BELT TECHNIK
GMBH

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Certification:

Patented product · CE

PRODUCT CATALOGUE | HIGH-QUALITY CHAINS BELT

2022

BELT TECHNIK GMBH

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CONTENTS

Vorwort

Wir von der Belt Technik GmbH wollen stets ein verlässlicher und integrer Partner mit hohen ethischen Ansprüchen für unsere Kunden sein, kreative Köpfe zusammenbringen, um die besten Lösungen für die Anforderungen der Märk-te zu finden. Das bedeutet für uns erfolgreiches Wirtschaften. Unser Anspruch ist es, der attraktivste Partner für unsere Kunden zu sein, wann immer sie Herausforderungen begegnen.

Unsere Firma hält sich an den Grundsatz "Innovation muss fortlaufend sein"!

Deshalb investieren unsere Produzenten große Summen in Forschung und Entwicklung.

Eines unserer Kerngeschäfte ist der Vertrieb intelligenter modularer Kunststoff-Förderbänder. Wir bieten ein sehr umfangreiches Sortiment an qualitativ hochwertigen und zertifizierten Modulbändern an. Diese beziehen wir von der Nr.1 Hersteller in China (Hong's Belt). Diese werden bereits seit mehreren Jahren erfolgreich in den USA vertrieben und auch in Europa finden sie immer mehr Anklang.

Die Modulbänder werden für den europäischen Markt in Polen produziert und konfektioniert. Das garantiert für unsere Kunden kurze Lieferzeiten. Auch Express-Konfektionierung ist auf Anfrage möglich.

Die Belt Technik bietet komplette Produktsysteme, sowohl für weltweite und OEM-Kunden an. Für Sonderwünsche sind wir flexibel und entwickeln auf Wunsch ein Spezialprodukt. Wir beraten Sie sehr gerne vor Ort.

Wir kennen das wichtige Prinzip zwischen langfristiger Zusammenarbeit und technologischer Unterstützung.

Geschäftsführer der Belt Technik GmbH

Christian Scholz

The company

CHAINS BELT INTRODUCTION

High quality plastic flat top chain series.

These plastic chains be installed and will run on most modern chain system and sprockets as are compatible for different industrial standards.

The new chain series are suitable for many different speciality applications. For example low friction coefficient, anti-chemical, anti-static, flame-proof and so on. They can be used for a variety of different industries & environments.

Packing Type:

3.048 meters per box

Product Type

1 Thermoplastic Flat Top Chain
2 Low Back Pressure Roller
3 Elevator Chain
4 Flexible Side Curve Chain
5 Keel Chain
6 Special Plastic Chain
7 Tooth Curve Chain

Different materials for choice

A wide range of innovative materials allow all clients' needs to be met.

- DP Standard POM
- LF Low Friction Coefficient POM
- PT Special Low Friction Coefficient POM (Contain lubricating material itself)
- AS Anti-static
- EC Anti-static(electrical conductivity)
- DE Suitable For Metal Detector
- PK Anti-wear (in dry and wet environment)
- WR Anti-wear (suitable for glass ware)
- NY Heat Stable Polyamide
- PP Anti-chemical
- FR Flame-proof
- MG Magnetic

Widely applied in various industries

- Beverage plant
- Bake industry
- Package plant
- Dairy production plant
- Electronics industry
- Manufacturing industry
- Automobile industry
- Logistics conveying
- Papermaking and corrugated paper

Application cases

- Beverage filling application
- Carton handling
- Container handling
- Aerosol filling
- Toilet paper handling
- Package line
- Glass ware handling

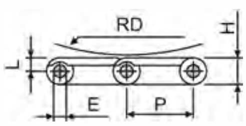
HIGH-QUALITY CHAINS BELT

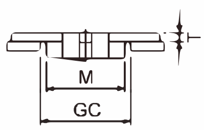
BELT TECHNIK GMBH

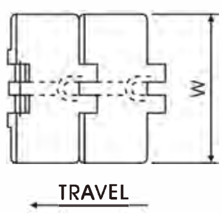
HS-820 SERIES

Materials | Sprockets 104~108 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel







Dimension	mm	inches
P	38.1	1.5
M	42.1	1.657
L	7.2	0.283
H	13.5	0.531
E	6.35	0.25
T	4.0	0.189
RD	50	1.970
GC	44.5	1.732

HS-820 (Straight Running Plastic Chain)

CHARACTERISTICS

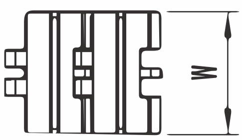
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs (21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-820 K250	63.5	2.50	1230	276	-	-	50	1.97	0.73
HS-820 K325	82.6	3.25	1230	276	-	-	50	1.97	0.83
HS-820 K330	83.8	3.30	1230	276	-	-	50	1.97	0.85
HS-820 K350	88.9	3.50	1230	276	-	-	50	1.97	0.87
HS-820 K400	101.6	4.00	1230	276	-	-	50	1.97	0.95
HS-820 K450	114.3	4.50	1230	276	-	-	50	1.97	1.03
HS-820 K600	152.4	6.00	1230	276	-	-	50	1.97	1.25
HS-820 K750	190.5	7.50	1230	276	-	-	50	1.97	1.47

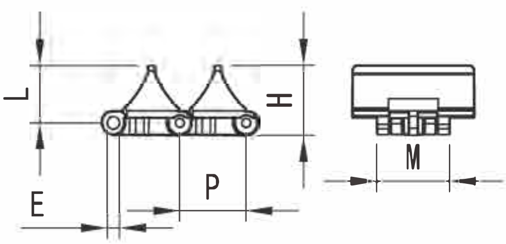
BELT TECHNIK GMBH

HS-820-D SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel

Materials | Sprockets 104~108 | Applications





Dimension	mm	inches
P	37.8	1.488
M	41.6	1.638
L	32.7	1.287
H	40	1.575
E	7	0.276
W	70	2.756

HS-820-D (Straight Running Plastic Chain with Flight)

CHARACTERISTICS

	Width W (mm)	Width W (inch)	Working Load N(21℃)	Working Load lbs(21℃)	Radius (mm)	Radius (inch)	Reverse Radius (mm)	Reverse Radius (inch)	Weight (kg/m)
HS-820-K275-T26	69.9	2.75	1230	276	-	-	50	1.97	1.70
HS-820-K325-T26	82.6	3.25	1230	276	-	-	50	1.97	1.87
HS-820-K350-T26	88.9	3.50	1230	276	-	-	50	1.97	2.10
HS-820-K400-T26	101.6	4.00	1230	276	-	-	50	1.97	2.35
HS-820-K550-T31	139.7	5.50	1230	276	-	-	50	1.97	3.30

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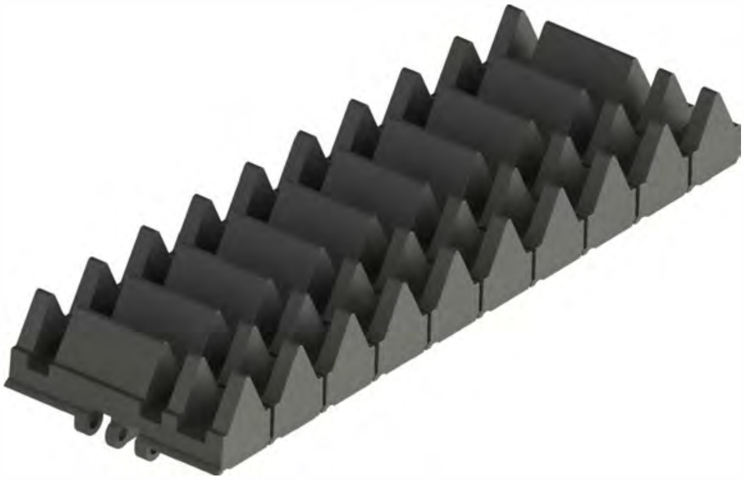
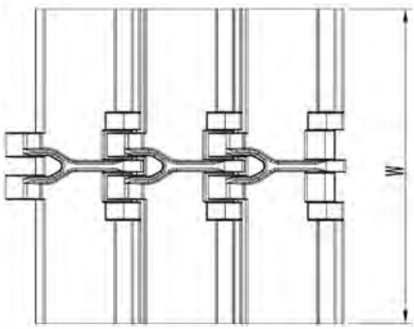
HS-820-T SERIES

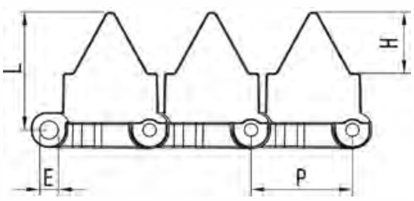
Materials | Sprockets 104~108 | Applications

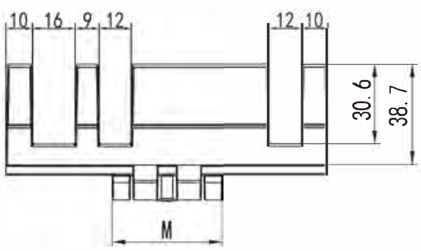
Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel





Dimension	mm	inches
P	38.1	1.500
M	41.5	1.634
L	45.4	1.787
H	23.6	0.929
E	7.0	0.276
W	120.9	4.760





HS-820-T (Straight Running Plastic Chain with Flight)

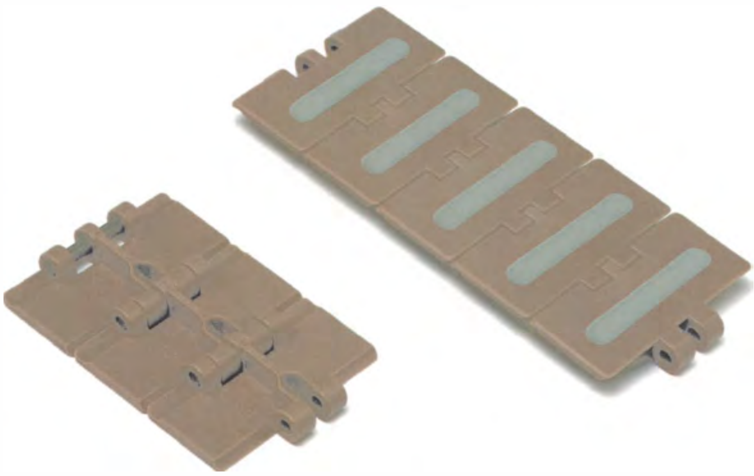
CHARACTERISTICS

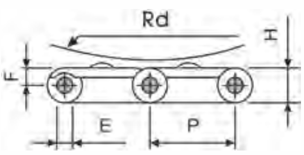
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs (21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-820-K476-T25	120.9	4.76	1230	276	-	-	50	1.97	3.95

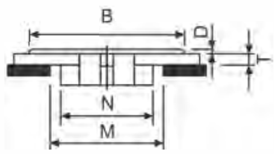
HS-820-EL SERIES

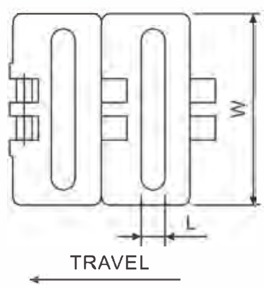
Materials | Sprockets 104~108 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel









Dimension	mm	inches
P	38.1	1.500
W	–	–
E	6.4	0.250
T	4.0	0.157
F	7.2	0.283
M	44.5	1.752
N	42.1	1.657
D	2.0	0.079
L	10.0	0.394
H	13.5	0.531
RD	178.0	7.008

B:65. 0/101. 6/114. 3/135. 0

HS-820-EL (Straight Running Plastic Chain)

CHARACTERISTICS

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-820-K325-EL	82.5	3.25	1230	276	–	–	40	1.575	0.83
HS-820-K400-EL	101.6	4.00	1230	276	–	–	40	1.575	0.95
HS-820-K450-EL	114.3	4.50	1230	276	–	–	40	1.575	1.03
HS-820-K600-EL	152.4	6.00	1230	276	–	–	40	1.575	1.25

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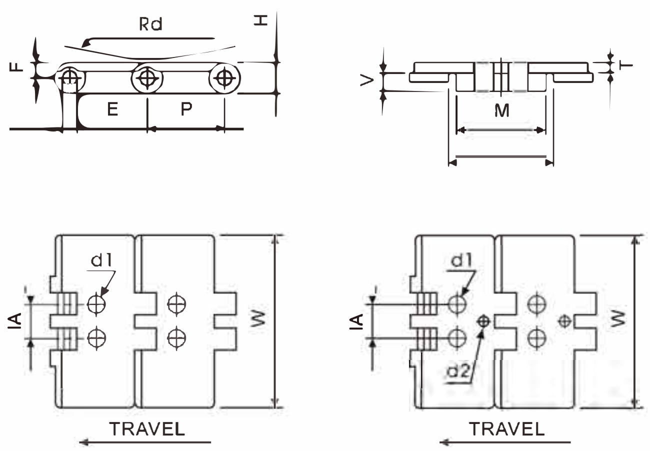
HS-820 VACUUM SERIES

Materials

Sprockets
104~108

Applications

Plate Materials：POM-DP,POM-LF
Pin Material：Cold rolled austenitic stainless steel



Dimension	mm	inches
P	38.1	1.500
W	–	–
H	13.5	0.531
T	4.0	0.157
E	6.4	0.252
M	42.1	1.657
F	7.2	0.283
V	9.5	0.374
N	44.5	1.752
RD	40.0	1.575

HS-820 VACUUM (Straight Running Plastic Chain)

CHARACTERISTICS

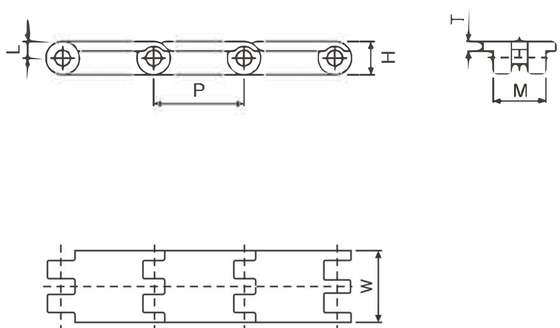
	Width W		Working Load		d1		d2	IA		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(mm)	(inch)	(kg/m)
HS-820-K325 B2	82.5	3.25	1230	276	6.5	0.26	-	19	0.75	0.83
HS-820-K350 B2	88.9	3.50	1230	276	4.0	0.16	-	45	1.77	0.87
HS-820-K450 B2 H30	114.3	4.50	1230	276	8.0	0.31	-	30	1.18	1.03
HS-820-K450 B2 H50	114.3	4.50	1230	276	8.0	0.31	-	50	1.97	1.03

*IA=Distance between centres.
*B1=one bore B2=two bores

HS-820-mini SERIES

Materials | Sprockets 109 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	38.1	1.500
M	22.0	0.866
W	30.0	1.181
H	13.8	0.543
L	6.8	0.268
T	4.0	0.157

HS-820-mini (Straight Running Plastic Chain)

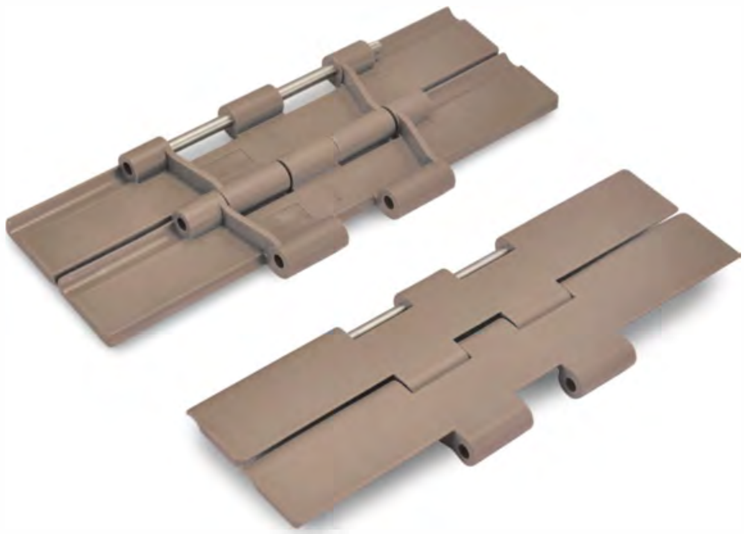
CHARACTERISTICS

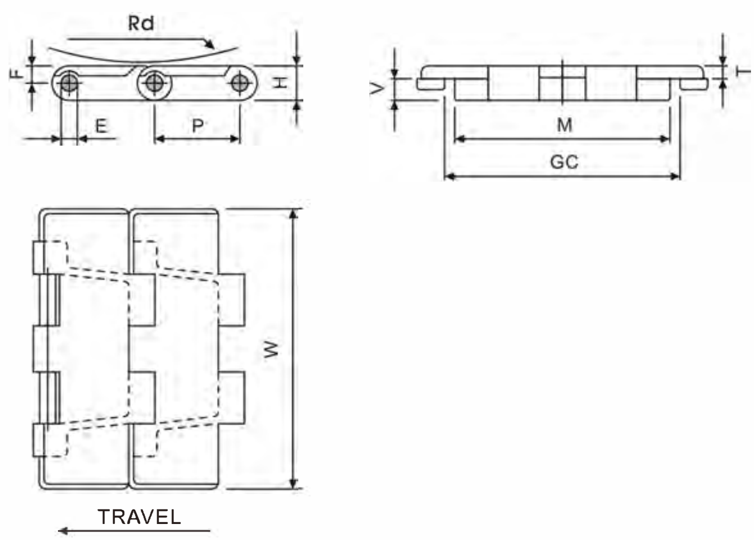
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-820 mini-K118	30.0	1.18	1230	276	–	–	50	1.97	0.46
HS-820 mini-K126	32.0	1.26	1230	276	–	–	50	1.97	0.52

HS-821 SERIES

Materials | Sprockets 110~112 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel





Dimension	mm	inches
P	38.1	1.500
W	–	–
H	14.3	0.563
T	4.8	0.189
E	7.9	0.311
M	136.5	5.374
F	7.9	0.311
V	13.0	0.512
RD	50.0	1.970
GC	140.0	5.512

HS-821 (Straight Running Plastic Chain)

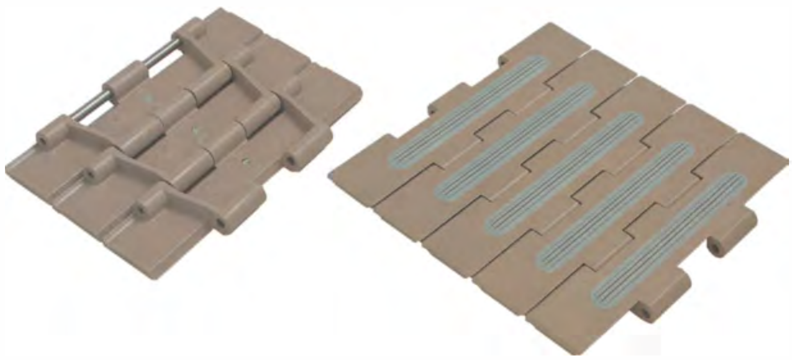
CHARACTERISTICS

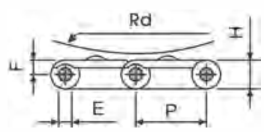
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-821-K750	190.5	7.50	2680	603	–	–	50	1.97	2.50
HS-821-K1000	254.0	10.00	2680	603	–	–	50	1.97	2.95
HS-821-K1200	304.8	12.00	2680	603	–	–	50	1.97	3.25

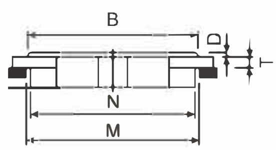
HS-821-EL SERIES

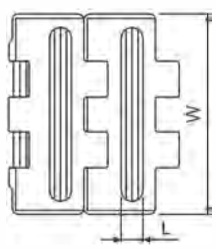
Materials | Sprockets 110~112 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel









Dimension	mm	inches
P	38.1	1.500
W	–	–
E	6.4	0.250
T	4.8	0.189
F	7.9	0.311
M	140.0	5.512
N	136.5	5.374
D	2.0	0.079
L	10.0	0.394
H	14.3	0.563
RD	40.0	1.575

B:132. 0/195. 0/245. 0

HS-821-EL (Straight Running Plastic Chain)

CHARACTERISTICS

	Width W (mm)	(inch)	Working Load N(21℃)	lbs(21℃)	Radius (mm)	(inch)	Reverse Radius (mm)	(inch)	Weight (kg/m)
HS-821-K750-EL	190.5	7.50	2680	603	–	–	40	1.575	2.50
HS-821-K1000-EL	254.0	10.00	2680	603	–	–	40	1.575	2.95
HS-821-K1200-EL	304.8	12.00	2680	603	–	–	40	1.575	3.25

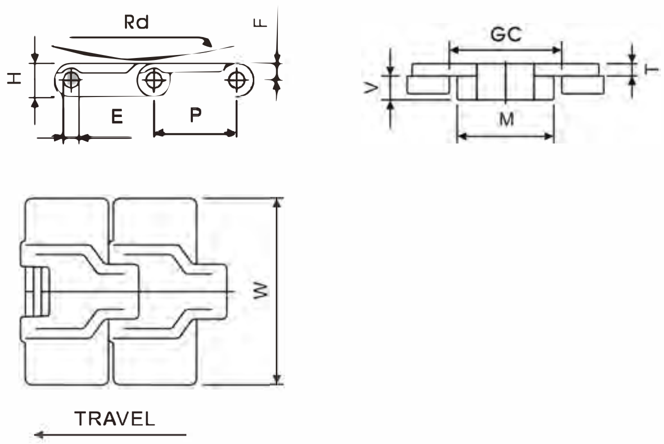
HS-828 SERIES

Materials

Sprockets
106~108
113/114

Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	38.1	1.500
W	–	–
H	15.0	0.590
T	4.0	0.157
E	6.4	0.252
M	42.1	1.657
F	7.5	0.295
V	11.0	0.433
RD	50.0	1.969
GC	44.0	1.732

HS-828 (Straight Running Plastic Chain)

CHARACTERISTICS

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-828-K325	82.6	3.25	2000	450	–	–	40	1.575	1.05
HS-828-K330	83.8	3.30	2000	450	–	–	40	1.575	1.08

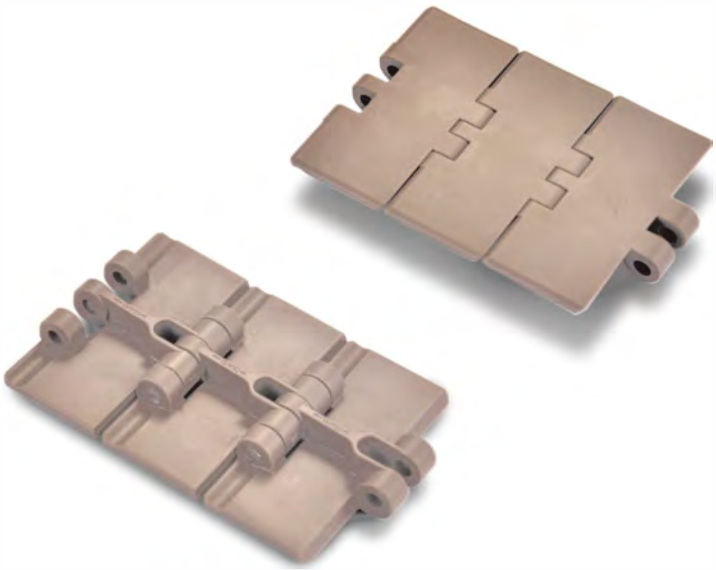
HS-831 SERIES

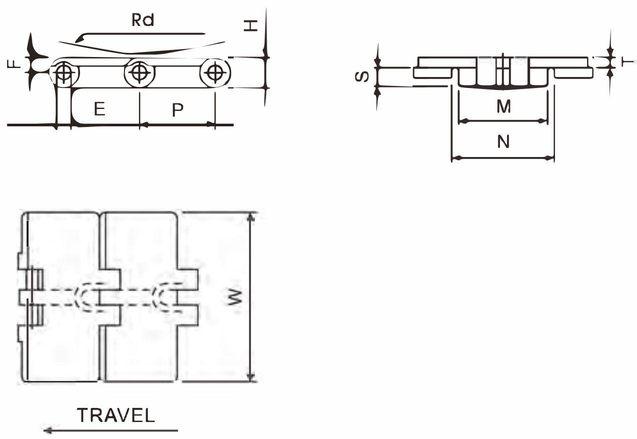
Materials

Sprockets
104~108

Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel





Dimension	mm	inches
P	38.1	1.500
W	–	–
E	6.2	0.200
T	4.8	0.157
F	7.2	0.563
N	44.5	1.434
M	42.1	1.343
S	8.7	0.469
H	13.5	0.496

HS-831 (Straight Running Plastic Chain)

CHARACTERISTICS

	Width W (mm)	(inch)	Working Load N(21℃)	lbs(21℃)	Radius (mm)	(inch)	Reverse Radius (mm)	(inch)	Weight (kg/m)
HS-831-K325	82.5	3.25	1230	277	–	–	50	1.97	1.00
HS-831-K400	101.6	4.00	1230	277	–	–	50	1.97	1.15
HS-831-K450	114.3	4.50	1230	277	–	–	50	1.97	1.24
HS-831-K600	152.4	6.00	1230	277	–	–	50	1.97	1.51
HS-831-K750	190.5	7.50	1230	277	–	–	50	1.97	1.76

