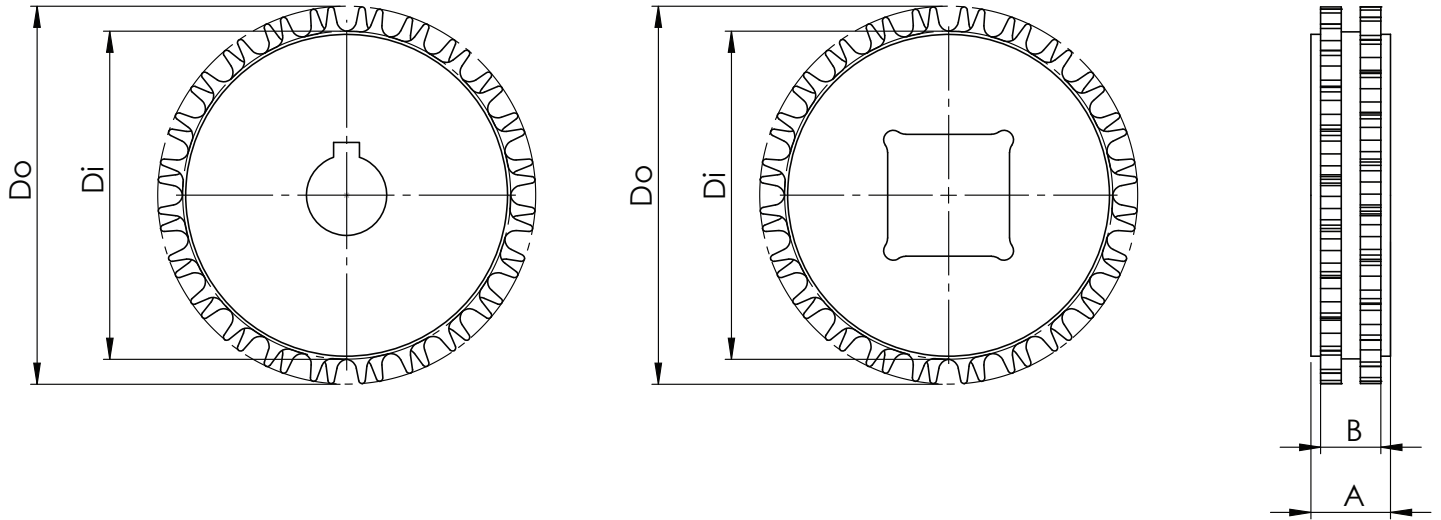
- Belt provides optimal open area for drainage and airflow.
- Less friction and product contact for easy cooking, cooling and freezing of products.
- Reduced dirt and oxide build due to self cleaning surface.
- Suitable for wide range of applications for general conveyance.
- Designed to run over nosebars/knife edges or rollers.

Important Notes

- Standard belt width increment 50,8mm (2").
- Non-standard belt width increment 12,7mm(0.5").
- Special raw materials and additional colors available.
- Please contact with customer service for precise belt measurements.
- For PE, PP, POM materials up to 750 mm (30") -1 mm to 2 mm and 0% to 0.4% for smaller belts.

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.