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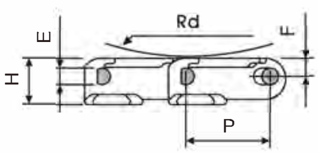
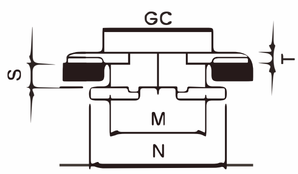
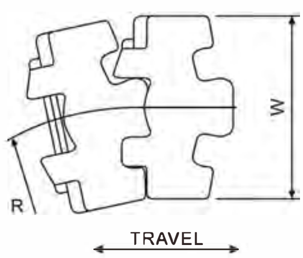
HS-878-BO SERIES

Materials | Sprockets 113~115 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel







Dimension	mm	inches
P	38.1	1.500
W	–	–
E	7.1	0.280
T	4.8	0.157
F	8.4	0.331
N	61.5	2.421
M	42.9	1.689
S	11.5	0.453
H	20.8	0.819
R	190.0	7.480
RD	40.0	1.575
GC(Straight)	46.0	1.811
GC(Curve)	44.2	1.740

HS-878-BO (Side Flexing Plastic Chain)

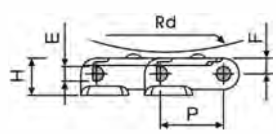
CHARACTERISTICS

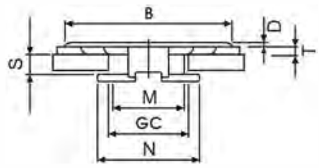
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-878-BO-K325	82.5	3.25	2100	472	190	7.48	40	1.575	1.08
HS-878-BO-K450	114.3	4.50	2100	472	190	7.48	40	1.575	1.20

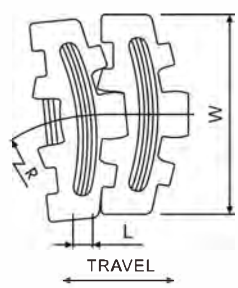
HS-878-BO-EL SERIES

Materials Sprockets 113~115 Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel







Dimension	mm	inches
P	38.1	1.500
W	–	–
E	7.1	0.280
T	4.0	0.157
F	8.4	0.329
M	42.9	1.689
N	61.5	2.241
D	2.0	0.079
L	11.4	0.449
H	20.8	0.819
R	190. 0	7.480
S	11.5	0.453
RD	40.0	1.575
GC(Straight)	46.0	1.811
GC(Curve)	44.2	1.740

B:132.0/195. 0/246.0

HS-878-BO-EL (Side Flexing Plastic Chain)

CHARACTERISTICS

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-878-BO-K325-EL	82.5	3.25	2100	472	190	7.48	40	1.575	1.08
HS-878-BO-K450-EL	114.5	4.50	2100	472	190	7.48	40	1.575	1.20

BELT TECHNIK
GMBH

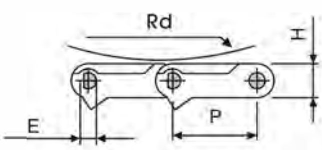
HS-880 SERIES

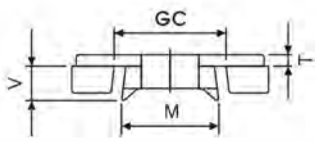
Materials

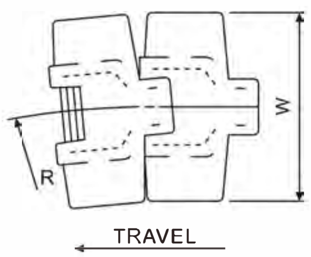
Sprockets
106~108
113~115

Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel







Dimension	mm	inches
P	38.1	1.500
R	400.0	15.748
W	–	–
H	20.0	0.787
T	4.0	0.157
E	7.1	0.280
M	42.9	1.689
V	16.0	0.630
RD	40.0	1.575
GC(Straight)	44.5	1.752
GC(Curve)	41.4	1.630

HS-880 (Side Flexing Plastic Chain)

CHARACTERISTICS

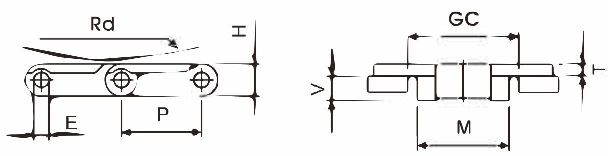
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs (21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-880-K325	82.6	3.25	2100	472	457	18.00	40	1.57	0.89
HS-880-K350	88.9	3.50	2100	472	457	18.00	40	1.57	0.96
HS-880-K450	114.3	4.50	2100	472	457	18.00	40	1.57	1.04
HS-880-K750	190.5	7.50	2100	472	457	18.00	40	1.57	1.74

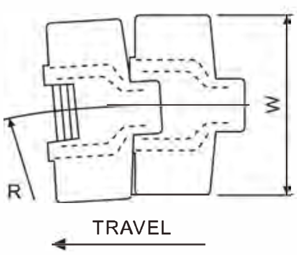
BELT TECHNIK
GMBH

HS-880M SERIES

Materials
Sprockets
106~108
Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Magnetic stainless steel





Dimension	mm	inches
P	38.1	1.500
R	400.0	15.748
W	–	–
H	15.0	0.591
T	4.0	0.157
E	7.1	0.280
M	42.1	1.657
V	11.0	0.433
RD	50.0	1.969
GC	44.0	1.732

HS-880M (Side Flexing Plastic Chain)

CHARACTERISTICS

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs (21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-880M-K325	82.5	3.25	2100	472	500	19.68	50	1.97	1.03
HS-880M-K330	83.8	3.30	2100	472	500	19.69	50	1.97	1.09
HS-880M-K450	114.3	4.50	2100	472	610	24.00	50	1.97	1.16

BELT TECHNIK
GMBH

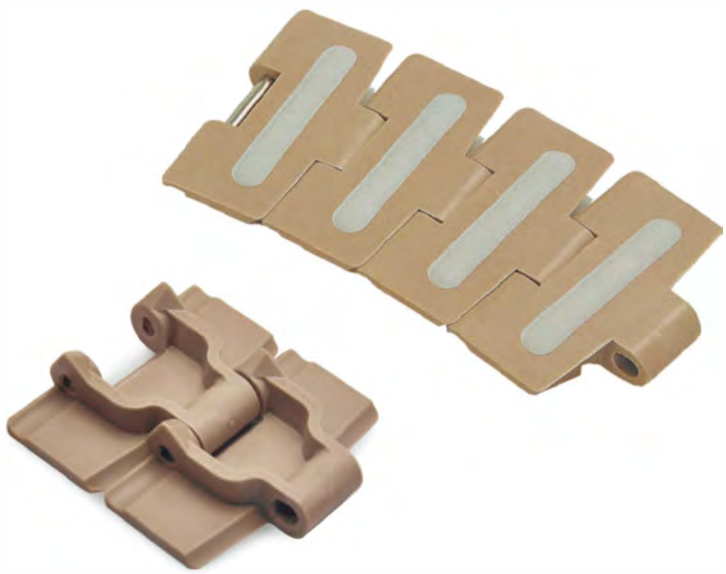
HS-880-EL SERIES

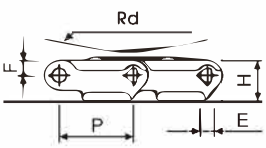
Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel

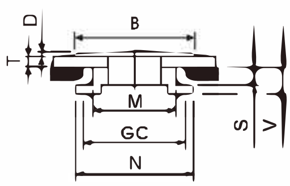
Materials

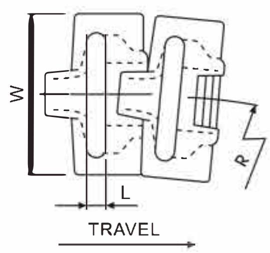
Sprockets
106~108
113~115

Applications









Dimension	mm	inches
P	38.1	1.500
W	–	–
E	7.1	0.280
T	4.0	0.157
F	7.6	0.300
N	61.1	2.406
M	42.9	1.689
D	2.0	0.079
L	10.0	0.394
H	20.0	0.787
R	400.0	1.575
S	11.5	0.453
V	16.0	0.630
RD	40.0	1.575
GC(Straight)	46.0	1.811
GC(Curve)	44.2	1.740

B:65. 0/95. 0

HS-880-EL(Side Flexing Plastic Chain)

CHARACTERISTICS

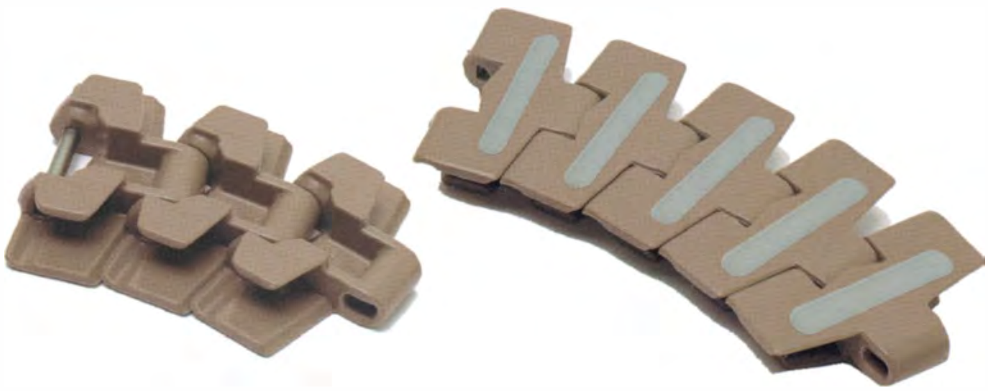
	Width W (mm)	(inch)	Working Load N(21℃)	lbs(21℃)	Radius (mm)	(inch)	Reverse Radius (mm)	(inch)	Weight (kg/m)
HS-880-K325-EL	82.5	3.25	2100	472	457	18.00	40	1575	0.94
HS-880-K450-EL	114.3	4.50	2100	472	500	19.69	40	1575	1.08

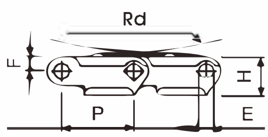
BELT TECHNIK GMBH

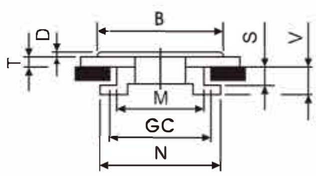
HS-880-BO-EL SERIES

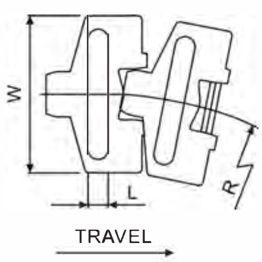
Materials | Sprockets 114~115 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel









Dimension	mm	inches
P	38.1	1.500
W	–	–
E	7.1	0.280
T	4.0	0.157
F	7.6	0.300
N	61.1	2.406
M	42.9	1.689
D	2.0	0.079
L	10.0	0.394
H	20.0	0.787
R	400.0	1.575
S	11.5	0.453
V	16.0	0.630
B	65.0	2.560
RD	40.0	1.575
GC(Straight)	46.0	1.811
GC(Curve)	44.2	1.740

HS-880-BO-EL (Side Flexing Plastic Chain)

CHARACTERISTICS

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-880-BO-K325-EL	82.5	3.25	1680	378	190	7.48	40	1.575	0.96

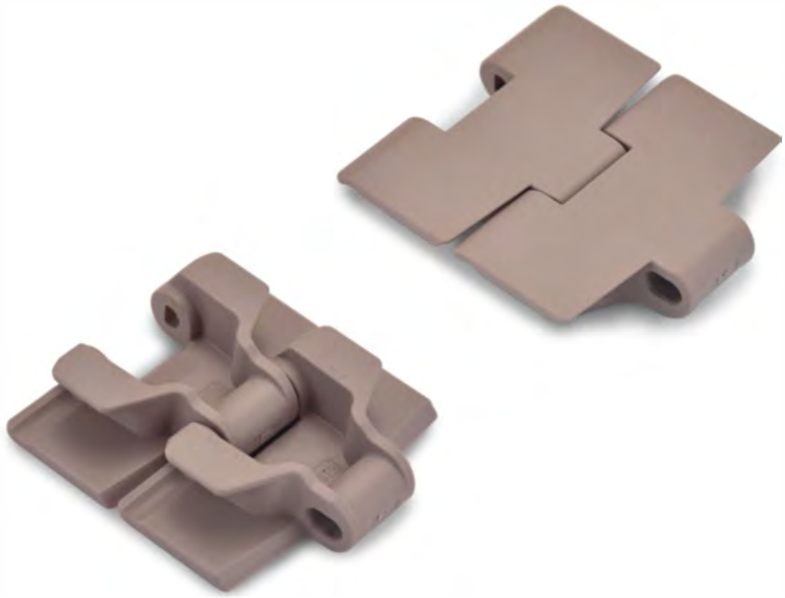
HS-880TAB SERIES

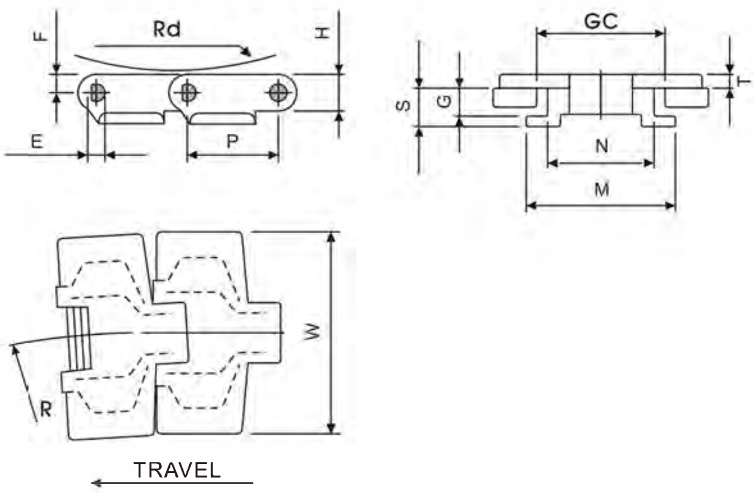
Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel

Materials

Sprockets
106~108
113~115

Applications





Dimension	mm	inches
P	38.1	1.500
R	400.0	15.748
W	–	–
H	20.0	0.787
T	4.0	0.157
F	7.6	0.300
E	7.1	0.280
M	61.1	2.406
N	42.9	1.689
S	16.0	0.630
G	11.5	0.453
RD	40.0	1.575
GC(Straight)	46.0	1.811
GC(Curve)	44.2	1.740

HS-880TAB (Side Flexing Plastic Chain)

CHARACTERISTICS

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-880TAB-K325	82.5	3.25	2100	472	457	18.00	40	1.57	0.94
HS-880TAB-K450	114.5	4.50	2100	472	500	19.69	40	1.57	1.08
HS-880TAB-K600	152.4	6.00	2100	472	560	22.05	40	1.57	1.32
HS-880TAB-K750	190.5	7.50	2100	472	610	24.00	40	1.57	1.35

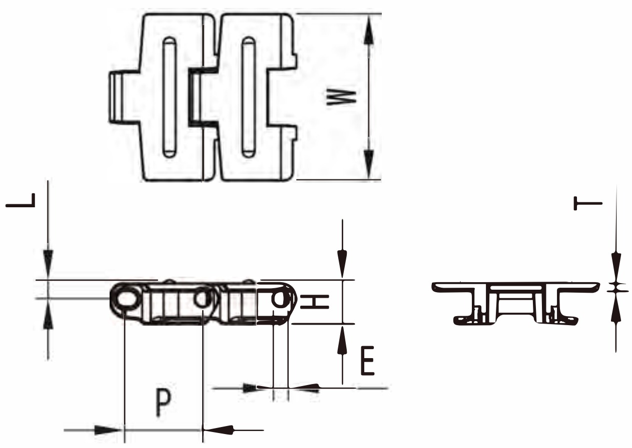
HS-880TAB-EL SERIES

Materials

Sprockets 106~108 113~115

Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	38.6	1.52
M	57.4	2.26
L	9.2	0.362
E	7.4	0.291
T	4	0.157
W	82.1	3.232
H	21.8	0.858

HS-880TAB-EL (Straight Running Plastic Chain)

CHARACTERISTICS

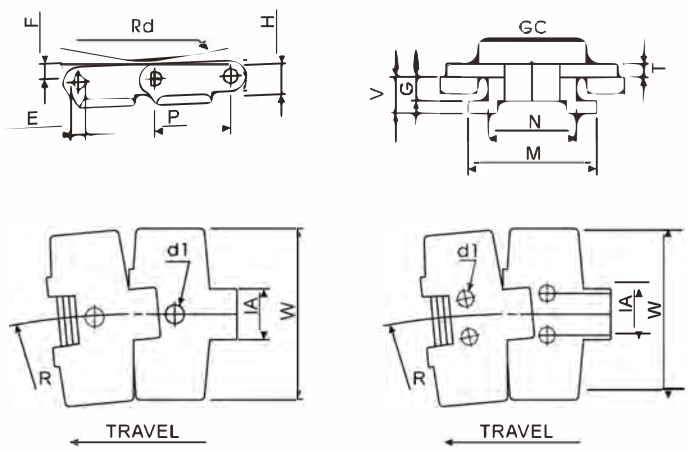
	Width W (mm)	(inch)	Working Load N(21℃)	lbs(21℃)	Radius (mm)	(inch)	Reverse Radius (mm)	(inch)	Weight (kg/m)
HS-880TAB-K325-EL	82.6	3.25	2100	472	457.2	18.00	40	1.57	0.94
HS-880TAB-K450-EL	114.3	4.50	2100	472	609.6	24.00	40	1.57	1.09

BELT TECHNIK
GMBH

HS-880TAB VACUUM SERIES

Materials | Sprockets 106~108 113~115 | Applications

Plate Materials : POM-DP,POM-LF
Pin Material : Cold rolled austenitic stainless steel



Dimension	mm	inches
P	38.1	1.500
W	–	–
H	20.0	0.787
T	4.0	0.157
E	6.4	0.281
M	61.1	2.406
F	7.6	0.300
V	11.5	0.453
N	42.9	1.689
RD	40.0	1.575
GC(Straight)	46.0	1.812
GC(Curve)	44.2	1.740

HS-880TAB VACUUM (Side Flexing Plastic Chain)

CHARACTERISTICS

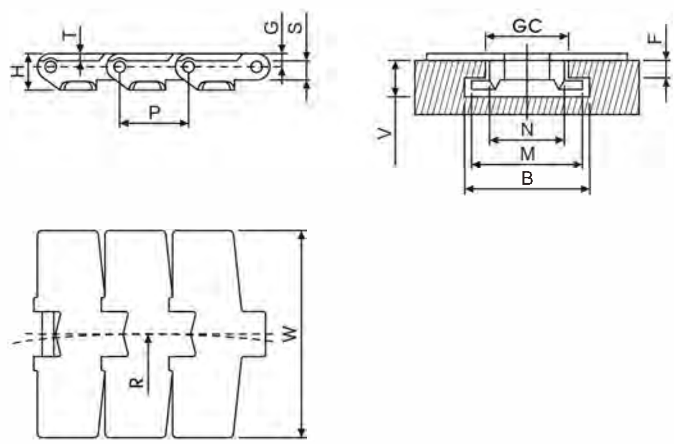
	Width W		Working Load		d1	R		IA		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-880TAB-K325 B1	82.5	3.25	2100	472	5/6/6.5	457	17.99	–	–	0.94
					8/9.5/10					
HS-828TAB-K325 B2	82.5	3.25	2100	472	6/8	457	17.99	24/20	0.95	0.94
HS-828TAB-K450 B2	114.3	4.50	2100	472	6	457	17.99	24	0.95	1.08

*IA=Distance between centres.
*B1=one bore B2=two bores

HS-880TAB-BO SERIES

Materials | Sprockets 114/115 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	38.1	1.500
R	190.0	7.480
W	–	–
H	20.0	0.787
T	4.0	0.157
F	10.0	0.394
N	43.0	1.693
M	62.0	2.441
S	12.0	0.472
G	7.6	0.299
B	70.0	2.756
V	18.0	0.709
GC(Straight)	46.0	1.811
GC(Curve)	44.2	1.740

HS-880TAB-BO (Side Flexing Plastic Chain)

CHARACTERISTICS

	Width W (mm)	Width W (inch)	Working Load N(21℃)	Working Load lbs(21℃)	Radius (mm)	Radius (inch)	Reverse Radius (mm)	Reverse Radius (inch)	Weight (kg/m)
HS-880TAB-BO-K325	82.5	3.25	1680	378	200	7.87	40	1.57	0.94
HS-880TAB-BO-K450	114.3	4.50	1680	378	200	7.87	40	1.57	1.11

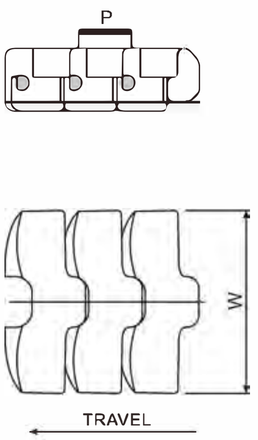
HS-880TAB-HD SERIES

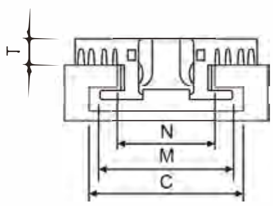
Materials

Sprockets
120/121

Applications

Plate Materials : POM-DP, POM- LF
Pin Material : Cold rolled austenitic stainless steel





Dimension	mm	inches
P	25.65	1.010
W	114.3	4.500
T	8.8	0.346
M	61.5	2.421
N	45.0	1.771
C	61.2	2.409

HS-880TAB-HD (Side Flexing Plastic Chain)

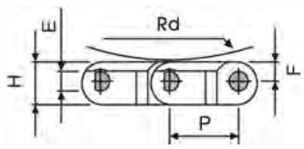
CHARACTERISTICS

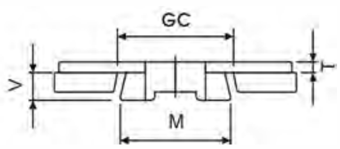
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs (21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-880TAB-HD-K450	114.3	4.50	1890	425	500	19.69	140	5.51	2.04

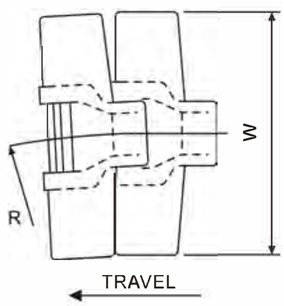
HS-882 SERIES

Materials | Sprockets 116~118 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel







Dimension	mm	inches
P	38.1	1.500
R	610.0	24.016
W	–	–
H	22.3	0.878
T	4.8	0.189
E	8.7	0.343
M	61.1	2.406
F	9.5	0.374
V	17.5	0.689
RD	40.0	1.574
GC(Straight)	61.9	2.437
GC(Curve)	58.0	2.283

HS-882 (Side Flexing Plastic Chain)

CHARACTERISTICS

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-882-K450	114.5	4.50	3830	860	610	24.00	40	1.575	1.94
HS-882-K750	190.5	7.50	3830	860	610	24.00	40	1.575	2.38
HS-882-K1000	254.0	10.00	3830	860	610	24.00	40	1.575	2.83
HS-882-K1200	304.8	12.00	3830	860	610	24.00	40	1.575	2.75

BELT TECHNIK
GMBH

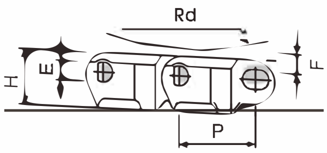
HS-882TAB SERIES

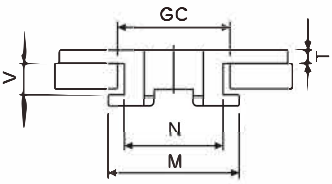
Materials

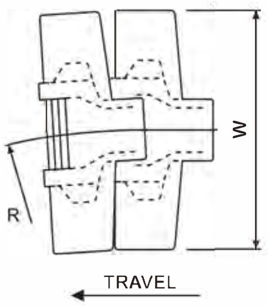
Sprockets
116~118

Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel







Dimension	mm	inches
P	38.1	1.500
R	610.0	24.016
W	–	–
H	27.0	1.063
T	4.8	0.189
E	8.7	0.343
M	76.2	3.000
F	9.5	0.374
N	57.2	2.252
V	17.0	0.669
RD	40.0	1.574
GC(Straight)	60.0	2.362
GC(Curve)	58.0	2.283

HS-882TAB (Side Flexing Plastic Chain)

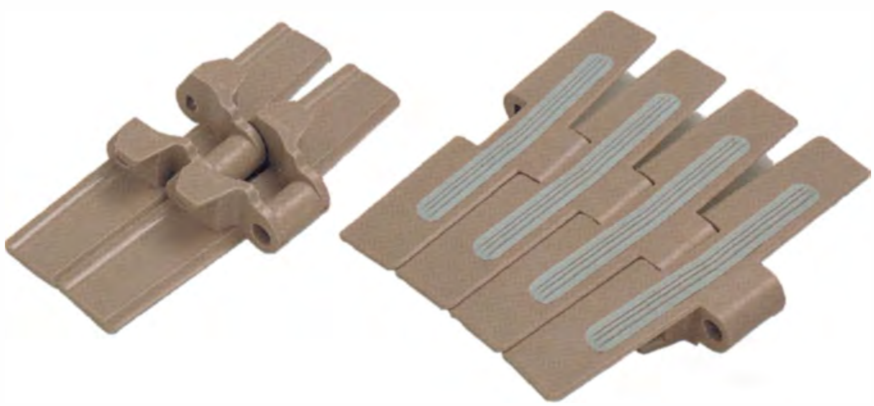
CHARACTERISTICS

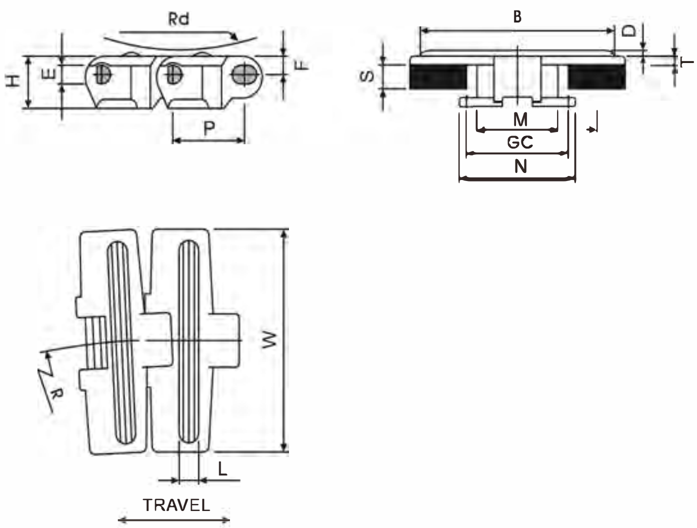
	Width W (mm)	(inch)	Working Load N(21℃)	lbs (21℃)	Radius (mm)	(inch)	Reverse Radius (mm)	(inch)	Weight (kg/m)
HS-882TAB-K450	114.3	4.50	3830	860	609.6	24.00	40	1.57	2.05
HS-882TAB-K600	152.4	6.00	3830	860	609.6	24.00	40	1.57	2.10
HS-882TAB-K750	190.5	7.50	3830	860	609.6	24.00	40	1.57	2.47
HS-882TAB-K1000	254.0	10.00	3830	860	609.6	24.00	40	1.57	2.87
HS-882TAB-K1200	304.8	12.00	3830	860	609.6	24.00	40	1.57	3.41

HS-882TAB-EL SERIES

Materials | Sprockets 116~118 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel





Dimension	mm	inches
P	38.1	1.500
W	–	–
E	8.7	0.343
T	4.0	0.157
F	9.5	0.374
M	57.2	2.252
N	76.2	3.000
D	2.0	0.079
L	11.0	0.433
H	27.0	1.063
R	610. 0	24.016
S	17.0	0.670
RD	40.0	1.575
GC(Straight)	60.0	2.362
GC(Curve)	58.2	2.283

B:132.0/195. 0/246.0

HS-882TAB-EL (Side Flexing Plastic Chain)

CHARACTERISTICS

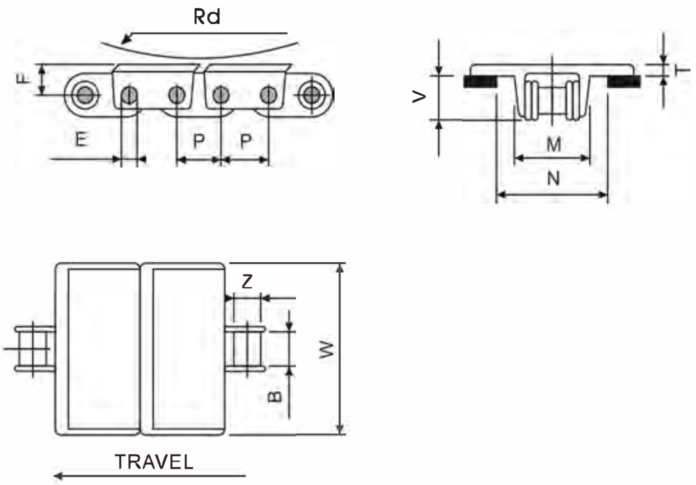
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-882TAB-K750-EL	190.5	7.50	3830	860	610	24.00	40	1.575	2.43
HS-882TAB-K1000-EL	254.0	10.00	3830	860	610	24.00	40	1.575	2.87
HS-882TAB-K1200-EL	304.8	12.00	3830	860	610	24.00	40	1.575	3.41

BELT TECHNIK
GMBH

HS-843 SERIES

Materials Sprockets 119 Applications

Plate Materials: POM-DP,POM-LF
Base Chain Material: Carbon steel, Stainless steel



Dimension	mm	inches
P	12.7	0.500
W	–	–
E	4.0	0.147
T	3.2	0.126
F	9.1	0.358
N	23.8	0.937
M	20.6	0.787
Z	8.0	0.315
B	8.0	0.453
V	11.5	0.453
RD	153.0	6.024

HS-843 (Straight Running Plastic Chain)

CHARACTERISTICS

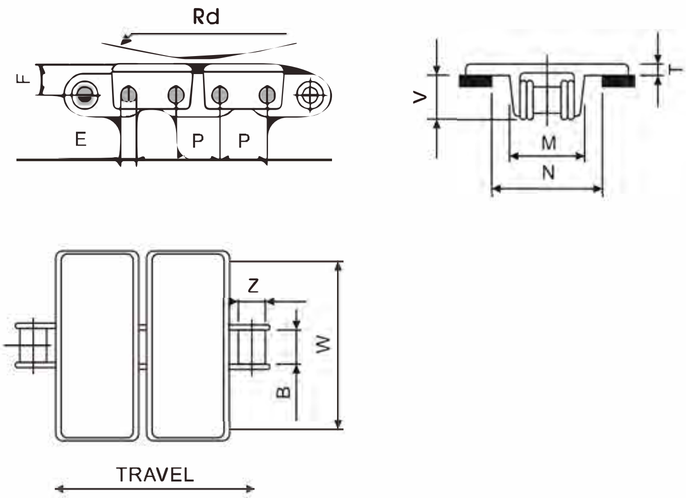
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-843-K138	35.1	1.38	2700	608	–	–	153	6.0	0.83
HS-843-K144	36.5	1.44	2700	608	–	–	153	6.0	0.84
HS-843-K200	50.8	2.00	2700	608	–	–	153	6.0	0.89
HS-843-K275	69.9	2.75	2700	608	–	–	153	6.0	0.92
HS-843-K325	82.5	3.25	2700	608	–	–	153	6.0	1.03

*The above tensile force is for Carbon steel,Please consult our engineer for that of Stainless steel.

HS-845 SERIES

Materials | Sprockets 119 | Applications

Plate Materials: POM-DP,POM-LF
Base Chain Material: Carbon steel, Stainless steel



Dimension	mm	inches
P	12.7	0.500
W	–	–
E	4.0	0.147
T	3.2	0.126
F	9.1	0.358
N	23.8	0.937
M	20.6	0.787
Z	8.0	0.315
B	8.0	0.453
V	11.5	0.453
RD	458.0	18.031

HS-845 (Straight Running Plastic Chain)

CHARACTERISTICS

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-845-K118	30.0	1.18	3500	788	–	–	458	18.0	0.85
HS-845-K138	35.1	1.38	3500	788	–	–	458	18.0	0.89
HS-845-K200	50.8	2.00	3500	788	–	–	458	18.0	0.99

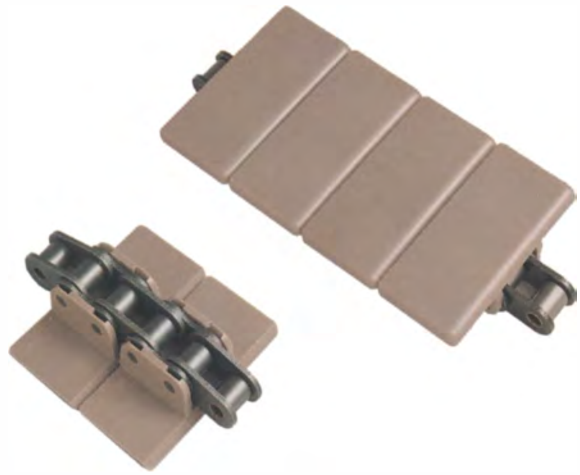
*The above tensile force is for Carbon steel,Please consult our engineer for that of Stainless steel.

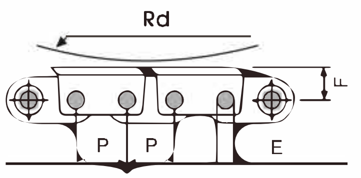
BELT TECHNIK
GMBH

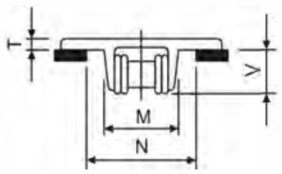
HS-863 SERIES

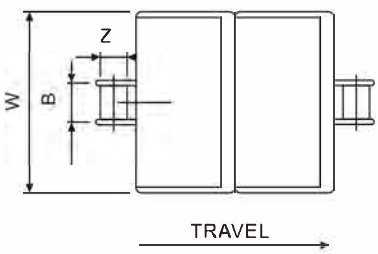
Materials | Sprockets 119 | Applications

Plate Materials: POM-DP,POM-LF
Base Chain Material: Carbon steel, Stainless steel









Dimension	mm	inches
P	19.1	0.750
W	–	–
E	6.0	0.236
T	4.0	0.157
F	14.3	0.563
N	36.5	1.434
M	34.1	1.343
Z	11.9	0.469
B	12.6	0.496
V	19.0	0.748
RD	153.0	6.024

HS-863 (Straight Running Plastic Chain)

CHARACTERISTICS

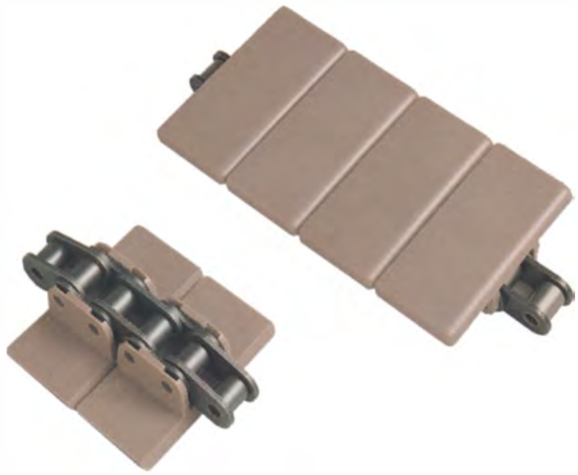
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-863-K175	44.5	1.75	5000	1125	–	–	153	6.0	1.902
HS-863-K250	63.5	2.50	5000	1125	–	–	153	6.0	.002.
HS-863-K325	82.5	3.25	5000	1125	–	–	153	6.0	102.
HS-863-K450	114.	4.50	5000	1125	–	–	153	6.0	302.
HS-863-K600	3152.	6.00	5000	1125	–	–	153	6.0	502.
HS-863-K750	4190.5	7.50	5000	1125	–	–	153	6.0	70

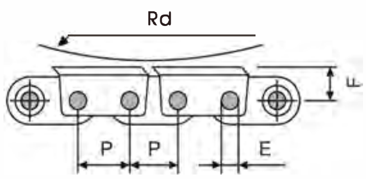
*The above tensile force is for Carbon steel,Please consult our engineer for that of Stainless steel.

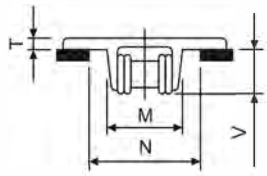
HS-963 SERIES

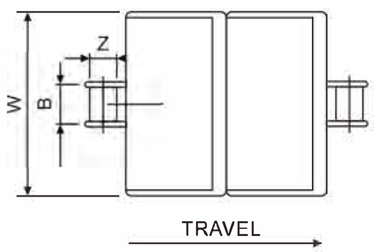
Materials Sprockets Applications

Plate Materials: POM-DP,POM-LF
Base Chain Material: Carbon steel, Stainless steel









Dimension	mm	inches
P	19.1	0.750
W	–	–
E	5.1	0.200
T	4.0	0.157
F	14.3	0.563
N	36.5	1.434
M	34.1	1.343
Z	11.9	0.469
B	12.6	0.496
V	19.0	0.748
RD	153.0	6.024

HS-963 (Straight Running Plastic Chain)

CHARACTERISTICS

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-963-K325	82.5	3.25	4500	1014	–	–	153	6.0	2.10
HS-963-K450	114.3	4.50	4500	1014	–	–	153	6.0	2.23
HS-963-K600	152.4	6.00	4500	1014	–	–	153	6.0	2.53
HS-963-K750	190.5	7.50	4500	1014	–	–	153	6.0	2.68

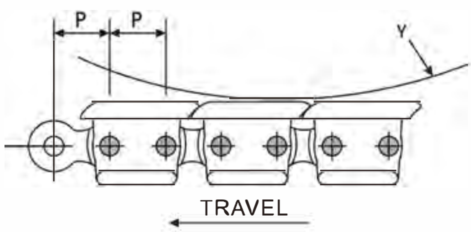
*The above tensile force is for Carbon steel,Please consult our engineer for that of Stainless steel.

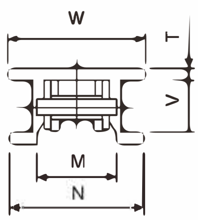
BELT TECHNIK
GMBH

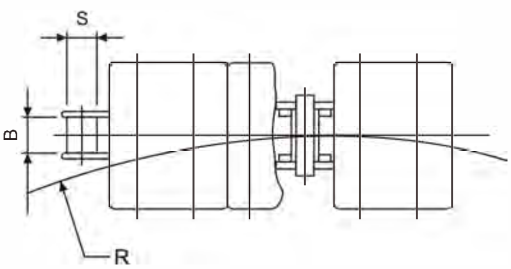
HS-1843TAB SERIES

Materials Sprockets 119 Applications

Plate Materials: POM-DP,POM-LF
Base Chain Material: Carbon steel, Stainless steel







Dimension	mm	inches
P	12.7	0.500
W	–	–
Y	50.0	1.969
T	3.2	0.126
N	20.0	0.787
M	31.0	1.220
S	8.0	0.315
B	7.9	0.311
V	11.0	0.433
R	254.0	10.000

HS-1843 (Side Flexing Plastic Chain)

CHARACTERISTICS

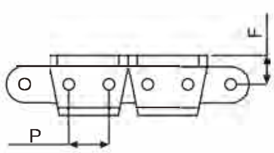
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-1843 TAB-K125	31.8	1.25	2700	608	254	10	50	2.0	0.74
HS-1843 TAB-K200	50.8	2.00	2700	608	254	10	50	2.0	0.89
HS-1843 TAB SS-K125	31.8	1.25	2700	608	254	10	50	2.0	0.74
HS-1843 TAB SS-K200	50.8	2.00	2700	608	254	10	50	2.0	0.89

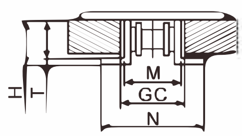
*The above tensile force is for Carbon steel,Please consult our engineer for that of Stainless steel.

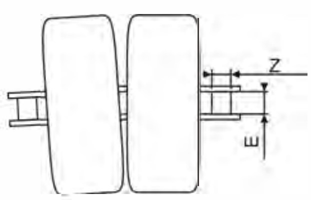
HS-1873T SERIES

Materials　Sprockets 119　Applications

Plate Materials: POM-DP,POM-LF
Base Chain Material: Carbon steel, Stainless steel







Dimension	mm	inches
P	19.05	0.750
M	32.0	1.260
Z	11.91	0.459
H	24.5	0.965
T	20.6	0.787
F	14.3	0.563
N	55.0	2.165
E	12.7	0.472
GC(Straight)	33.3	1.311
GC(Curve)	34.6	1.362

HS-1873T (Side Flexing Plastic Chain)

CHARACTERISTICS

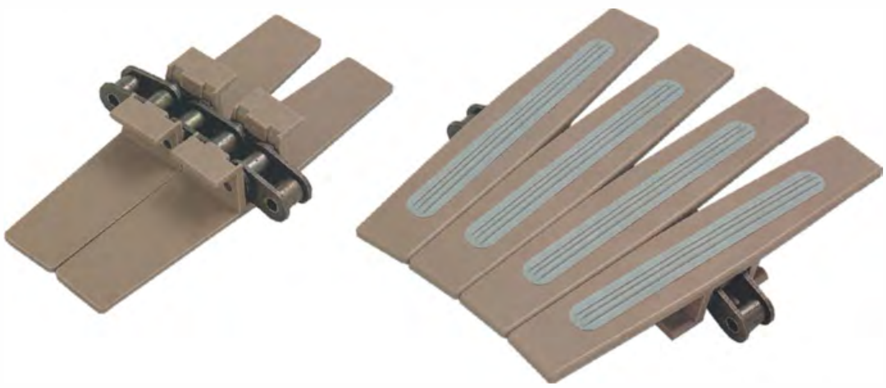
	Width W (mm)	Width W (inch)	Working Load N(21℃)	Working Load lbs(21℃)	Radius (mm)	Radius (inch)	Reverse Radius (mm)	Reverse Radius (inch)	Weight (kg/m)
HS-1873T-K325	82.6	3.25	3400	765	356	14.0	305	24.0	2.33
HS-1873T-K450	114.3	4.50	3400	765	356	14.0	305	24.0	2.49
HS-1873T-K600	152.4	6.00	3400	765	475	18.0	305	24.0	2.64
HS-1873T-K750	190.5	7.50	3400	765	475	18.0	305	24.0	2.79
HS-1873T-K1000	254.0	10.00	3400	765	475	18.0	305	24.0	3.01
HS-1873T-K1200	304.8	12.00	3400	765	610	24.0	305	24.0	3.23

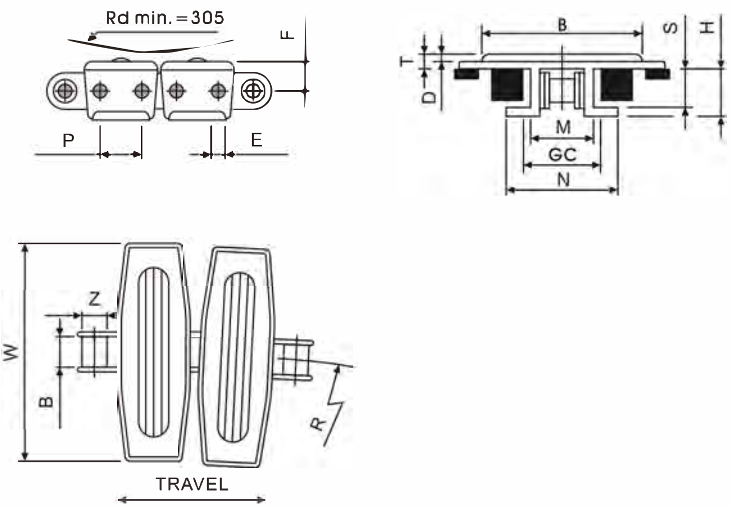
*The above tensile force is for Carbon steel,Please consult our engineer for that of Stainless steel.

HS-1873TAB-EL SERIES

Materials | Sprockets 119 | Applications

Plate Materials: POM-DP,POM-LF
Base Chain Material: Carbon steel, Stainless steel





Dimension	mm	inches
P	19.1	0.750
W	-	-
E	5.1	0.200
T	4.2	0.165
F	14.3	0.563
M	31.8	1.252
N	57.2	2.250
D	2.0	0.079
B	12.7	0.500
H	25.4	1.000
R	457.0	17.992
S	20.6	0.811
Z	11.9	0.469
RD	305.0	12.008
GC(Straight)	33.3	1.311
GC(Curve)	34.6	1.362

B:132.0/195.0/245.0

HS-1873TAB-EL (Side Flexing Plastic Chain)

CHARACTERISTICS

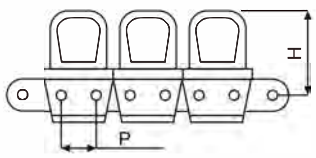
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	Ubf(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-1873TAB-K750-EL	190.5	7.50	3400	765	457	18.0	305	24.0	3.10
HS-1873TAB-K1000-EL	254.0	10.00	3400	765	457	18.0	305	24.0	3.40
HS-1873TAB-K1200-EL	304.8	12.00	3400	765	457	18.0	305	24.0	3.60

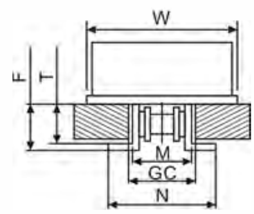
*The above tensile force is for Carbon steel,Please consult our engineer for that of Stainless steel.

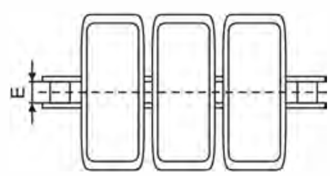
HS-1873D SERIES

Materials | Sprockets 119 | Applications

Plate Materials: POM-DP,POM-LF
Base Chain Material: Carbon steel, Stainless steel







Dimension	mm	inches
P	19.05	0.750
M	32.0	1.260
W	–	–
H	42.6	1.654
T	20.6	0.787
F	24.5	0.965
N	55.0	2.165
E	12.7	0.472
GC(Straight)	33.3	1.311
GC(Curve)	34.9	1.374

HS-1873D (Side Flexing Plastic Chain)

CHARACTERISTICS

	Width W (mm)	Width W (inch)	Working Load N(21℃)	Working Load lbs(21℃)	Radius (mm)	Radius (inch)	Reverse Radius (mm)	Reverse Radius (inch)	Weight (kg/m)
HS-1873D-K325	82.6	3.25	3400	765	356	14.0	305	24.0	2.90
HS-1873D-K450	114.3	4.50	3400	765	356	14.0	305	24.0	3.50
HS-1873D-K600	152.4	6.00	3400	765	457	18.0	305	24.0	4.10
HS-1873D-K750	190.5	7.50	3400	765	457	18.0	305	24.0	4.50

*The above tensile force is for Carbon steel,Please consult our engineer for that of Stainless steel.

BELT TECHNIK
GMBH

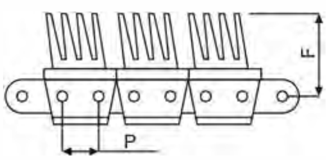
HS-1873G4 SERIES

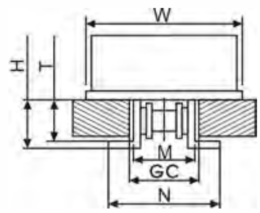
Materials

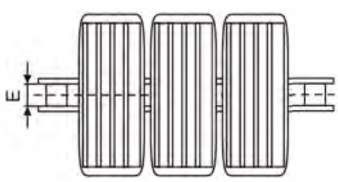
Sprockets
119

Applications

Plate Materials: POM-DP,POM-LF
Base Chain Material: Carbon steel, Stainless steel







Dimension	mm	inches
P	19.05	0.750
M	32.0	1.260
W	–	–
H	24.5	0.965
T	20.6	0.787
F	44.0	1.732
N	53.8	2.087
E	12.7	0.472
GC(Straight)	33.3	1.311
GC(Curve)	34.6	1.362

HS-1873G4 (Side Flexing Plastic Chain)

CHARACTERISTICS

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-1873G4-K325	82.6	3.25	3400	765	356	14.0	305	24.0	3.00
HS-1873G4-K450	114.3	4.50	3400	765	356	14.0	305	24.0	3.40

*The above tensile force is for Carbon steel,Please consult our engineer for that of Stainless steel.

*Standard Length: 10ft/Box (10ft=3.048M=160 pitches=80 Flights)

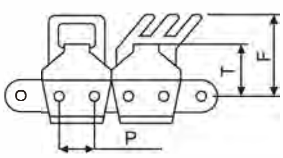
HS-1873T-GD SERIES

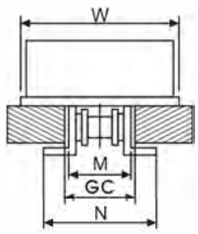
Materials

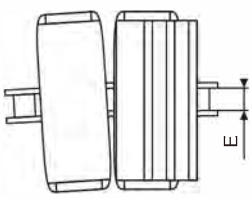
Sprockets
119

Applications

Plate Materials: POM-DP,POM-LF
Base Chain Material: Carbon steel, Stainless steel







Dimension	mm	inches
P	19.05	0.750
M	32.0	1.260
W	95.3	3.750
T	28.6	1.126
F	44.4	1.748
N	56.5	2.224
E	12.7	0.472
GC(Straight)	34.1	1.343
GC(Curve)	34.9	1.374

HS-1873T-GD (Side Flexing Plastic Chain)

CHARACTERISTICS

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-1873TAB-GD K375	95.3	3.75	3400	765	381	15.0	305	24.0	2.24
HS-1873TAB-GJ K375	95.3	3.75	3400	765	356	14.0	305	24.0	2.80

*The above tensile force is for Carbon steel,Please consult our engineer for that of Stainless steel.