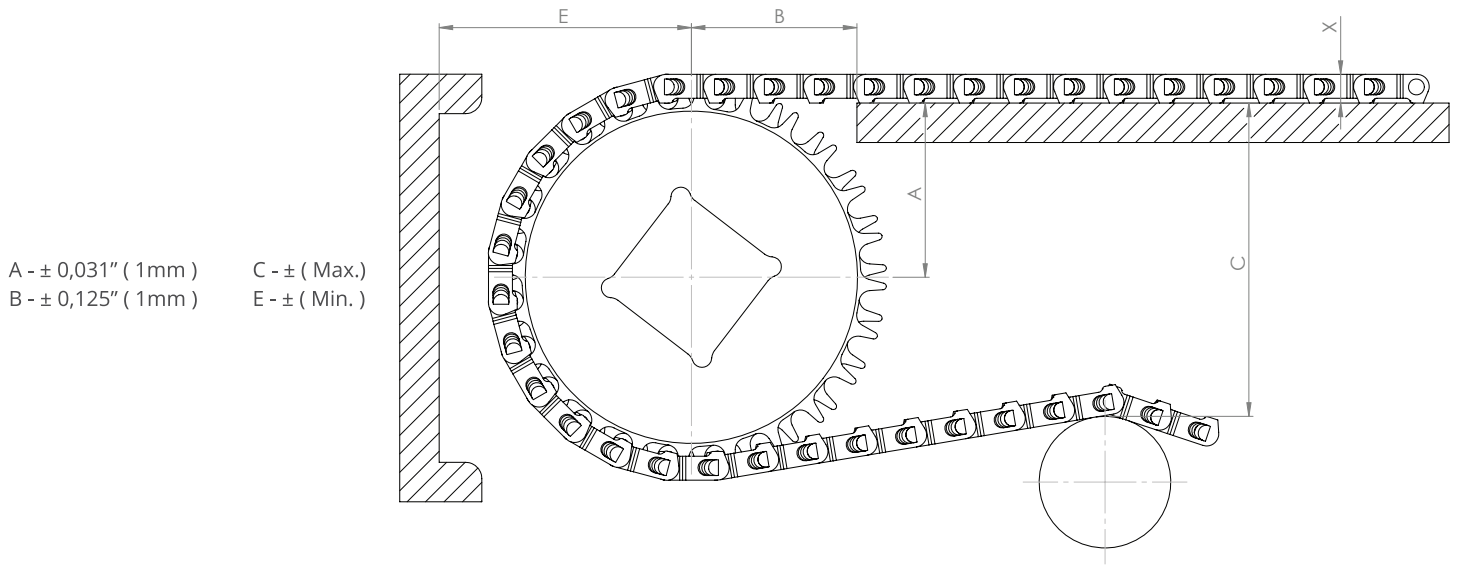
*Other sprockets and hub sizes are manufactured up to request.

*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

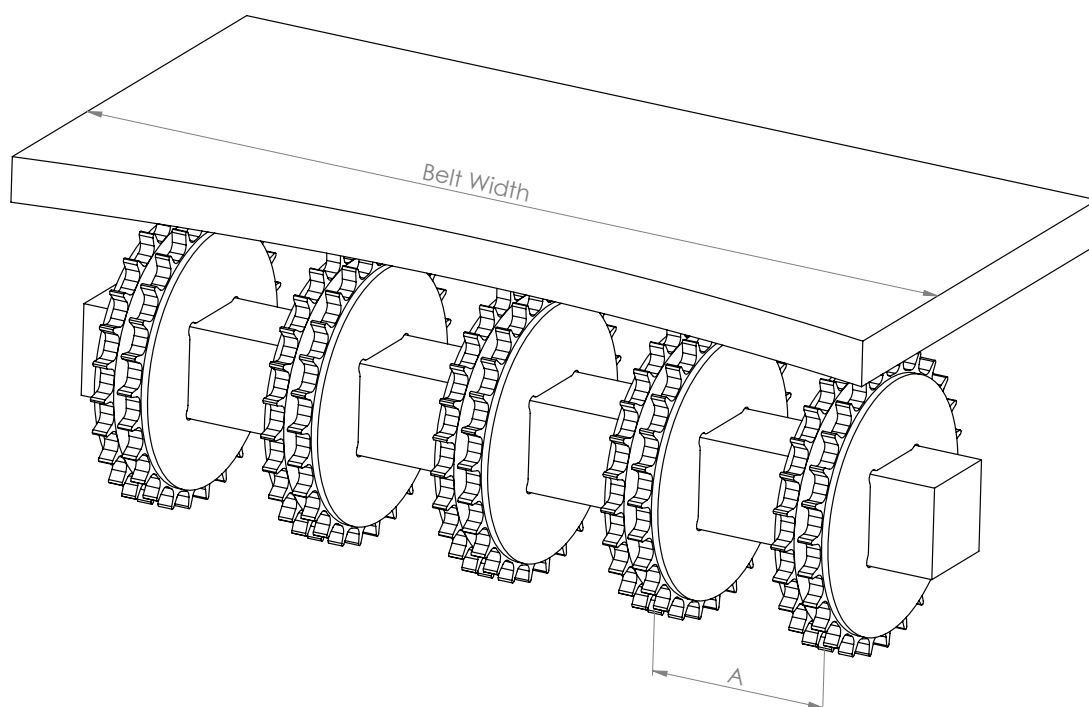


HC152 Series / Conveyor Frame Dimensions

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").