BELT TECHNIK
GMBH

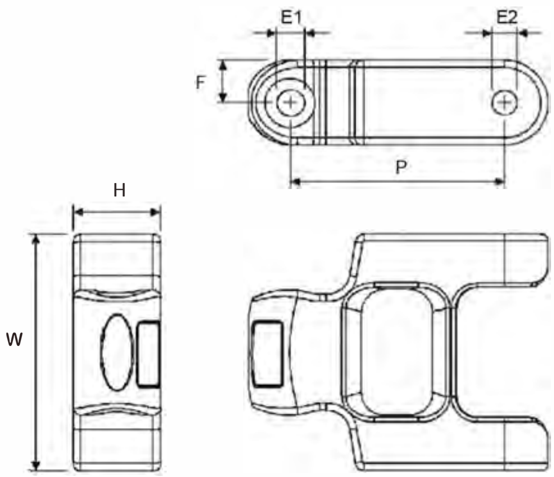
HS-F3000A SERIES

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel

Materials

Sprockets 138

Applications



Dimension	mm	inches
P	50.4	1.984
F	10.2	0.401
W	57.4	2.260
H	20.5	0.807
E1	6.5	0.256
E2	6.0	0.236

HS-F3000 (Straight Running Knuckle Chain)

CHARACTERISTICS

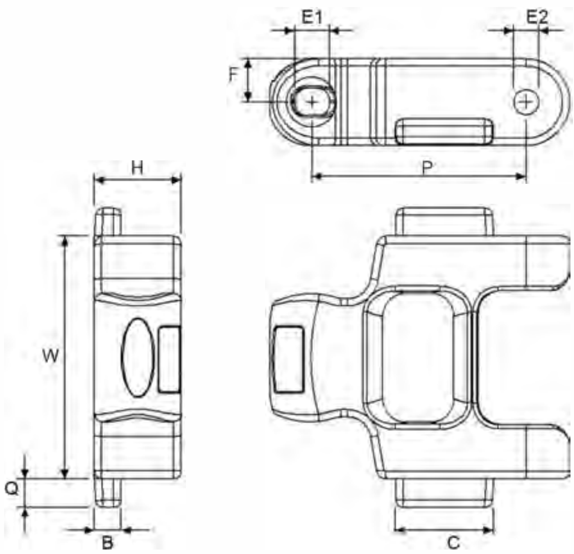
	Width W (mm)	Width W (inch)	Working Load kg(21℃)	Working Load lb(21℃)	Radius (mm)	Radius (inch)	Reverse Radius (mm)	Reverse Radius (inch)	Weight (kg/m)
HS-F3000A	57.4	2.26	317	700	-	-	-	-	1.34

HS-F3000A-TAB SERIES

Materials | Sprockets 138 | Applications

Plate Materials: POM-DP,POM-LF

Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	50.6	1.992
F	10.2	0.401
W	57.4	2.260
H	20.5	0.807
Q	6.7	0.263
B	6.3	0.248
C	23.2	0.913
E1	8.3	0.327
E2	6.0	0.236

HS-F3000-TAB (Side Flexing Knuckle Chain)

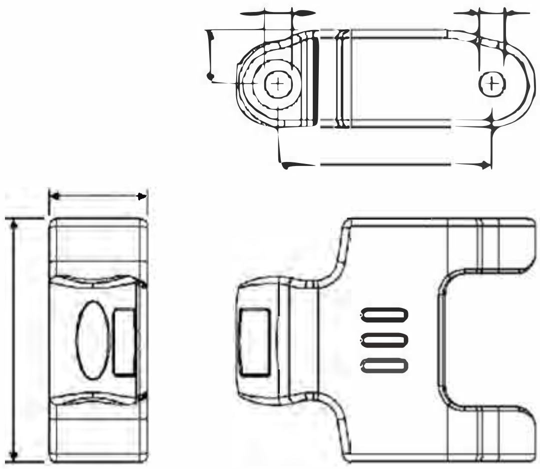
CHARACTERISTICS

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	kg(21℃)	lb(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-F3000A-TAB	57.4	2.26	317	700	406	16	-	-	1.41

HS-F3000B SERIES

Materials   Sprockets 138   Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	50.4	1.984
F	12.7	0.500
W	57.4	2.260
H	23.0	0.905
E1	6.5	0.256
E2	6.0	0.236

HS-F3000 (Straight Running Knuckle Chain)

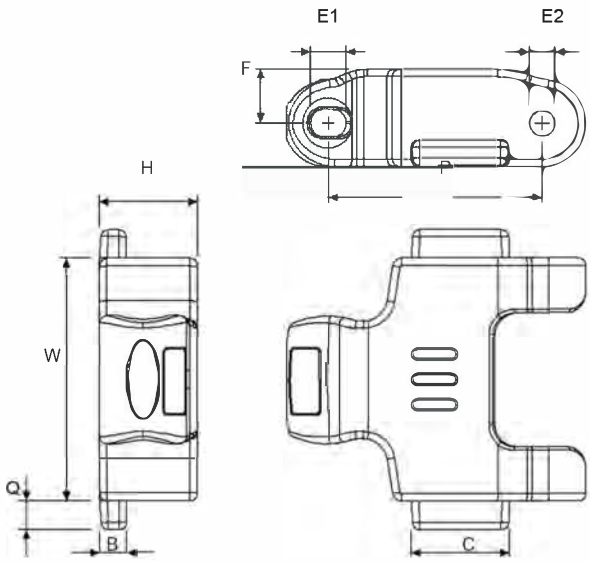
CHARACTERISTICS

	Width W (mm)	Width W (inch)	Working Load N(21℃)	Working Load lbf(21℃)	Radius (mm)	Radius (inch)	Reverse Radius (mm)	Reverse Radius (inch)	Weight (kg/m)
HS-F3000B	57.4	2.26	3100	698	-	-	-	-	1.53

HS-F3000B-TAB SERIES

Materials Sprockets 138 Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	50.6	1.992
F	12.7	0.500
W	57.4	2.260
H	23.0	0.905
Q	6.7	0.263
B	6.3	0.248
C	23.2	0.913
E1	8.3	0.327
E2	6.0	0.236

HS-F3000-TAB (Side Flexing Knuckle Chain)

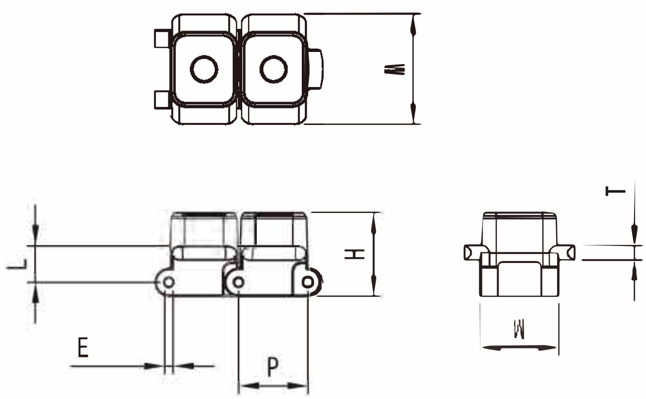
CHARACTERISTICS

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbf(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-F3000B-TAB	57.4	2.26	3100	698	406	16	-	-	1.56

HS-F3000TD SERIES

Materials · Sprockets 138 · Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	50.8	2
W	57.4	2.26
L	26.3	1.035
E	6	0.236
T	4	0.406
M	80	3.15
H	60.7	2.39

HS-F3000TD (Straight Running Knuckle Chain)

CHARACTERISTICS

	Width W (mm)	Width W (inch)	Working Load N(21℃)	Working Load lbf(21℃)	Radius (mm)	Radius (inch)	Reverse Radius (mm)	Reverse Radius (inch)	Weight (kg/pc)
HS-F3000TD	57.4	2.26	3100	698	-	-	-	-	0.21

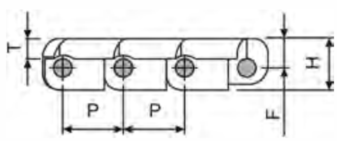
HS-1050 SERIES

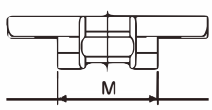
Materials

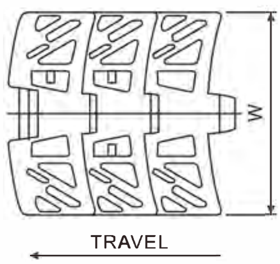
Sprockets
120/121

Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel







Dimension	mm	inches
P	25.4	1.000
W	83.8	3.300
T	8.7	0.343
F	12.2	0.480
M	42.2	1.661
H	21.1	0.831

HS-1050 (Side Flexing Plastic Chain)

CHARACTERISTICS

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-1050-K330	83.8	3.30	1650	370	500	19.69	130	5.12	1.54

BELT TECHNIK
GMBH

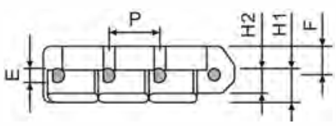
HS-1050 TAB SERIES

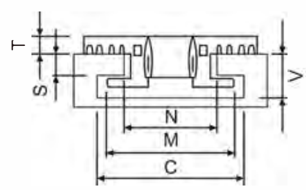
Materials

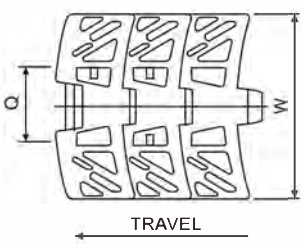
Sprockets
120/121

Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel







Dimension	mm	inches
P	25.4	1.000
W	83.8	3.300
E	8.6	0.340
T	8.7	0.343
F	12.2	0.480
M	61.5	2.421
N	45.0	1.771
S	10.0	0.394
Q	42.0	1.654
V	20.0	0.787
C	70.0	2.756
H1	16.0	0.630
H2	12.0	0.472

HS-1050 TAB (Side Flexing Plastic Chain)

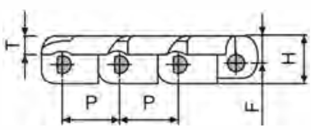
CHARACTERISTICS

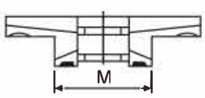
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
Hs1050 TAB-K330	83.8	3.30	1650	370	500	19.69	130	5.12	1.93

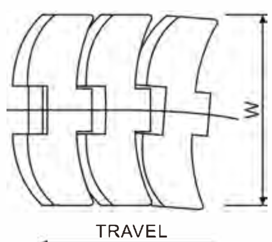
HS-1060 SERIES

Materials | Sprockets 120/121 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel







Dimension	mm	inches
P	25.4	1.000
W	83.8	3.300
T	8.7	0.343
F	12.2	0.480
M	42.2	1.661
H	21.1	0.831

HS-1060 (Side Flexing Plastic Chain)

CHARACTERISTICS

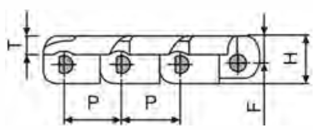
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-1060-K330	83.8	3.30	1890	425	500	19.69	130	5.12	1.68

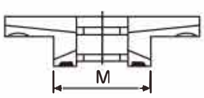
BELT TECHNIK
GMBH

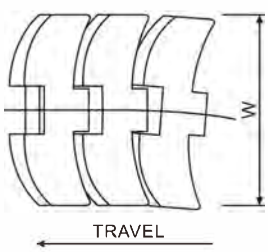
HS-1060A-N SERIES

Materials | Sprockets 120/121 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel







Dimension	mm	inches
P	25.4	1.000
W	83.8	3.300
T	8.7	0.343
F	12.2	0.480
M	42.2	1.661
H	21.1	0.831

HS-1060A-N (Side Flexing Plastic Chain)

CHARACTERISTICS

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-1060A-N-K330	83.8	3.30	1890	425	500	19.69	130	5.12	1.68

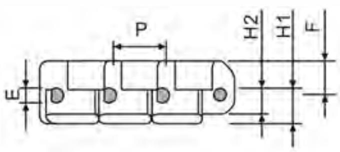
HS-1060 TAB SERIES

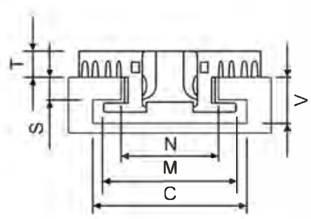
Materials

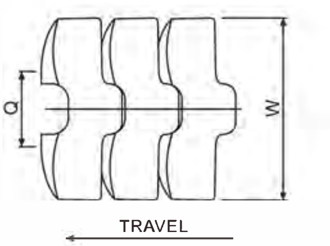
Sprockets
120/121

Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel







Dimension	mm	inches
P	25.4	1.000
W	83.8	3.300
E	8.6	0.340
T	12.7	0.500
F	12.2	0.480
M	61.5	2.421
N	45.0	1.771
S	10.0	0.394
Q	42.0	1.654
V	20.0	0.787
C	70.0	2.756
H1	16.0	0.630
H2	12.0	0.472

HS-1060 TAB (Side Flexing Plastic Chain)

CHARACTERISTICS

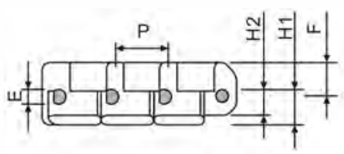
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-1060 TAB-K330	83.8	3.30	1890	425	500	19.69	130	5.12	2.13

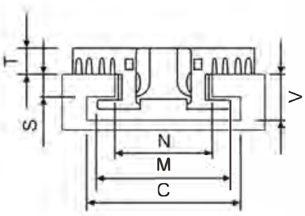
BELT TECHNIK
GMBH

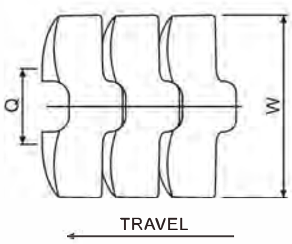
HS-1060A-N-TAB SERIES

Materials Sprockets 120/121 Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel







Dimension	mm	inches
P	25.4	1.000
W	83.8	3.300
E	8.6	0.340
T	8.7	0.343
F	12.2	0.480
M	61.5	2.421
N	45.0	1.771
S	12.0	0.472
Q	20.6	0.811
V	20.0	0.787
C	70.0	2.756
H1	16.0	0.630
H2	12.0	0.472

HS-1060A-N-TAB (Side Flexing Plastic Chain)

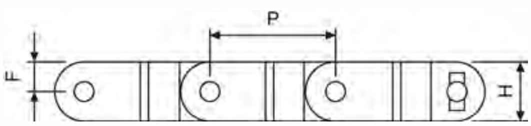
CHARACTERISTICS

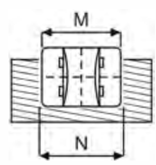
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-1060A-N-TAB	83.8	3.30	1890	425	500	19.69	130	5.12	2.13

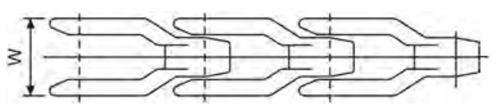
HS-2600-O SERIES

Materials | Sprockets 122 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel







Dimension	mm	inches
P	63.5	2.480
M	42.0	1.654
W	42.0	1.654
H	28.4	1.102
N	45.0	1.772
F	14.2	0.560

HS-2600-O (Side Flexing Case Conveyor Chains)

CHARACTERISTICS

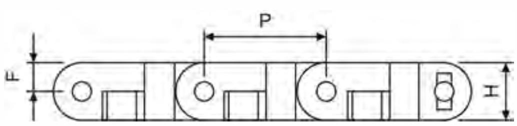
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-2600-O	42.0	1.66	6000	1349	600	23.62	75	2.95	1.30

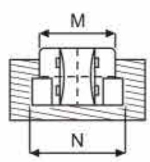
BELT TECHNIK
GMBH

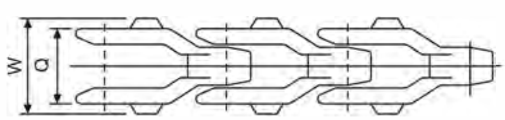
HS-2600TAB-O SERIES

Materials | Sprockets 122 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel







Dimension	mm	inches
P	63.5	2.480
M	45.0	1.772
W	54.0	2.126
H	28.4	1.102
N	58.0	2.283
F	14.2	0.560
Q	42.0	1.654

HS-2600TAB-O (Side Flexing Case Conveyor Chains)

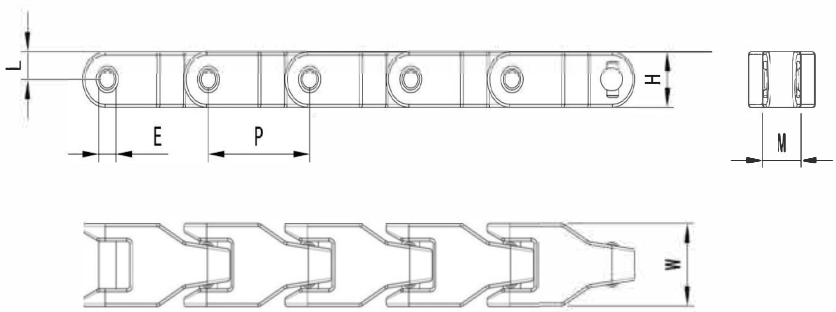
CHARACTERISTICS

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-2600TAB-O	54.0	2.13	2100	472	200	7.87	40	1.57	2.10

HS-2600FT-O SERIES

Materials Sprockets Applications

Plate Materials: POM-DP, POM-LF
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	63.5	2.480
M	23.3	0.917
W	42.0	1.654
H	28.5	1.122
E	11.0	0.433
L	14.3	0.563

HS-2600FT-O (Side Flexing Case Conveyor Chains)

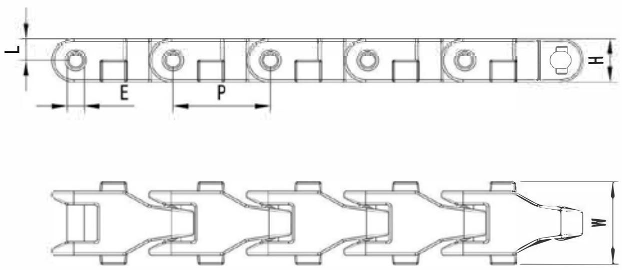
CHARACTERISTICS

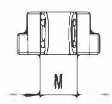
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-2600FT-O	42.0	1.66	6000	1349	600	23.62	75	2.95	1.50

HS-2600FT-TAB-O SERIES

Materials Sprockets Applications

Plate Materials：POM-DP, POM-LF
Pin Material：Cold rolled austenitic stainless steel





Dimension	mm	inches
P	63.5	2.480
M	23.3	0.917
W	54.0	2.126
H	28.4	1.122
E	11.0	0.433
L	14.3	0.563

HS-2600FT-TAB-O (Side Flexing Case Conveyor Chains)

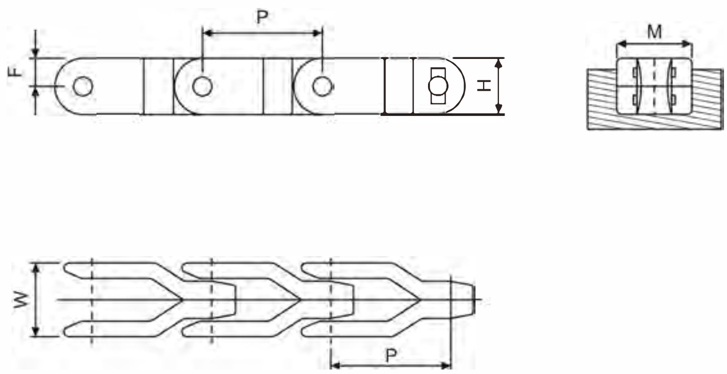
CHARACTERISTICS

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-2600FT-TAB-O	54.0	2.13	2100	472	200	7.87	40	1.57	1.54

HS-2800-O SERIES

Materials | Sprockets 123 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	82.5	3.228
M	50.0	1.969
W	50.0	1.969
H	38.0	1.496
F	19.0	0.748

HS-2800-O (Side Flexing Case Conveyor Chains)

CHARACTERISTICS

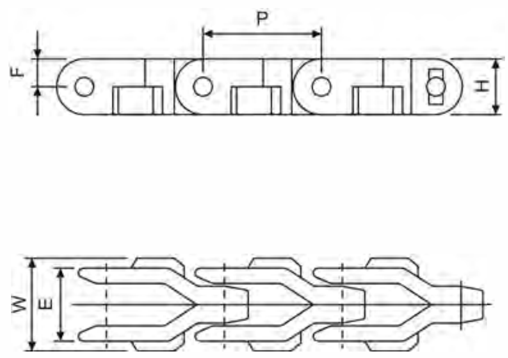
	Width W (mm)	Width W (inch)	Working Load N(21℃)	Working Load lbs(21℃)	Radius (mm)	Radius (inch)	Reverse Radius (mm)	Reverse Radius (inch)	Weight (kg/m)
HS-2800-O	50.0	1.97	6500	1462	660	26.00	75	2.95	1.70

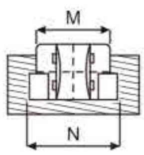
BELT TECHNIK
GMBH

HS-2800TAB-O SERIES

Materials | Sprockets 123 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel





Dimension	mm	inches
P	82.5	3.228
M	50.0	1.969
W	65.0	2.560
H	38.0	1.496
N	69.0	2.717
F	19.0	0.748
E	50.0	1.969

HS-2800TAB-O (Side Flexing Case Conveyor Chains)

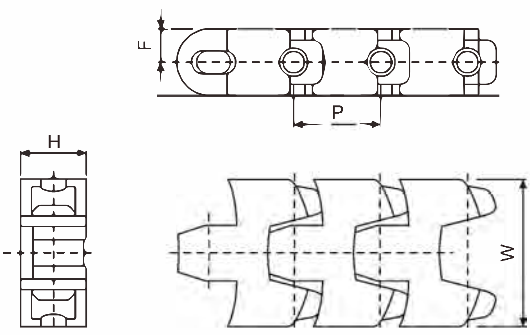
CHARACTERISTICS

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-2800TAB-O	65.0	2.56	2100	472	200	7.87	40	1.57	2.10

HS-F54 SERIES

Materials Sprockets 124 Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	31.7	1.969
F	12.0	0.472
W	54.0	2.126
H	24.0	0.979

HS-F54 (Side Flexing Plastic Chain)

CHARACTERISTICS

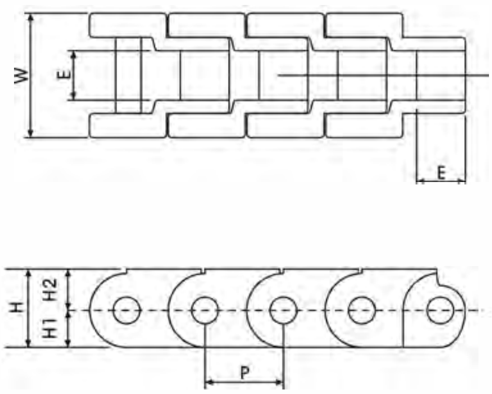
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-F54	54	2.13	2000	450	200	7.87	50	1.97	1.6

BELT TECHNIK
GMBH

HS-40/50/60P SERIES

Materials Sprockets Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



HS-40/50/60P (Straight Running Plastic Chain)

CHARACTERISTICS

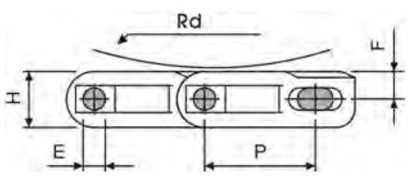
	P (mm)	E (mm)	W (mm)	H (mm)	H1 (mm)	H2 (mm)	Working Load KN	Weight (kg/m)
HS-40P	12.70	7.95	20.0	12.7	6.0	6.7	0.44	0.36
HS-50P	15.87	9.53	22.5	15.0	7.0	8.0	0.69	0.46
HS-60P	19.05	12.7	30.0	17.3	8.5	8.8	0.88	0.72

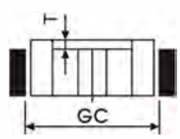
BELT TECHNIK GMBH

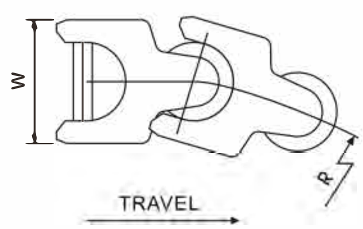
HS-1700 SERIES

Materials | Sprockets 125 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel







Dimension	mm	inches
P	50.0	1.969
R	140.0	5.512
W	55.0	2.165
H	24.0	0.945
T	3.0	0.118
F	12.0	0.472
E	8.0	0.315
GC	58.0	2.283
RD	50.0	1.969

HS-1700 (Side Flexing Keel Chains)

CHARACTERISTICS

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-1700	55.0	2.17	2670	601	140	5.51	38	1.50	2.51

BELT TECHNIK
GMBH

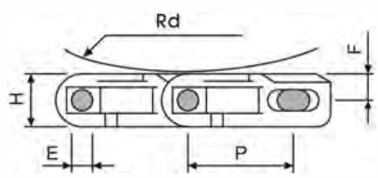
HS-1700TAB SERIES

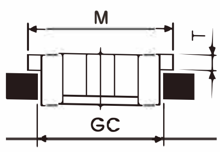
Materials

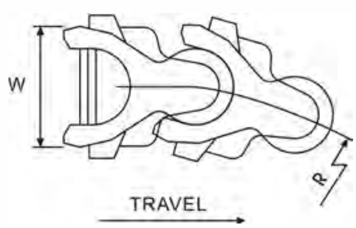
Sprockets
125

Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel







Dimension	mm	inches
P	50.0	1.969
R	140.0	5.512
W	55.0	2.165
H	24.0	0.945
T	6.0	0.236
F	12.0	0.472
E	8.0	0.315
M	67.0	2.637
GC	58.0	2.283
RD	50.0	1.969

HS-1700TAB (Side Flexing Keel Chains)

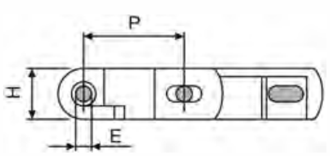
CHARACTERISTICS

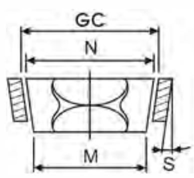
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-1700TAB	55.0	2.17	2670	601	140	5.51	38	1.5	1.30

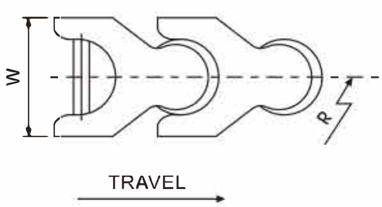
HS-1701 SERIES

Materials | Sprockets 125 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel







Dimension	mm	inches
P	50.0	1.969
R	150.0	5.906
W	52.0	2.047
H	25.0	0.984
N	58.4	2.300
S	8.0	0.315
E	8.0	0.315
M	52.4	2.063
GC	62.0	2.441

HS-1701 (Side Flexing Keel Chains)

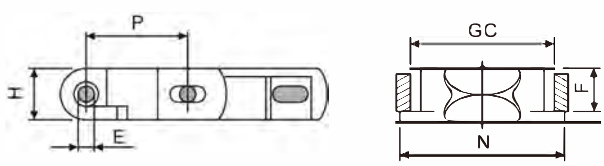
CHARACTERISTICS

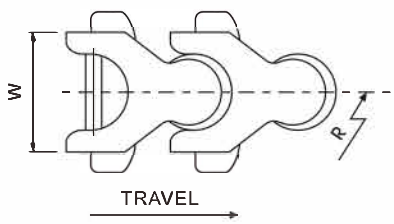
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-1701	52.0	2.05	2669	600	150	5.90	50	1.97	1.42

HS-1701TAB SERIES

Materials   Sprockets 125   Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel





Dimension	mm	inches
P	50.0	1.969
R	150.0	5.906
W	53.2	2.094
H	25.0	0.984
N	66.7	2.626
F	19.0	0.748
E	8.0	0.315
GC(Straight)	57.5	2.264
GC(Curve)	56.0	2.205

HS-1701TAB (Side Flexing Keel Chains)

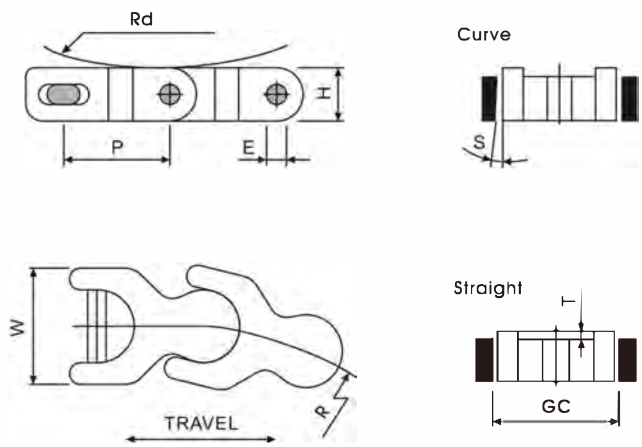
CHARACTERISTICS

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-1701TAB	53.2	2.09	2669	600	150	5.9	50	1.97	1.49

HS-1702 SERIES

Materials | Sprockets 125 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	50.0	1.969
R	150.0	5.906
W	53.2	2.094
H	25.0	0.984
T	4.8	0.189
S	2.0	0.079
E	8.0	0.315
RD	50.0	1.969
GC(Straight)	59.5	2.343
GC(Curve)	56.8	2.236

HS-1702 (Side Flexing Keel Chains)

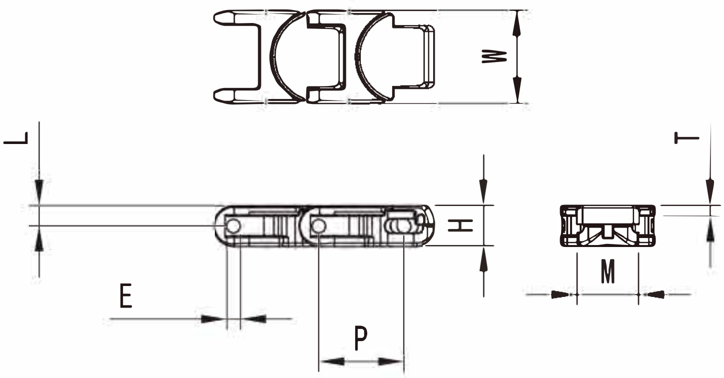
CHARACTERISTICS

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-1702	53.2	2.09	2669	600	150	5.90	50	1.97	1.55

HS-1703-N SERIES

Materials Sprockets Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	50	1.969
M	36.2	1.425
L	12.0	0.472
E	8	0.315
T	6.3	0.248
W	55.0	2.165
H	24.0	0.945

HS-1703-N (Side Flexing Plastic Chain)

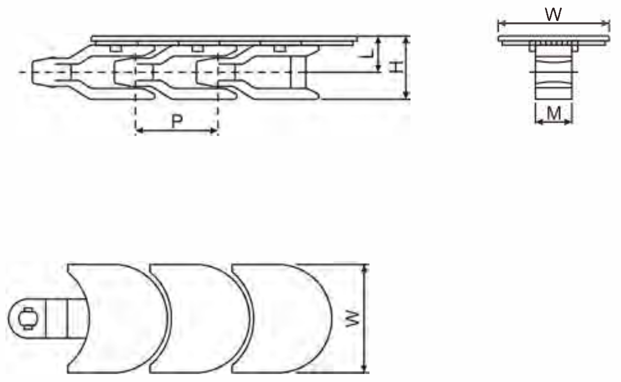
CHARACTERISTICS

	Width W (mm)	Width W (inch)	Working Load N(21℃)	Working Load lbs (21℃)	Radius (mm)	Radius (inch)	Reverse Radius (mm)	Reverse Radius (inch)	Weight (kg/m)
HS-1703-N	55.0	2.17	2669	600	125	4.92	63.5	2.50	1.60

HS-W1080 SS SERIES

Materials Sprockets Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	63.5	2.500
M	28.4	1.118
W	85.0	3.346
H	48.0	1.890
L	27.0	1.063

HS-W1080 SS (Side Flexing Plastic Chain)

CHARACTERISTICS

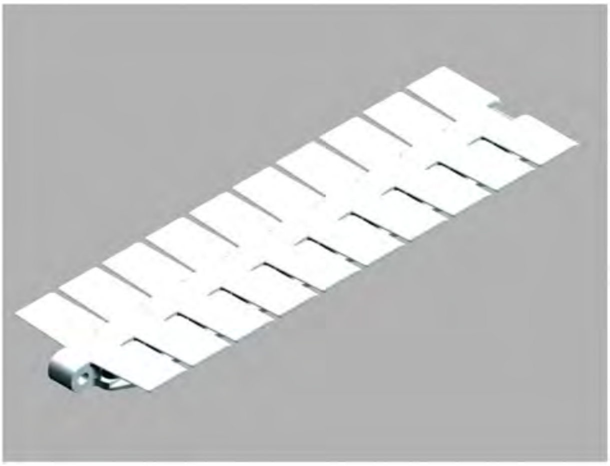
	Width W (mm)	Width W (inch)	Working Load N(21℃)	Working Load lbs(21℃)	Radius (mm)	Radius (inch)	Reverse Radius (mm)	Reverse Radius (inch)	Weight (kg/m)
HS-W1080 SS	85.0	3.35	3950	888	83	3.27	50	1.97	1.76

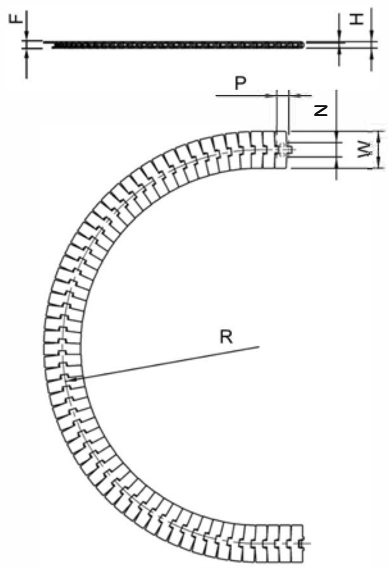
BELT TECHNIK
GMBH

HS-114 SERIES

Materials
Sprockets
126
Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel





Dimension	mm	inches
P	36.8	1.449
W	114.0	4.500
T	4.0	0.157
R	609.0	23.976
F	11.9	0.468
N	44.4	1.748
H	20.0	0.787

HS-114 (Side Flexing Flexible Chains)

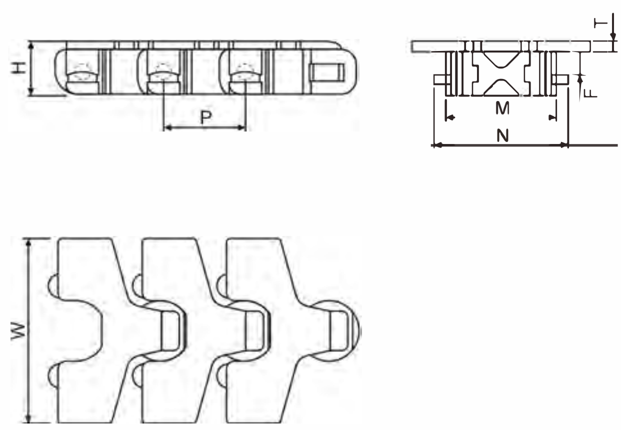
CHARACTERISTICS

	Width W (mm)	(inch)	Working Load N(21℃)	lbs(21℃)	Radius (mm)	(inch)	Reverse Radius (mm)	(inch)	Weight (kg/m)
HS-114	114.0	4.5	2000	450	609	8.23	50	1.97	1.67

HS-83-3 SERIES

Materials | Sprockets 128 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	38.0	1.496
M	64.0	2.520
W	83.0	3.268
H	25.0	0.984
T	5.0	0.197
F	11.0	0.433
N	64.0	2.520

HS-83-3 (Side Flexing Flexible Chains)

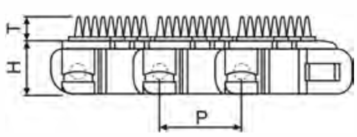
CHARACTERISTICS

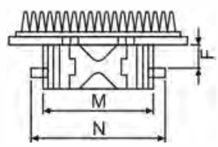
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-83-3	83.0	3.25	2100	472	150	5.90	40	1.57	1.50

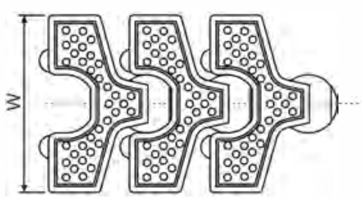
HS-83-EL SERIES

Materials | Sprockets 128 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel







Dimension	mm	inches
P	38.0	1.496
M	52.0	2.047
W	83.0	3.268
H	25.0	0.984
T	10.5	0.394
F	11.0	0.433
N	64.0	2.520

HS-83-EL (Side Flexing Flexible Chains)

CHARACTERISTICS

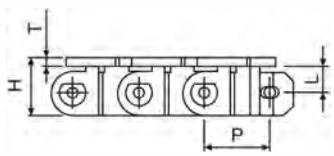
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-83-EL	83.0	3.25	2100	472	150	5.90	150	5.91	2.30

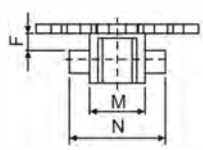
BELT TECHNIK GMBH

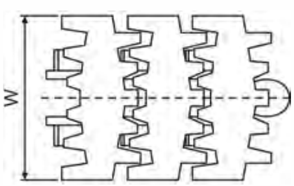
HS-7100-63 SERIES

Materials | Sprockets 127 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel







Dimension	mm	inches
P	25.4	1.0
M	20.8	0.819
W	63.0	2.480
H	22.5	0.886
F	7.0	0.276
L	10.0	0.394
T	3.5	0.138
N	37.0	1.457

HS-7100-63 (Side Flexing Flexible Chains)

CHARACTERISTICS

	Width W (mm)	Width W (inch)	Working Load N(21℃)	Working Load lbs(21℃)	Radius (mm)	Radius (inch)	Reverse Radius (mm)	Reverse Radius (inch)	Weight (kg/m)
HS-7100-63	63.0	2.48	500	112	150	5.91	40	1.57	0.8

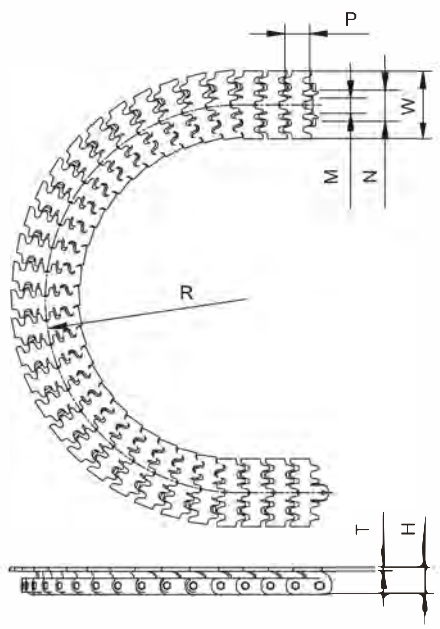
*TPE conver can be added on the surface, Customizing according to customer's drawing and sample is acceptable.

BELT TECHNIK
GMBH

HS-7100-70 SERIES

Materials | Sprockets 127 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	25.0	0.984
W	70.0	2.756
T	4.0	0.157
R	200.0	7.874
M	15.2	0.598
N	44.0	1.732
H	27.5	1.083

HS-7100-70 (Side Flexing Flexible Chains)

CHARACTERISTICS

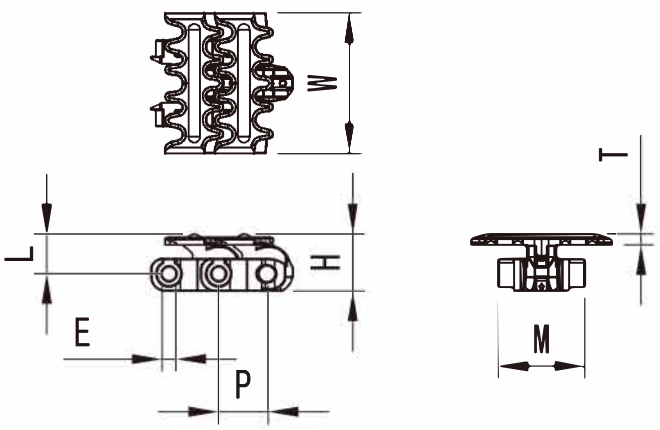
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-7100-70	70.0	2.76	-	-	200	7.87	-	-	1.6

*TPE conver can be added on the surface, Customizing according to customer's drawing and sample is acceptable.

HS-7100-EL SERIES

Materials Sprockets 127 Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	24.7	0.972
M	43.2	1.7
L	19.8	0.78
E	7	0.276
T	5.4	0.213
W	70	2.756
H	28.4	1.118

HS-7100-EL (Side Flexing Plastic Chain)

CHARACTERISTICS

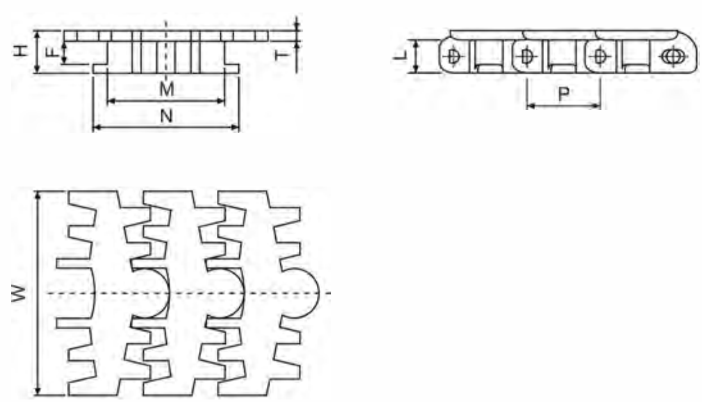
	Width W (mm)	(inch)	Working Load N(21℃)	lbs(21℃)	Radius (mm)	(inch)	Reverse Radius (mm)	(inch)	Weight (kg/m)
HS-7100-70-EL	70.0	2.76	-	-	200	7.87	-	-	1.60

BELT TECHNIK
GMBH

HS-7100-80 SERIES

Materials   Sprockets 127   Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	30.0	1.181
M	48.0	1.890
W	80.0	3.150
H	17.0	0.670
T	3.5	0.138
F	10.0	0.394
N	59.5	2.323
L	13.5	0.531

HS-7100-80 (Side Flexing Flexible Chains)

CHARACTERISTICS

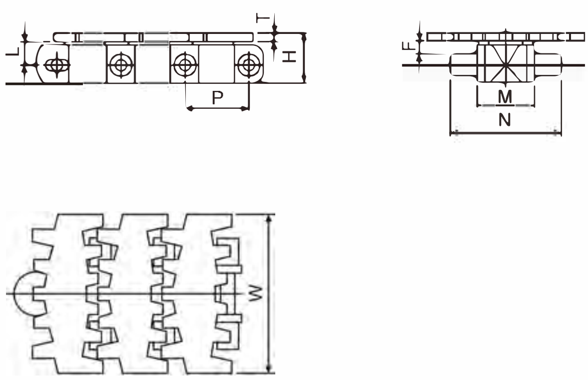
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-7100-80	80.0	3.0	700	27.55	160	6.30	75	2.95	0.86

*TPE conver can be added on the surface, Customizing according to customer's drawing and sample is acceptable.

HS-7100-83 SERIES

Materials | Sprockets 127 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	33.5	1.319
M	31.0	1.220
W	83.0	3.268
H	25.5	0.004
F	7.0	0.276
L	12.5	0.429
T	4.0	0.138
N	58.2	2.291

HS-7100-83 (Side Flexing Flexible Chains)

CHARACTERISTICS

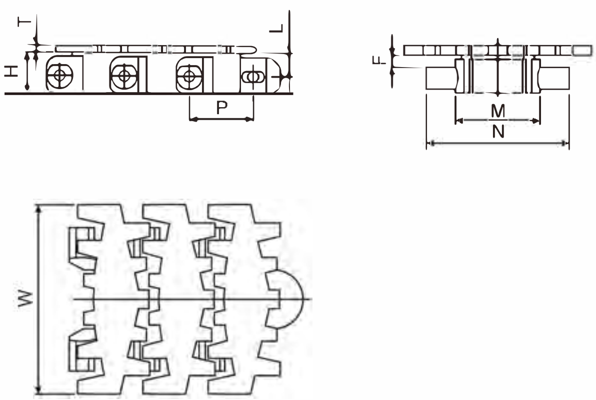
	Width W (mm)	Width W (inch)	Working Load N(21℃)	Working Load lbs(21℃)	Radius (mm)	Radius (inch)	Reverse Radius (mm)	Reverse Radius (inch)	Weight (kg/m)
HS-7100-83	83.0	3.26	1250	281	160	6.30	40	1.57	1.23

*TPE conver can be added on the surface, Customizing according to customer's drawing and sample is acceptable.

HS-7100-103 SERIES

Materials Sprockets 127 Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	35.5	1.398
M	46.0	1.811
W	103.0	4.055
H	21.4	0.843
F	7.0	0.276
L	12.4	0.489
T	4.5	0.177
N	79.0	3.110

HS-7100-103 (Side Flexing Flexible Chains)

CHARACTERISTICS

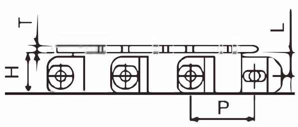
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-7100-103	103.0	4.06	1250	281	170	6.70	75	2.95	1.76

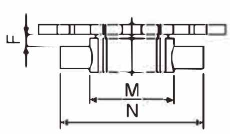
*TPE conver can be added on the surface, Customizing according to customer's drawing and sample is acceptable.

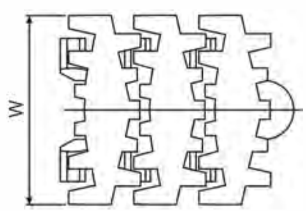
HS-7100-140 SERIES

Materials | Sprockets 128 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel







Dimension	mm	inches
P	38.0	1.496
M	48.8	1.921
W	140.0	5.511
H	20.0	0.787
F	11.0	0.433
L	15.0	0.591
T	5.0	0.197
N	67.0	2.638

HS-7100-140 (Side Flexing Flexible Chains)

CHARACTERISTICS

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-7100-140	140.0	5.51	2100	472	200	7.87	40	1.57	2.1

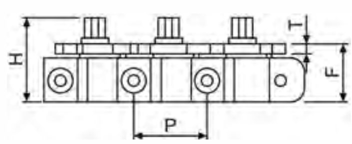
*TPE conver can be added on the surface, Customizing according to customer's drawing and sample is acceptable.

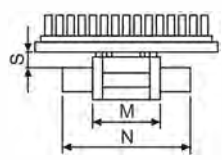
BELT TECHNIK
GMBH

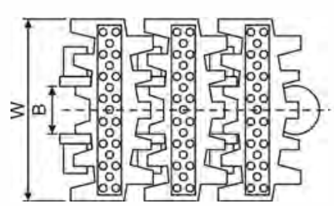
HS-7100-83 G1 SERIES

Materials | Sprockets 127 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel







Dimension	mm	inches
P	33.5	1.319
W	83.0	3.268
T	4.0	0.157
F	25.5	1.004
M	31.0	1.220
N	58.2	2.291
B	22.9	0.902
H	38.0	1.496
S	7.0	0.276

HS-7100-83 G1 (Side Flexing Flexible Chains)

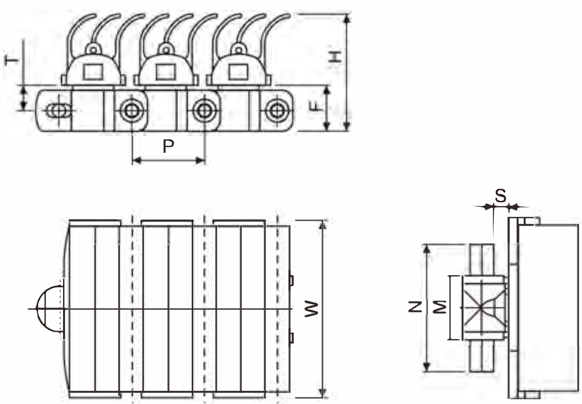
CHARACTERISTICS

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-7100-83 G1	83.0	3.25	1250	281	160	6.30	40	1.57	1.87

HS-7100-83 G3 SERIES

Materials | Sprockets 127 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	33.5	1.319
W	83.0	3.268
T	12.5	0.492
F	21.5	0.846
M	31.0	1.220
N	58.2	2.291
H	53.5	2.106
S	7.0	0.276

HS-7100-83 G3 (Side Flexing Flexible Chains)

CHARACTERISTICS

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-7100-83 G3	83.0	3.25	1250	281	160	6.30	40	1.57	1.62

BELT TECHNIK
GMBH

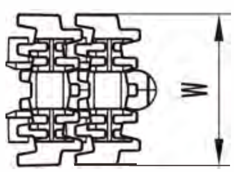
HS-7100-83-TD SERIES

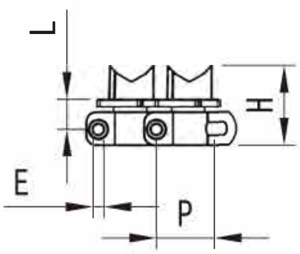
Materials

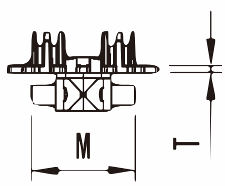
Sprockets
127

Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel







Dimension	mm	inches
P	32	1.26
M	57.7	2.272
L	16.5	0.65
E	6	0.236
T	4	0.157
W	83.6	3.291
H	44	1.732

HS-7100-83-TD (Side Flexing Plastic Chain)

CHARACTERISTICS

	Width W (mm)	(inch)	Working Load N(21℃)	lbs (21℃)	Radius (mm)	(inch)	Reverse Radius (mm)	(inch)	Weight (kg/m)
HS-7100-83-TD	83.0	3.26	1250	281	160	6.30	40	1.57	1.43

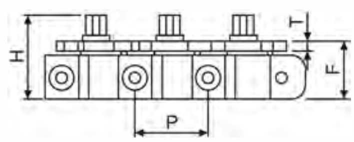
HS-7100-103 G1 SERIES

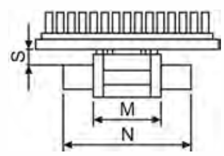
Materials

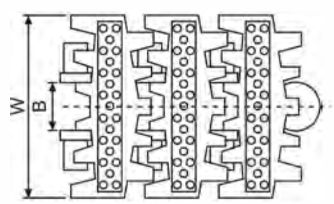
Sprockets
127

Applications

Plate Materials : POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel







Dimension	mm	inches
P	33.5	1.319
W	103.0	4.06
T	4.5	0.177
F	26.0	1.024
M	46.0	1.811
N	79	3.11
H	38.0	1.496

HS-7100-103 G1 (Side Flexing Flexible Chains)

CHARACTERISTICS

	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-7100-103 G1	103	4.06	1250	281	170	6.7	75	2.95	2.67

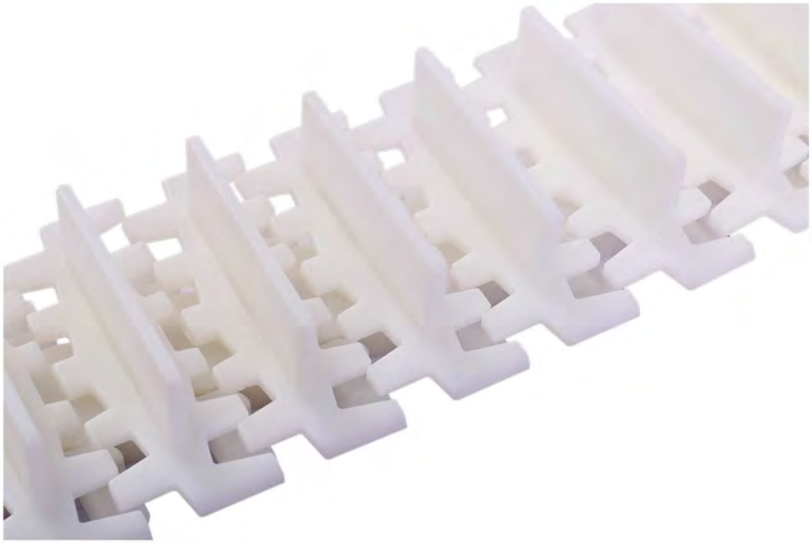
*TPE conver can be added on the surface. Customizing according to customer's drawing and sample is acceptable.

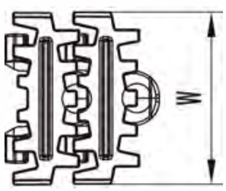
BELT TECHNIK
GMBH

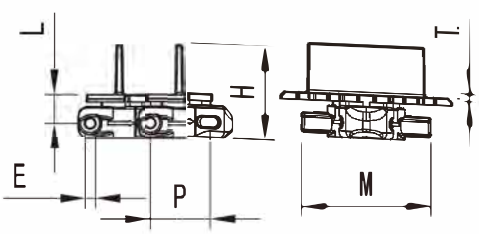
HS-7100-103-D SERIES

Materials | Sprockets 127 | Applications

Plate Materials: POM-DP,POM-LF
Pin Material: Cold rolled austenitic stainless steel







Dimension	mm	inches
P	36	1.417
M	78	3.07
L	17.2	0.677
H	56.2	2.213
E	6	0.236
T	4.4	0.173
W	103.3	4.07

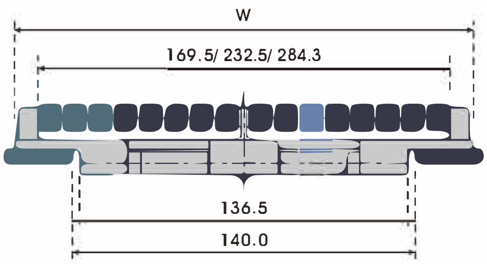
HS-7100-103-D (Side Flexing Plastic Chain)

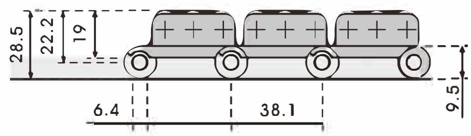
CHARACTERISTICS

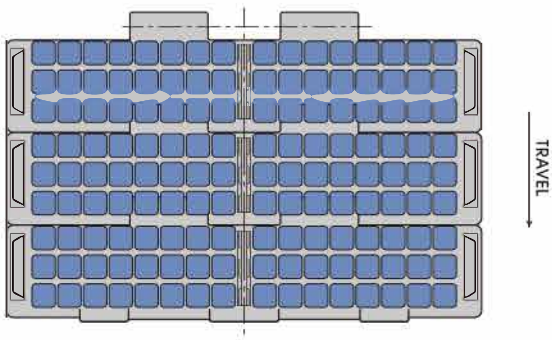
	Width W		Working Load		Radius		Reverse Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(mm)	(inch)	(kg/m)
HS-7100-103-30mm	103.0	4.06	1250	281	170	6.70	75	2.95	1.96

LBP Chains
(Low Back-line Pressure)

Materials | Sprockets 110~112 | Applications







HS-LBP 821 K750

HS-LBP 821
SUPER PERFORMANCE ACETAL RESIN

Plates in self-lubricating low friction acetal resin,dark grey-coloured.
pins in special chrome-nickel stainless steel,work hardened for high resistance.

PRODUCT CODES

HS-LBP 821-K750
HS-LBP 821-K1000
HS-LBP 821-K1200

CHARACTERISTICS

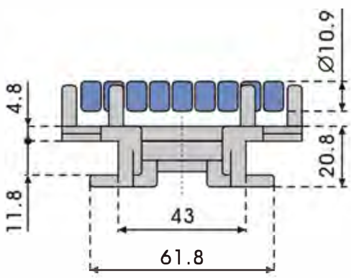
	CODE	Material		Breaking Load	Width L		R	SC		Weight
		Plate	Roller	N	mm	inches	min.	Straight	Curving	kg/m
HS-LBP 821-K750	11055	LFG Dark Grey	Water Blue	8300	190.5	7 1/2	--	--	--	5.52
HS-LBP 821-K1000	11056				254	10				6.90
HS-LBP 821-K1200	11057				304.8	12				8.70

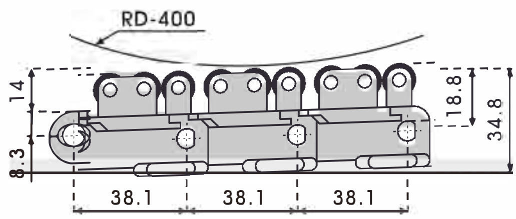
-Standard shipping lengths=80 pitches=10 feet=3,048 metres.
-These chains can be supplied either with pins in austenitic stainless steel, work hardened, highly wear resistant, or with pins in thermoplastic resin.

BELT TECHNIK
GMBH

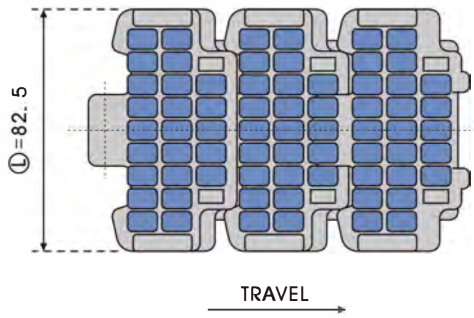
LBP Chains
(Low Back-line Pressure)

Materials   Sprockets 113~115   Applications





HS-LBP 878TAB K325



HS-LBP 878TAB
SUPER PERFORMANCE ACETAL RESIN

Plates in self-lubricating low friction acetal resin, dark grey-coloured.
pins in special chrome-nickel stainless steel, work hardened for high resistance.

PRODUCT CODES

HS-LBP 878TAB-K325

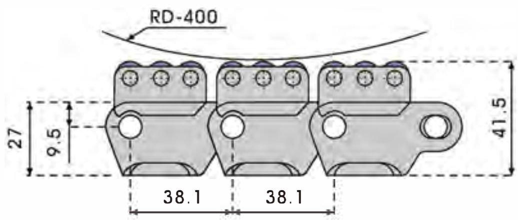
CHARACTERISTICS

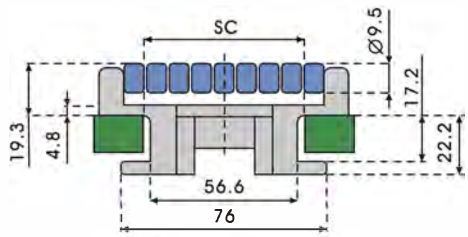
CHAIN REF.	CODE	Material		Breaking Load	Width L		R	SC		Weight
		Plate	Roller	N	mm	inches	min.	Straight	Curving	kg/m
HS-LBP 878TAB-K325	11073	LFG Dark Grey	Water Blue	6000	82.5	3 1/4	190	46	45	3.20

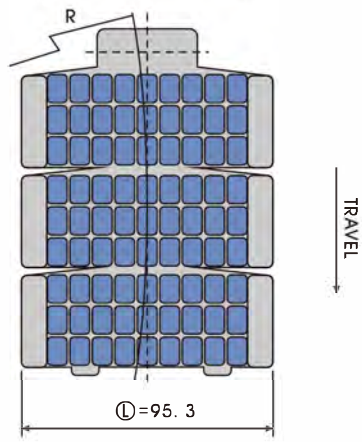
-Standard shipping lengths=80 pitches=10 feet=3,048 metres.
-These chains can be supplied either with pins in austenitic stainless steel, work hardened, highly wear resistant, or with pins in thermoplastic resin.

LBP Chains
(Low Back-line Pressure)

Materials   Sprockets 116~118   Applications







HS-LBP 882 TAB K375

HS-LBP 882TAB
SUPER PERFORMANCE ACETAL RESIN

Plates in self-lubricating low friction acetal resin, dark grey-coloured.
pins in special chrome-nickel stainless steel, work hardened for high resistance.

PRODUCT CODES

HS-LBP 882TAB-K375

HS-LBP 882TAB-K450

CHARACTERISTICS

CHAIN REF.	CODE	Material		Breaking Load	Width L		R	SC		Weight
		Plate	Roller	N	mm	inches	min.	Straight	Curving	kg/m
HS-LBP 882TAB-K375	11070	LFG Dark Grey	Water Blue	10000	95.3	$3\frac{3}{4}$	610	60	58	3.31
HS-LBP 882TAB-K450	11071				114.3	$4\frac{1}{2}$				4.03

-Standard shipping lengths=80 pitches=10 feet=3,048 metres.

-These chains can be supplied either with pins in austenitic stainless steel, work hardened, highly wear resistant, or with pins in thermoplastic resin.

LBP Chains
(Low Back-line Pressure)

Materials Sprockets 116~118 Applications

HS-LBP 882TAB
SUPER PERFORMANCE ACETAL RESIN

Plates in self-lubricating low friction acetal resin,dark grey-coloured.
pins in special chrome-nickel stainless steel,work hardened for high resistance.

PRODUCT CODES

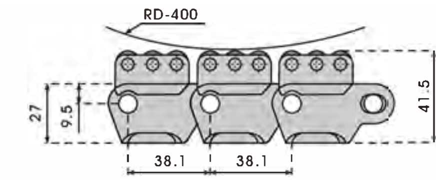
HS-LBP 882TAB-K750
HS-LBP 882TAB-K1000
HS-LBP 882TAB-K1200

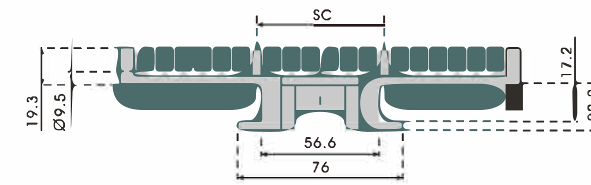
CHARACTERISTICS

	CODE	Material Plate	Material Roller	Breaking Load N	Width L mm	Width L inches	R min.	SC Straight	SC Curving	Weight kg/m
HS-LBP 882TAB-K750	11072				190.5	7.1/2				6.00
HS-LBP 882TAB-K1000	11069	LFG Dark Grey	Water Blue	10000	254	10	610	60	58	7.60
HS-LBP 882TAB-K1200	11068				304.8	12				8.50

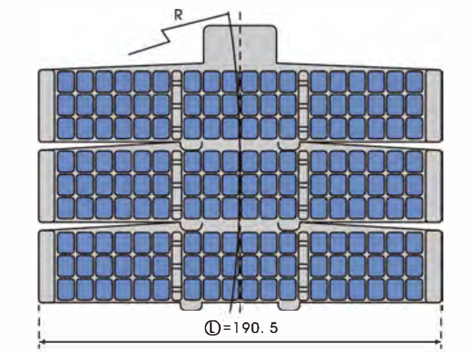
-Standard shipping lengths=80 pitches=10 feet=3,048 metres.
-These chains can be supplied either with pins in austenitic stainless steel, work hardened, highly wear resistant, or with pins in thermoplastic resin.

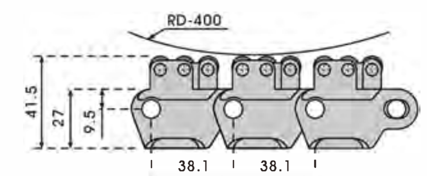
BELT TECHNIK
GMBH

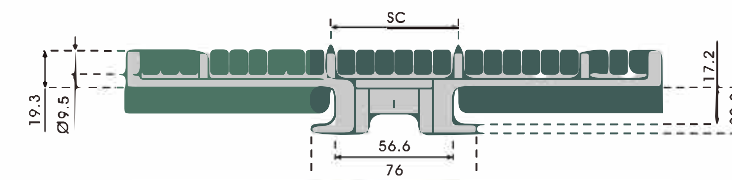




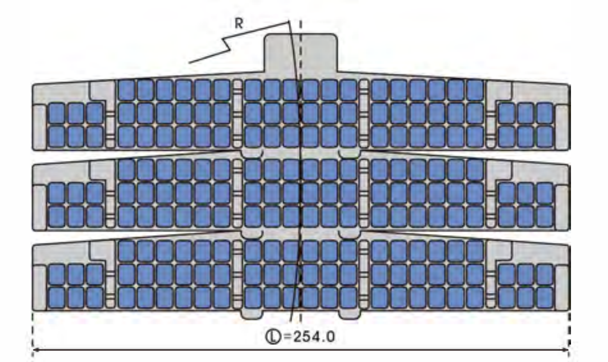
HS-LBP 882TAB K750

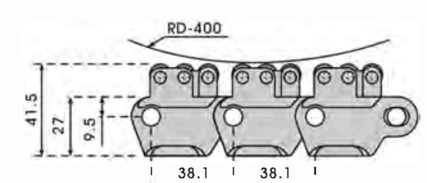


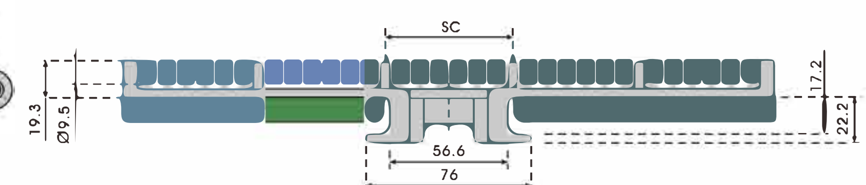




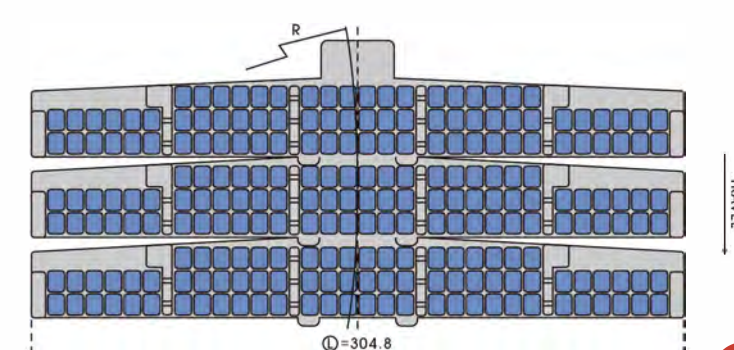
HS-LBP 882TAB K1000







HS-LBP 882TAB K1200



LBP Chains
(Low Back-line Pressure)

Materials · Sprockets 116~118 · Applications

HS-LBP 882M
SUPER PERFORMANCE ACETAL RESIN

Plates in self-lubricating low friction acetal resin, dark grey-coloured.
pins in special chrome-nickel stainless steel, work hardened for high resistance.

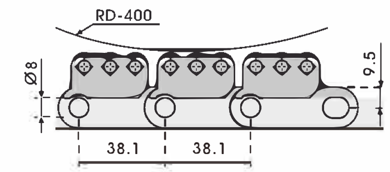
PRODUCT CODES

HS-LBP 882M-K750
HS-LBP 882M-K1000
HS-LBP 882M-K1200

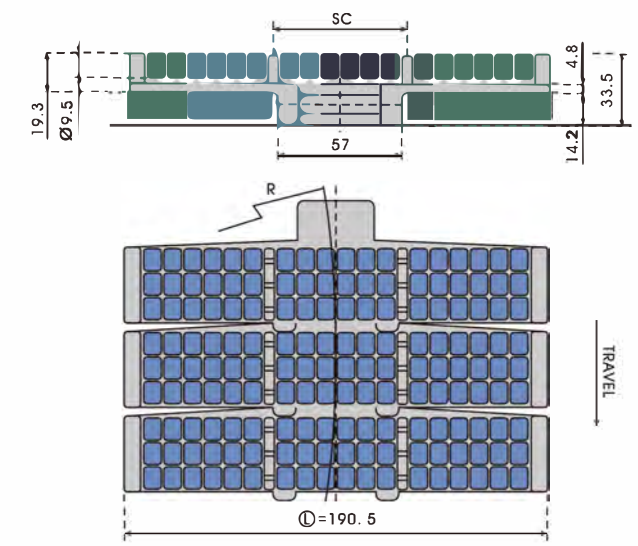
CHARACTERISTICS

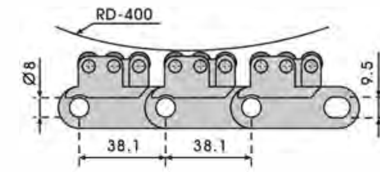
CHAIN REF.	CODE	Material Plate	Material Roller	Breaking Load N	Width L mm	Width L inches	R min.	SC Straight	SC Curving	Weight kg/m
HS-LBP 882M-K750	11073	LFG Dark Grey	Water Blue	10000	190.5	7 1/2	610	61	60	5.70
HS-LBP 882M-K1000	11074				254	10				7.30
HS-LBP 882M-K1200	11075				304.8	12				8.20

-Standard shipping lengths=80 pitches=10 feet=3,048 metres.
-These chains can be supplied either with pins in austenitic stainless steel, work hardened, highly wear resistant, or with pins in thermoplastic resin.

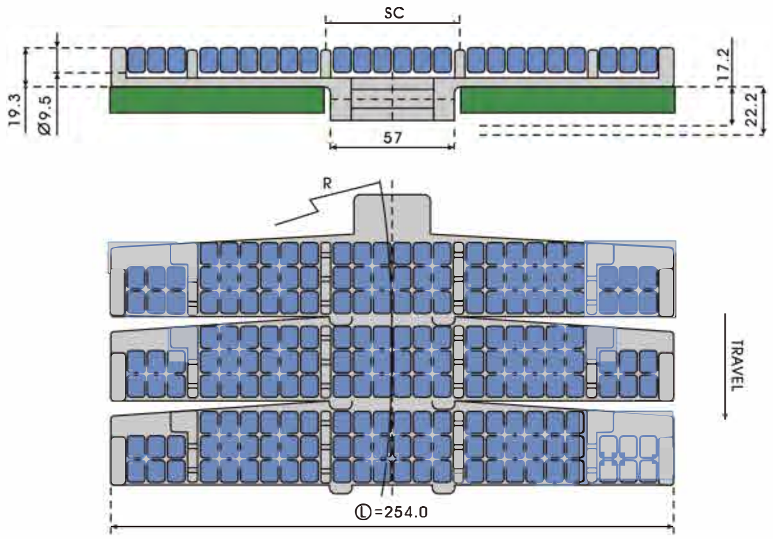


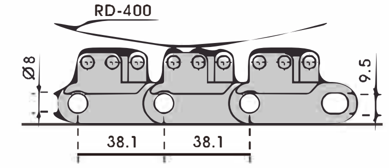
HS-LBP 882M K750



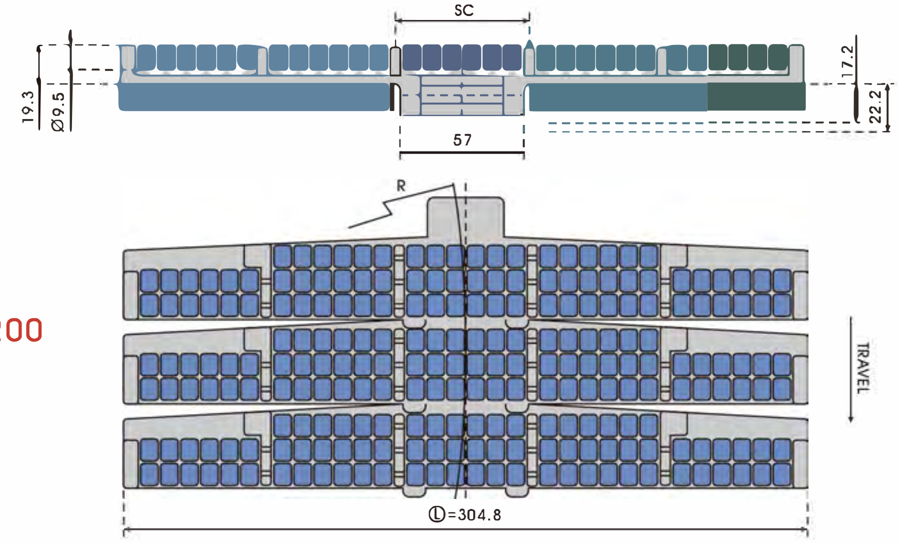


HS-LBP 882M K1000





HS-LBP 882M K1200



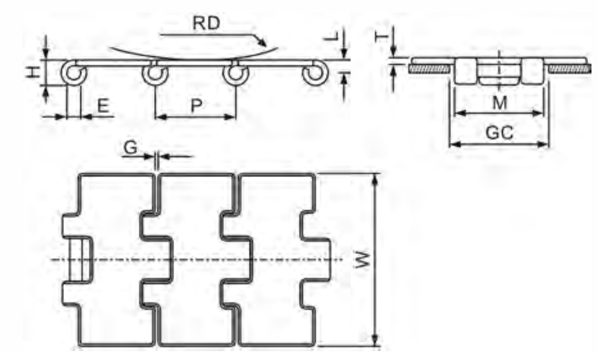
STAINLESS STEEL CHAINS BELT

BELT TECHNIK
GMBH

HS-915 SERIES

Materials
Sprockets 106~108 129/130
Applications

Plate Materials: **S, SS-4, SS**
Pin Material: Case hardened seetl (for carbon steel chains)
Cold rolled austenitic stainless steel (for stainless steel chains)



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
M	42.0	1.654
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
G	1.6	0.063
RD	150.0	5.906
GC	44.0	1.732

HS-915 (Straight Running-Single Hinge)

CHARACTERISTICS

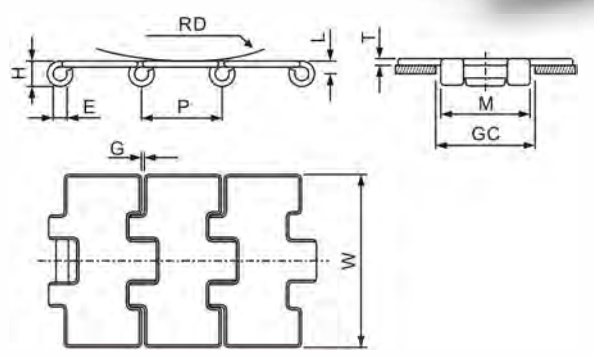
	Width W (mm)	(inch)	Working Load N(21℃)	lbs(21℃)	Sideflexing Radius (mm)	(inch)	Weight (kg/m)
HS-S 915 K325	82.6	3.25	12300	2768	–	–	2.73
HS-S 915 K400	101.6	4.00	12300	2768	–	–	3.20
HS-S 915 K450	114.3	4.50	12300	2768	–	–	3.48
HS-S 915 K600	152.4	6.00	12300	2768	–	–	4.38
HS-S 915 K750	190.5	7.50	12300	2768	–	–	5.27
HS-SS 915- 4K325	82.6	3.25	5800	1305	–	–	2.52
HS-SS 915 -4K330	83.8	3.30	5800	1305	–	–	2.55
HS-SS 915 -4K450	114.3	4.50	5800	1305	–	–	3.21
HS-SS 915 -4K750	190.5	7.50	5800	1305	–	–	4.87
HS-SS 915 K325	82.6	3.25	5600	1260	–	–	2.73
HS-SS 915 K400	101.6	4.00	5600	1260	–	–	3.20
HS-SS 915 K450	114.3	4.50	5600	1260	–	–	3.48
HS-SS 915 K600	152.4	6.00	5600	1260	–	–	4.38
HS-SS 915 K750	190.5	7.50	5600	1260	–	–	5.27

HS-915 SERIES

Materials · Sprockets 106~108 129/130 · Applications

Plate Materials: P
Pin Material: Cold rolled austenitic stainless steel

XP series:brushed hinges for inliners/inclined combiners



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
M	42.0	1.654
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
G	1.6	0.063
RD	150.0	5.906
GC	44.0	1.732

HS-915 (Straight Running-Single Hinge)

CHARACTERISTICS

	Width W (mm)	(inch)	Working Load N(21℃)	lbs(21℃)	Sideflexing Radius (mm)	(inch)	Weight (kg/m)
HS-P 915 K225	57.1	2.25	8500	1913	–	–	2.00
HS-P 915 K250	63.5	2.50	8500	1913	–	–	2.14
HS-P 915 K263	66.7	2.63	8500	1913	–	–	2.21
HS-P 915 K325	82.6	3.25	8500	1913	–	–	2.57
HS-P 915 K330	83.8	3.30	8500	1913	–	–	2.60
HS-P 915 K350	88.9	3.50	8500	1913	–	–	2.71
HS-P 915 K400	101.6	4.00	8500	1913	–	–	2.99
HS-P 915 K450	114.3	4.50	8500	1913	–	–	3.28
HS-P 915 K600	152.4	6.00	8500	1913	–	–	4.13
HS-P 915 K750	190.5	7.50	8500	1913	–	–	4.98
HS-XP 915 K325	82.6	3.25	8500	1913	–	–	2.57
HS-XP 915 K330	83.8	3.30	8500	1913	–	–	2.60

HS-HD 915 (Straight Running-Single Hinge-Increased Pin Hardness)

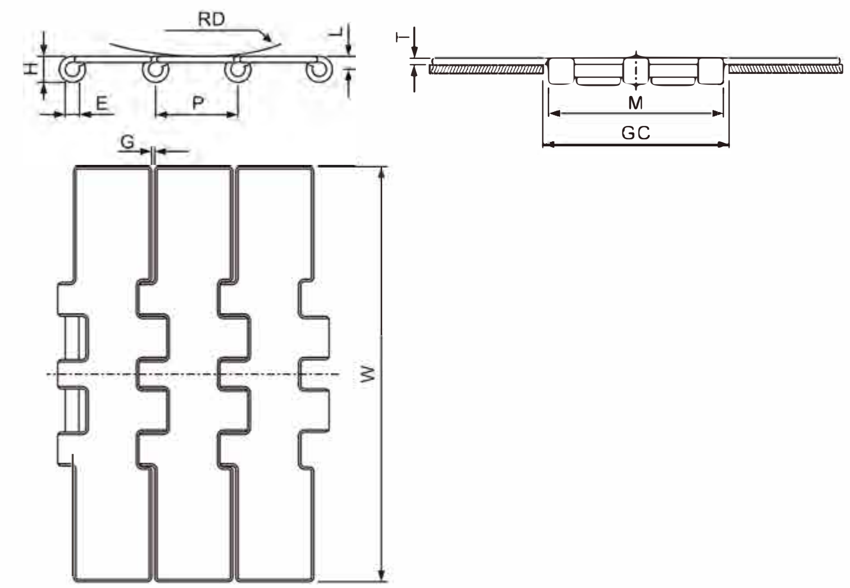
CHARACTERISTICS

	Width W (mm)	(inch)	Working Load N(21℃)	lbs(21℃)	Sideflexing Radius (mm)	(inch)	Weight (kg/m)
HS-PHD 915 K325	82.6	3.25	8500	1913	–	–	2.57
HS-PHD 915 K330	83.8	3.30	8500	1913	–	–	2.60
HS-PHD 915 K450	114.3	4.50	8500	1913	–	–	3.28
HS-PHD 915 K750	190.5	7.50	8500	1913	–	–	4.98

HS-2815 SERIES

Materials · Sprockets 131/132 · Applications

Plate Materials: S, SS-4, P, SS
Pin Material: Case hardened seetl(for carbon steel chains)
Cold rolled austenitic stainless steel(for stainless steel chains)



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
M	80.0	3.150
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
G	1.8	0.071
RD	150.0	5.906
GC	82.5	3.248

HS-2815 (Straight Running-Single Hinge)

CHARACTERISTICS

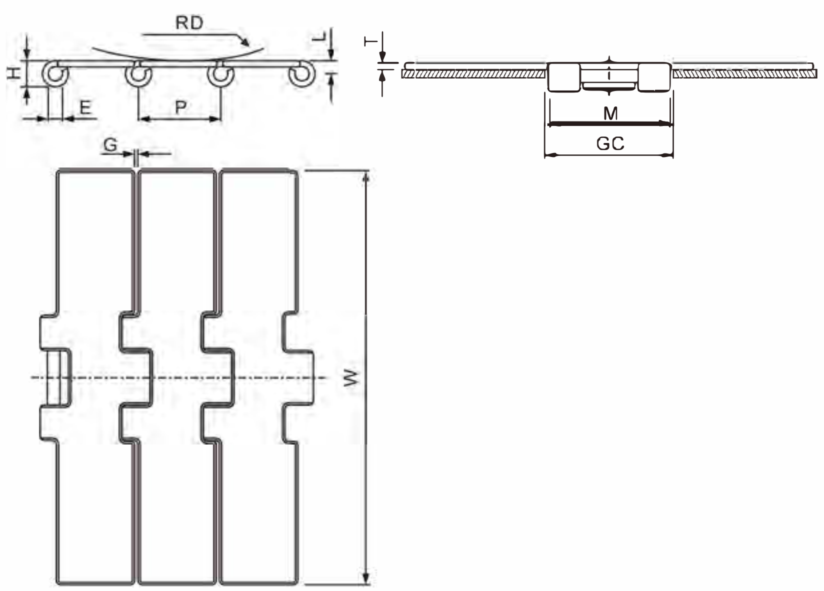
	Width W (mm)	(inch)	Working Load N(21℃)	lbs(21℃)	Sideflexing Radius (mm)	(inch)	Weight (kg/m)
HS-S 2815 K750	190.5	7.50	18000	4050	–	–	5.90
HS-SS 2815 K750	190.5	7.50	10300	2318	–	–	5.40
HS-P 2815 K750	190.5	7.50	15000	3375	–	–	5.62
HS-SS 2815 K750	190.5	7.50	10600	2385	–	–	5.40

BELT TECHNIK GMBH

HS-HD 9157 SERIES

Materials Sprockets 133 Applications

Plate Materials: P
Pin Material: Hardened martensitic stainless steel



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
M	57.0	2.244
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
G	1.6	0.063
RD	150.0	5.906
GC	60.0	2.362

HS-HD 9157 (Straight Running-Single Hinge-Increased Pin Hardness)

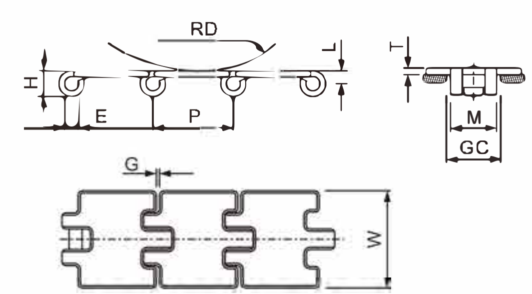
CHARACTERISTICS	Width W (mm)	(inch)	Working Load N(21℃)	lbs(21℃)	Sideflexing Radius (mm)	(inch)	Weight (kg/m)
HS-PHD 9157 K750	190.5	7.50	10500	2363	–	–	5.28

BELT TECHNIK GMBH

HS-803 SERIES

Materials Sprockets 135 Applications

Plate Materials: P
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
M	22.0	0.866
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
G	2.8	0.110
RD	75.0	2.953
GC	24.0	0.945

HS-803 (Straight Running-Mini Hinge)

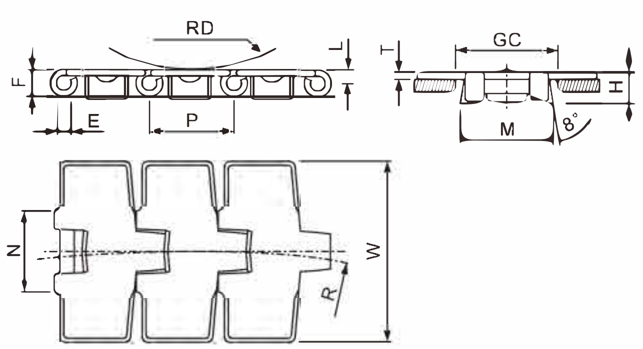
CHARACTERISTICS	Width W (mm)	(inch)	Working Load N(21℃)	lbs(21℃)	Sideflexing Radius (mm)	(inch)	Weight (kg/m)
HS-P 803 K125	31.8	1.25	4100	923	–	–	1.07
HS-P 803 K175	44.5	1.75	4100	923	–	–	1.34

BELT TECHNIK
GMBH

HS-881 SERIES

Materials | Sprockets 106~108 136/137 | Applications

Plate Materials: **S, SS**
Pin Material: Case hardened seetl(for carbon steel chains)
Cold rolled austenitic stainless steel(for stainless steel chains)



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
M	43.0	1.693
N	38.3	1.508
L	6.4	0.252
H	14.5	0.571
E	6.4	0.250
F	13.0	0.512
RD	75.0	2.953
GC(Straight)	44.5	1.752
GC(Curve)	41.5	1.634

HS-881 (Sideflexing-Bevel)

CHARACTERISTICS

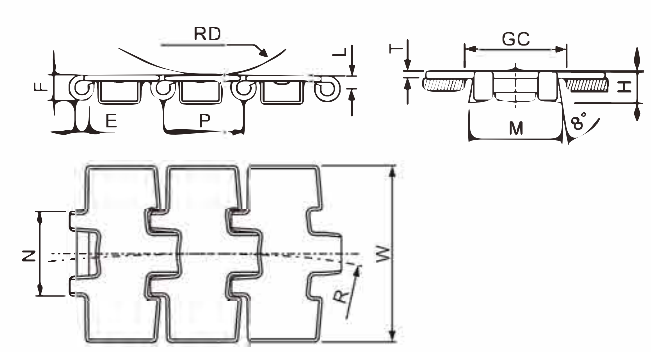
	Width W (mm)	(inch)	Working Load N(21℃)	lbs(21℃)	Sideflexing Radius (mm)	(inch)	Weight (kg/m)
HS-S 881 K325	82.6	3.25	11600	2610	457.2	18	2.74
HS-S 881 K450	114.3	4.50	11600	2610	609.6	24	3.37
HS-S 881 K750	190.5	7.50	11600	2610	609.6	24	4.78
HS-SS 881 K325	82.6	3.25	5600	1260	457.2	18	2.76
HS-SS 881 K450	114.3	4.50	5600	1260	609.6	24	3.40
HS-SS 881 K750	190.5	7.50	5600	1260	609.6	24	4.82

BELT TECHNIK
GMBH

HS-981 SERIES

Materials | Sprockets 106~108 136/137 | Applications

Plate Materials: **P**
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
M	43.0	1.693
N	38.3	1.508
L	6.4	0.252
H	14.5	0.571
E	6.4	0.250
F	13.0	0.512
RD	75.0	2.953
GC(Straight)	44.5	1.752
GC(Curve)	41.5	1.634

HS-981 (Sideflexing-Bevel-Reduced plate gap)

CHARACTERISTICS

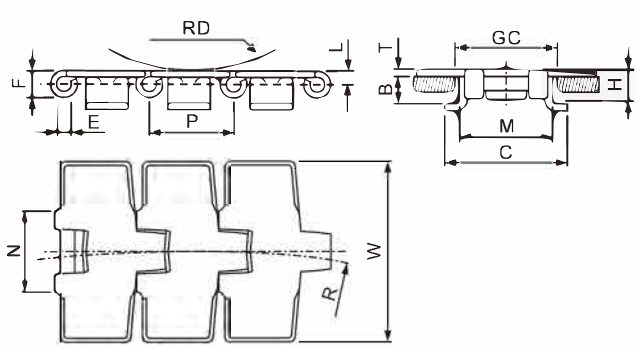
	Width W (mm)	(inch)	Working Load N(21℃)	lbs(21℃)	Sideflexing Radius (mm)	(inch)	Weight (kg/m)
HS-P 981 K325	82.6	3.25	8000	1800	457.2	18	2.72
HS-P 981 K330	83.8	3.30	8000	1800	457.2	18	2.75
HS-P 981 K450	114.3	4.50	8000	1800	609.6	24	3.35
HS-P 981 K750	190.5	7.50	8000	1800	609.6	24	4.76

BELT TECHNIK
GMBH

HS-881TAB SERIES

Materials Sprockets 134/136/137 Applications

Plate Materials: **S, SS**
Pin Material: Case hardened seetl(for carbon steel chains)
Cold rolled austenitic stainless steel(for stainless steel chains)



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
M	43.0	1.693
N	38.3	1.508
C	56.0	2.205
L	6.4	0.252
H	19.3	0.760
E	6.4	0.250
B	12.8	0.504
F	13.0	0.512
RD	75.0	2.953
GC(Straight)	46.0	1.811
GC(Curve)	44.5	1.752

HS-881TAB (Sideflexing-Tab)

CHARACTERISTICS

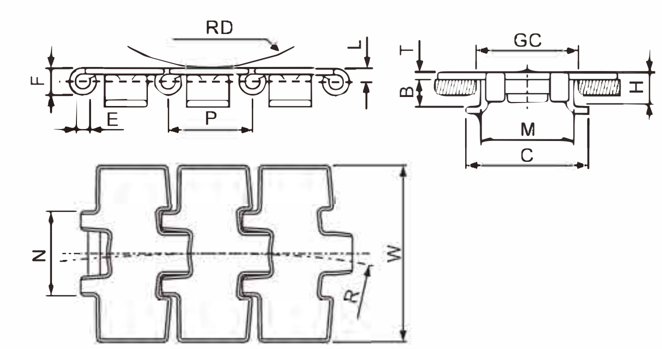
	Width W (mm)	(inch)	Working Load N(21℃)	lbs(21℃)	Sideflexing Radius (mm)	(inch)	Weight (kg/m)
HS-S 881TAB K325	82.6	3.25	11600	2610	457.2	18	2.96
HS-S 881TAB K450	114.3	4.50	11600	2610	609.6	24	3.60
HS-S 881TAB K750	190.5	7.50	11600	2610	609.6	24	5.00
HS-SS 881TAB K325	82.6	3.25	5600	1260	457.2	18	2.99
HS-SS 881TAB K450	114.3	4.50	5600	1260	609.6	24	3.63
HS-SS 881TAB K750	190.5	7.50	5600	1260	609.6	24	5.05

BELT TECHNIK
GMBH

HS-981TAB SERIES

Materials Sprockets 134/136/137 Applications

Plate Materials: **P**
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
M	43.0	1.693
N	38.3	1.508
C	56.0	2.205
L	6.4	0.252
H	19.3	0.760
E	6.4	0.250
B	12.8	0.504
F	13.0	0.512
RD	75.0	2.953
GC(Straight)	46.0	1.811
GC(Curve)	44.5	1.752

HS-981TAB (Sideflexing-Tab-Reduced plate gap)

CHARACTERISTICS

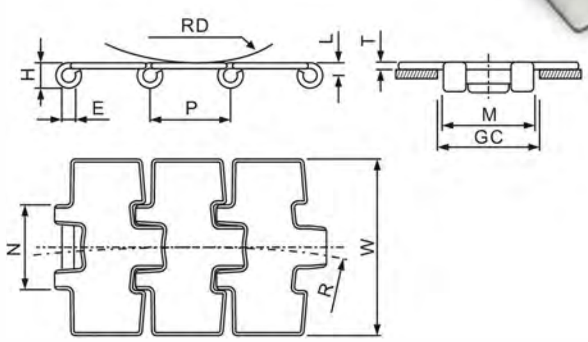
	Width W (mm)	(inch)	Working Load N(21℃)	lbs(21℃)	Sideflexing Radius (mm)	(inch)	Weight (kg/m)
HS-P 981TAB K325	82.6	3.25	8000	1800	457.2	18	2.95
HS-P 981TAB K330	83.8	3.30	8000	1800	457.2	18	2.96
HS-P 981TAB K450	114.3	4.50	8000	1800	609.6	24	3.58
HS-P 981TAB K750	190.5	7.50	8000	1800	609.6	24	4.99

BELT TECHNIK
GMBH

HS-981M SERIES

Materials · Sprockets 106~109, 129/130 · Applications

Plate Materials: **SS-4, P**
Pin Material: Cold rolled austenitic stainless steel(for 981M series)
Hardened martensitic stainless steel(for HD 981M series)



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
M	42.0	1.654
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
RD	75.0	2.953
GC(Straight)	44.0	1.732
GC(Curve)	44.0	1.732

HS-981M (Sideflexing-Magnetic-Reduced plate gap)

CHARACTERISTICS

	Width W (mm)	(inch)	Working Load N(21℃)	lbs(21℃)	Sideflexing Radius (mm)	(inch)	Weight (kg/m)
HS-SS 981M-4 K325	82.6	3.25	5400	1215	500	19.69	2.40
HS-SS 981M-4K330	83.8	3.30	5400	1215	500	19.69	2.42
HS-P 981M K325	82.6	3.25	8500	1913	500	19.69	2.46
HS-P 981M K330	83.8	3.30	8500	1913	500	19.69	2.48
HS-P 981M K450	114.3	4.50	8500	1913	500	19.69	3.08
HS-P 981M K750	190.5	7.50	8500	1913	500	19.69	4.47

HS-HD 981M (Sideflexing-Magnetic-Reduced plate gap-Increased Pin Hardness)

CHARACTERISTICS

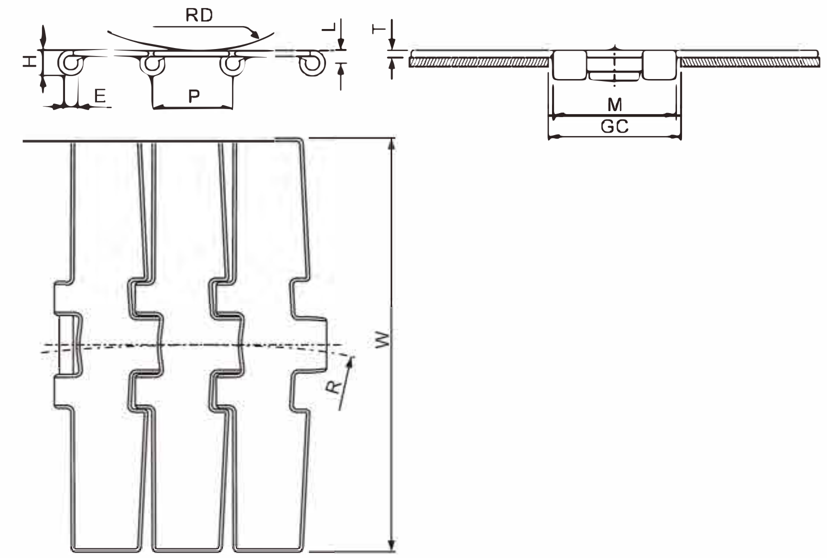
	Width W (mm)	(inch)	Working Load N(21℃)	lbs(21℃)	Sideflexing Radius (mm)	(inch)	Weight (kg/m)
HS-PHD 981M K325	82.6	3.25	8500	1913	500	19.69	2.46
HS-PHD 981M K330	83.8	3.30	8500	1913	500	19.69	2.48
HS-PHD 981M K450	114.3	4.50	8500	1913	500	19.69	3.08
HS-PHD 981M K750	190.5	7.50	8500	1913	500	19.69	4.47

BELT TECHNIK
GMBH

HS-HD 9857M SERIES

Materials · Sprockets 133/134 · Applications

Plate Materials: **P**
Pin Material: Hardened martensitic stainless steel



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
M	57.0	2.244
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
RD	75.0	2.953
GC(Straight)	60.0	2.362
GC(Curve)	60.0	2.362

HS-HD 9857M (Sideflexing-Magnetic-Heavy Duty Single Hinge-Increased Pin Hardness)

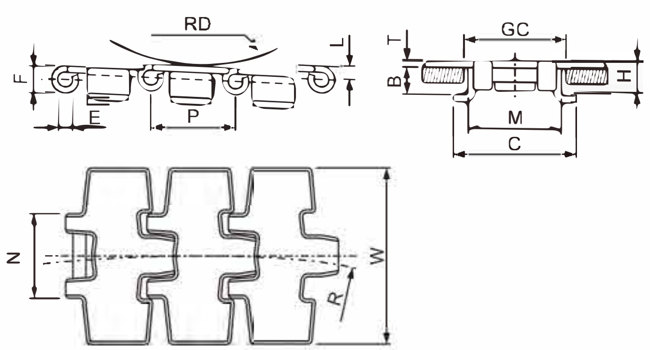
CHARACTERISTICS

	Width W (mm)	(inch)	Working Load N(21℃)	lbs(21℃)	Sideflexing Radius (mm)	(inch)	Weight (kg/m)
HS-PHD 9857M K750	190.5	7.50	10500	2363	750	29.53	4.97

HS-982TAB SERIES

Materials | Sprockets 134/136/137 | Applications

Plate Materials: **SS**
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
M	43.0	1.693
N	38.3	1.508
C	56.0	2.205
L	6.4	0.252
H	19.3	0.760
E	6.4	0.250
B	12.8	0.504
F	13.0	0.512
RD	75.0	2.953
GC(Straight)	46.0	1.811
GC(Curve)	44.5	1.752

HS-982TAB (Sideflexing-Tab-Reduced Sideflexing Radius)

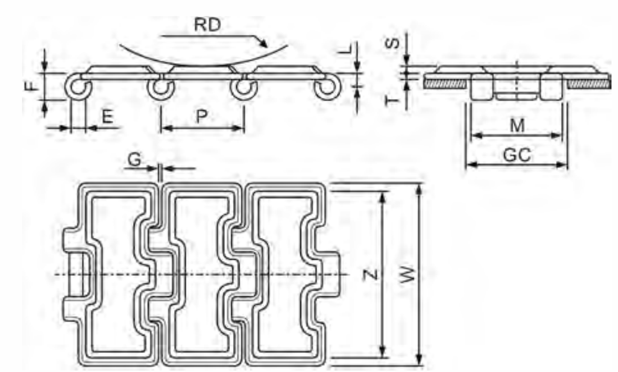
CHARACTERISTICS

	Width W (mm)	Width W (inch)	Working Load N(21℃)	Working Load lbs(21℃)	Sideflexing Radius (mm)	Sideflexing Radius (inch)	Weight (kg/m)
HS-SS 982TAB K325	82.6	3.25	5000	1125	200	7.87	3.00

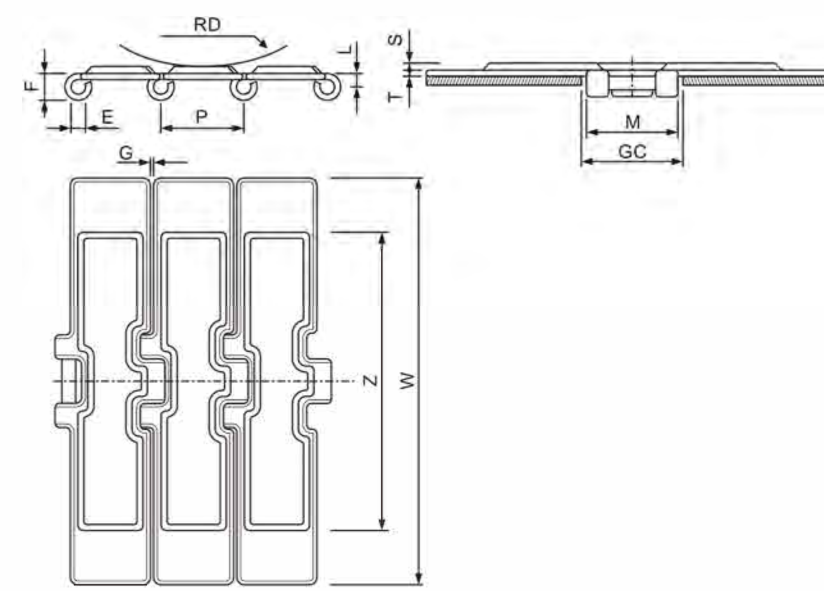
HS-915-EL SERIES

Materials | Sprockets 106~108 129/130 | Applications

Plate Materials: **P**
Pad Material: Nitrilic rubber **PG**
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
S	3.0	0.118
M	42.0	1.654
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
Z	76.0	2.992
G	1.6	0.063
RD	150.0	5.906
GC	44.0	1.732



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
S	3.0	0.118
M	42.0	1.654
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
Z	146.0	5.748
G	1.6	0.063
RD	150.0	5.906
GC	44.0	1.732

HS-915-EL (Straight Running-Single Hinge-Rubberized Surface)

CHARACTERISTICS

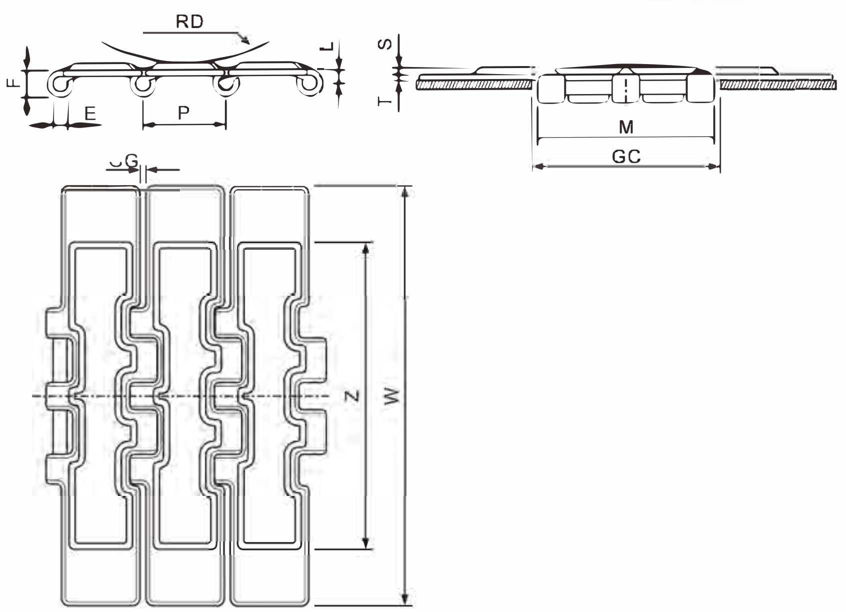
	Width W (mm)	Width W (inch)	Working Load N(21℃)	Working Load lbs(21℃)	Sideflexing Radius (mm)	Sideflexing Radius (inch)	Weight (kg/m)
HS-915M-EL K325	82.6	3.25	8500	1913	–	–	2.57
HS-915M-EL K450	114.3	4.50	8500	1913	–	–	3.28
HS-915M-EL K750	190.5	7.50	8500	1913	–	–	4.99

BELT TECHNIK GMBH

HS-2815-EL SERIES

Materials | Sprockets 111/131/132 | Applications

Plate Materials: **P**
Pad Material: Nitrilic rubber **PG**
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
S	3.0	0.118
M	80.0	3.150
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
Z	140.0	5.512
G	1.8	0.071
RD	150.0	5.906
GC	82.5	3.248

HS-2815-EL (Straight Running-Double Hinge-Rubberized Surface)

CHARACTERISTICS

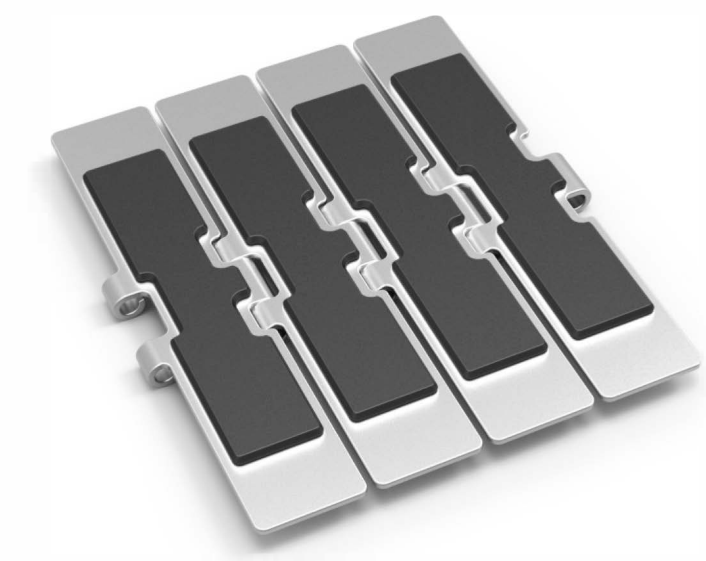
	Width W (mm)	Width W (inch)	Working Load N(21℃)	Working Load lbs(21℃)	Sideflexing Radius (mm)	Sideflexing Radius (inch)	Weight (kg/m)
HS-2815-EL K750	190.5	7.50	15000	3375	–	–	5.94

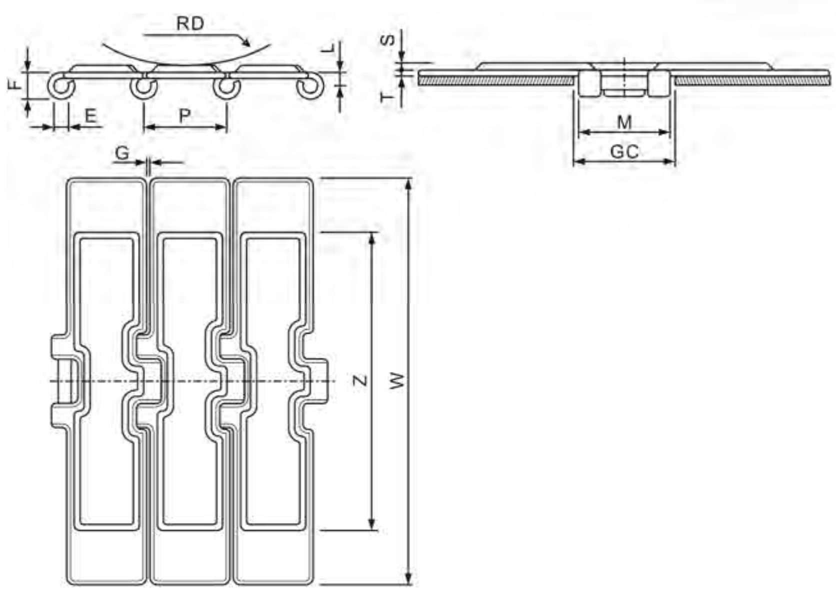
BELT TECHNIK GMBH

HS-HD9157-EL SERIES

Materials | Sprockets 133 | Applications

Plate Materials: **P**
Pad Material: Nitrilic rubber **PG**
Pin Material: Hardened martensitic stainless steel





Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
S	3.0	0.118
M	57.0	2.244
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
Z	139.5	5.492
G	1.6	0.063
RD	150.0	5.906
GC	60.0	2.362

HS-HD9157-EL (Straight Running-Heavy Duty Single Hinge-Increased Pin Hardness-Rubberized Surface)

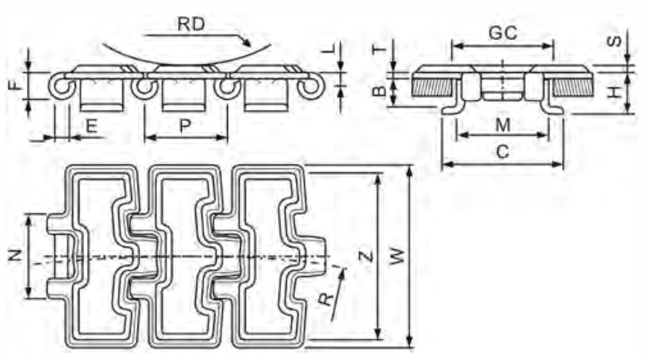
CHARACTERISTICS

	Width W (mm)	Width W (inch)	Working Load N(21℃)	Working Load lbs(21℃)	Sideflexing Radius (mm)	Sideflexing Radius (inch)	Weight (kg/m)
HS-HD9157-EL K750	190.5	7.50	10500	2363	–	–	5.60

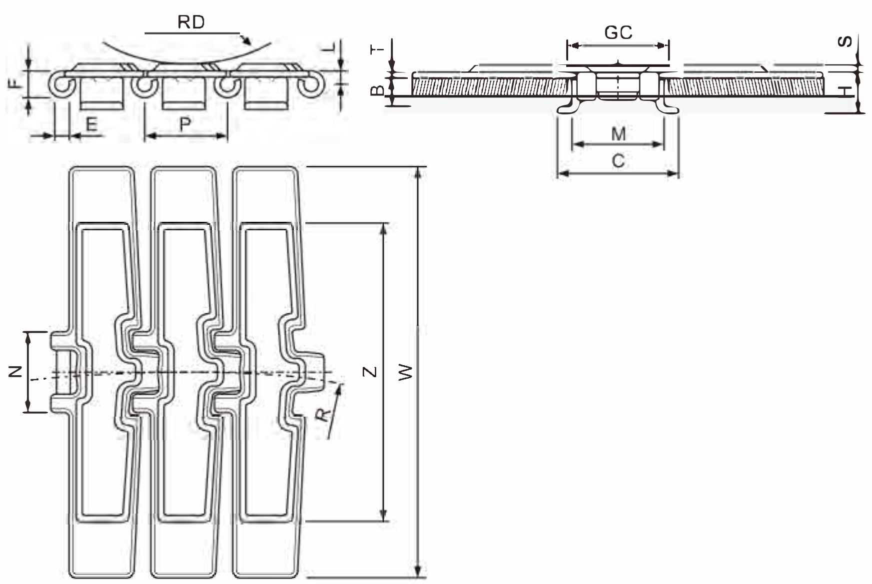
HS-981TAB-EL SERIES

Materials · Sprockets 134/136/137 · Applications

Plate Materials: **P**
Pad Material: Nitrilic rubber **PG**
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
S	3.0	0.118
M	43.0	1.693
N	38.3	1.508
C	56.0	2.205
L	6.4	0.252
H	19.3	0.760
E	6.4	0.250
B	12.8	0.504
F	13.0	0.512
Z	76.0	2.992
RD	75.0	2.953
GC(Straight)	46.0	1.811
GC(Curve)	44.5	1.752



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
S	3.0	0.118
M	43.0	1.693
N	38.3	1.508
C	56.0	2.205
L	6.4	0.252
H	19.3	0.760
E	6.4	0.250
B	12.8	0.504
F	13.0	0.512
Z	146.0	5.748
RD	75.0	2.953
GC(Straight)	46.0	1.811
GC(Curve)	44.5	1.752

HS-981TAB-EL (Sideflexing-Tab-Reduced plate gap)

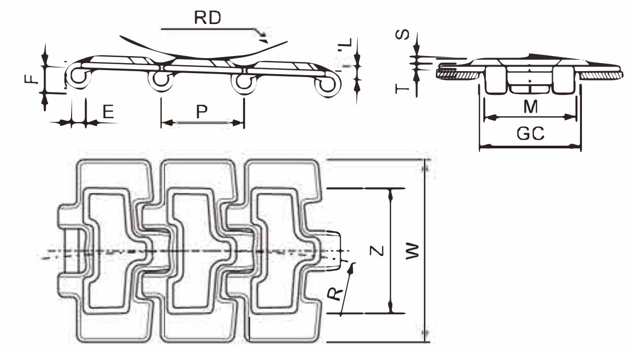
CHARACTERISTICS

	Width W		Working Load		Sideflexing Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(kg/m)
HS-981TAB-EL K325	82.6	3.25	8000	1800	457.2	18	3.07
HS-981TAB-EL K750	190.5	7.50	8000	1800	609.6	24	5.30

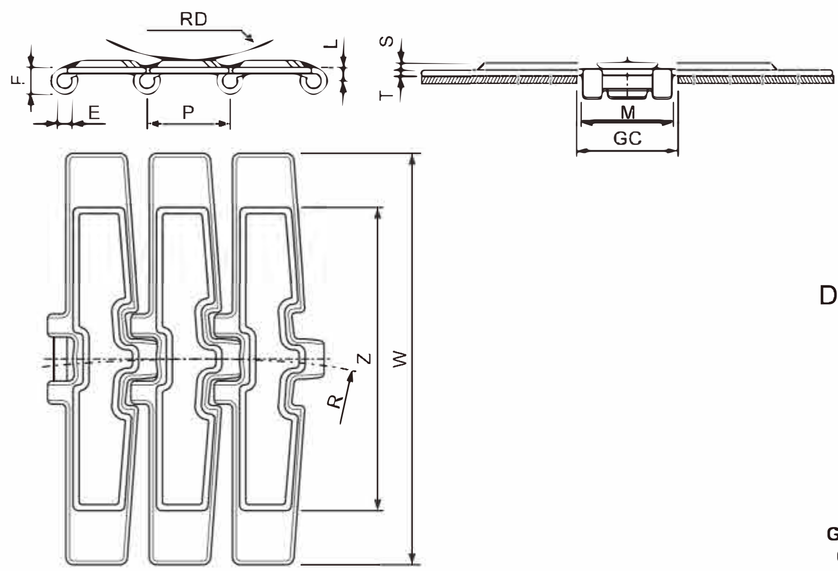
HS-981M-EL SERIES

Materials · Sprockets 106~108 129/130 · Applications

Plate Materials: **P**
Pad Material: Nitrilic rubber **PG**
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
S	3.0	0.118
M	42.0	1.654
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
Z	57.0	2.244
RD	75.0	2.953
GC(Straight)	44.0	1.732
GC(Curve)	44.0	1.732



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
S	3.0	0.118
M	42.0	1.654
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
Z	146.0	5.748
RD	75.0	2.953
GC(Straight)	44.0	1.732
GC(Curve)	44.0	1.732

HS-981M-EL (Sideflexing-Magnetic-Reduced plate gap-Rubberized Surface)

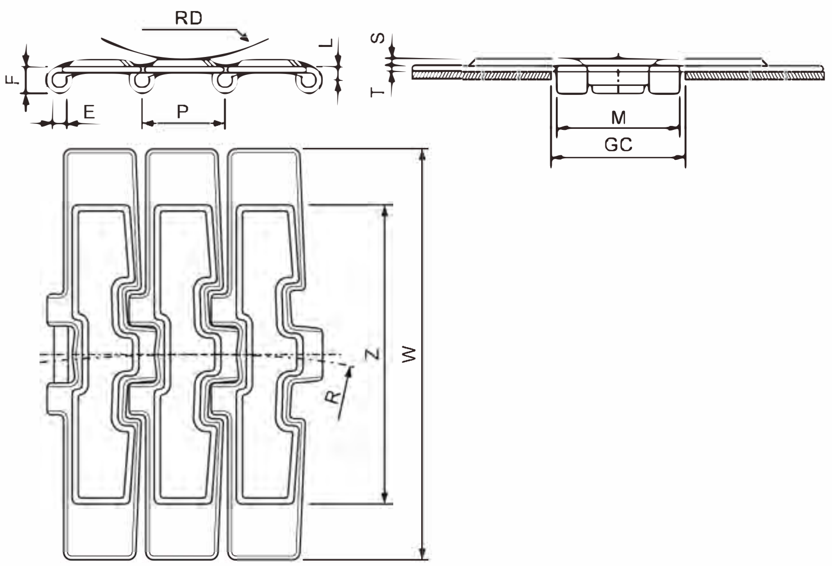
CHARACTERISTICS

	Width W		Working Load		Sideflexing Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(kg/m)
HS-P981M-EL K325	82.6	3.25	8500	1913	500	19.685	2.57
HS-P981M-EL K750	190.5	7.50	8500	1913	500	19.685	4.77

HS-HD 9857M-EL SERIES

Materials | Sprockets 133/134 | Applications

Plate Materials: **P**
Pad Material: Nitrilic rubber **PG**
Pin Material: Cold rolled austenitic stainless steel



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
S	3.0	0.118
M	57.0	2.244
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
Z	139.5	5.492
RD	75.0	2.953
GC(Straight)	60.0	2.362
GC(Curve)	60.0	2.362

HS-HD 9857M-EL (Sideflexing-Magnetic-Heavy Duty Single Hinge-Increased Pin Hardness-Rubberized Surface)

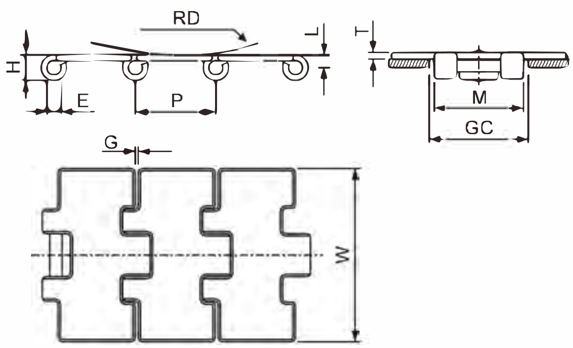
CHARACTERISTICS

	Width W		Working Load		Sideflexing Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(kg/m)
HS-HD 9857M-EL K750	190.5	7.50	10500	2363	750	29.528	5.26

HS-812 SERIES

Materials Sprockets 106~108 129/130 Applications

Plate Materials: **SS**
Pin Material: Cold rolled austenitic stainless steel(for stainless steel chains)



Dimension	mm	inches
P	38.1	1.500
T	3.0	0.118
M	42.0	1.654
L	6.4	0.252
H	13.0	0.512
E	6.4	0.250
G	1.6	0.063
RD	150.0	5.906
GC	44.0	1.732

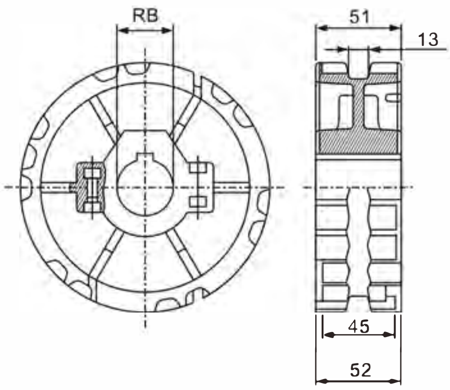
HS-812 (Straight Running-Single Hinge)

	Width W		Working Load		Sideflexing Radius		Weight
	(mm)	(inch)	N(21℃)	lbs(21℃)	(mm)	(inch)	(kg/m)
HS-SS 812 K325	82.6	3.25	5600	1260	-	-	2.73
HS-SS 812 K330	83.8	3.30	5600	1260	-	-	2.78
HS-SS 812 K400	101.6	4.00	5600	1260	-	-	3.20
HS-SS 812 K450	114.3	4.50	5600	1260	-	-	3.48
HS-SS 812 K600	152.4	6.00	5600	1260	-	-	4.38
HS-SS 812 K750	190.5	7.50	5600	1260	-	-	5.27

SPROCKET SERIES

SPROCKET

Sprockets for HS-820 / HS-831 series



MOULDED SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS

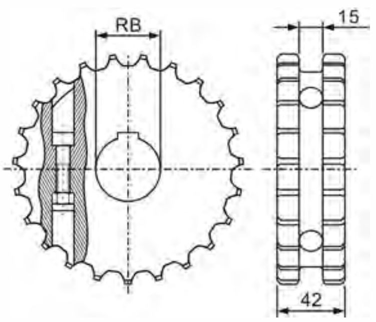
N° Teeth Z actual	Z effective	Pitch Diam (mm)	Pitch Diam (inch)	Outside Diam (mm)	Outside Diam (inch)	Rb Size (mm)	Rb Size (inch)	Weight (kg)
21	10.5	129.26	5.09	128.0	5.0	25 30 35 40 45	1 1 3/16 1 1/4 1 7/16 1 1/2 1 5/8	0.42
23	11.5	141.20	5.56	140.0	5.5	25 30 35 40 45	1 1 3/16 1 1/4 1 7/16 1 1/2 1 5/8	0.47
25	12.5	153.20	6.03	152.0	6.0	25 30 35 40 45	1 1 3/16 1 1/4 1 7/16 1 1/2 1 5/8	0.52

Note:Sprockets made of steel or cast iron on request

BELT TECHNIK
GMBH

SPROCKET

Sprockets for HS-820 /HS-831 series



MOULDED SPLIT DRIVE AND IDLER SPROCKETS

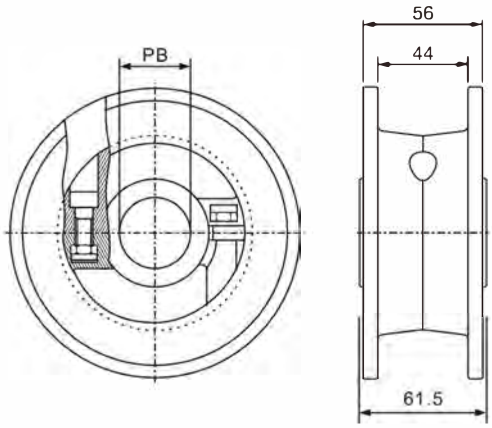
CHARACTERISTICS

N° Teeth		Pitch Diam		Outside Diam		Rb Size		Weight
Z actual	Z effective	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(kg)
17	8.5	105.47	4.15	104.4	4.1	25		0.32
						30		0.31
						35		0.29
						40		0.28
							1	0.32
							1 ¼	0.31
							1 ½	0.28
19	9.5	117.34	4.62	117.0	4.6	25		0.42
						30		0.41
						35		0.39
						40		0.38
							1	0.42
							1 7/16	0.39
							1 15/16	0.36
21	10.5	129.26	5.09	129.4	5.1	25		0.52
						30		0.51
						35		0.50
						40		0.48
							1	0.52
							1 ½	0.48
							2	0.44
23	11.5	141.22	5.56	141.9	5.6	25		0.63
						30		0.61
						35		0.60
						40		0.58
							1	0.63
							1 ½	0.58
							2	0.55
25	12.5	153.20	6.03	154.2	6.1	25		0.75
						30		0.74
						35		0.72
						40		0.71
							1	0.75
							1 ½	0.71
							2 ½	0.69

Note:Sprockets with 27 teeth also available, Other bore sizes in imperial units are available.

SPROCKET

Idler wheels for HS-812 / HS-981 / HS-981M / HS-915 / HS-981M-EL / HS-881 / HS-820 /HS-831 / HS-828 / HS-880 / HS-880M / HS-HD915 / HS-HD981M series



MOULDED SPLIT IDLER WHEELS

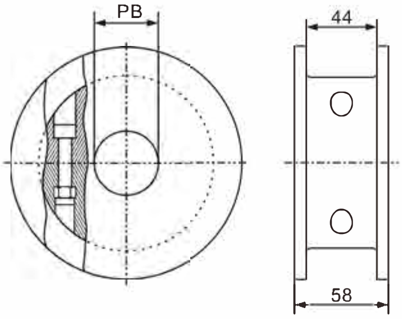
CHARACTERISTICS

N° Teeth Z equivalent	Outside Diam (mm)	Outside Diam (inch)	Rb Size (mm)	Rb Size (inch)	Weight (kg)
21	129.8	5.1	25		0.32
			30		0.33
			35		0.33
			40		0.34
			45		0.31
				1	0.33
				1 ¼	0.32
23	142.3	5.6	25		0.36
			30		0.36
			35		0.37
			40		0.38
			45		0.35
				1	0.36
				1 ¼	0.36
25	156.0	6.1	25		0.40
			30		0.40
			35		0.41
			40		0.42
			45		0.39
				1	0.40
				1 ¼	0.40

BELT TECHNIK
GMBH

SPROCKET

Idler wheels for HS-812 / HS-981 / HS-981M / HS-915 / HS-981M-EL / HS-881 / HS-820 /HS-831 / HS-828 / HS-880 / HS-880M / HS-HD915 / HS-HD981M series



MOULDED SPLIT IDLER WHEELS

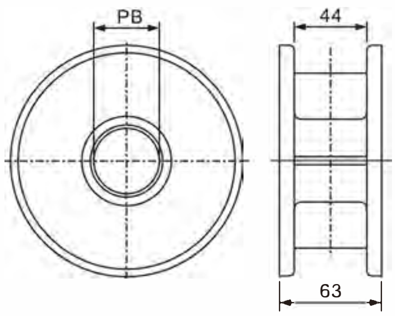
CHARACTERISTICS

N° Teeth Z equivalent	Outside Diam (mm)	Outside Diam (inch)	Rb Size (mm)	Rb Size (inch)	Weight (kg)
17	106.5	4.2	25		0.45
			30		0.43
			35		0.42
			40		0.36
				1	0.45
				1 ¼	0.43
				1 ½	0.31
19	118.0	4.6	25		0.54
			30		0.52
			35		0.51
			40		0.50
				1	0.54
				1 7/16	0.51
				1 ¾	0.49
21	129.8	5.1	25		0.71
			30		0.69
			35		0.68
			40		0.66
				1	0.70
				1 ½	0.66
				2	0.64
23	142.3	5.6	25		0.80
			30		0.78
			35		0.77
			40		0.76
				1	0.80
				1 ½	0.76
				2	0.74
25	154.7	6.1	25		1.00
			30		0.99
			35		0.97
			40		0.95
				1	1.00
				1 ½	0.95
				2 ½	0.90

Note:Other bore sizes in imperial units are available.

SPROCKET

Idler wheels for HS-812 / HS-981 / HS-981M / HS-915 / HS-981M-EL / HS-881 / HS-820 /HS-831 / HS-828 / HS-880 / HS-880M / HS-HD915 / HS-HD981M series



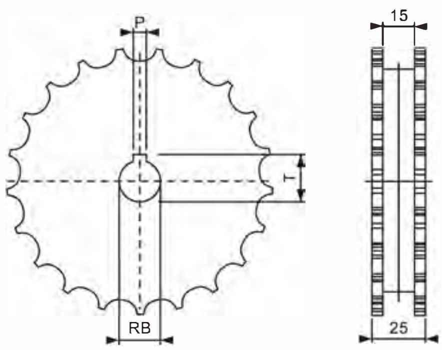
MOULDED SPLIT IDLER WHEELS

CHARACTERISTICS

N° Teeth Z equivalent	Outside Diam (mm)	Outside Diam (inch)	Rb Size (mm)	Rb Size (inch)	Weight (kg)
21	129.8	5.1	25		0.22
			30		0.22
			35		0.22
			40		0.20
				1	0.22
				1 3⁄16	0.21
				1 ¼	0.21
				1 ½	0.22
23	142.3	5.6	25		0.25
			30		0.25
			35		0.24
			40		0.24
				1	0.24
				1 3⁄16	0.24
				1 ¼	0.24
				1 ½	0.25
25	154.7	6.1	25		0.30
			30		0.29
			35		0.29
			40		0.28
				1	0.30
				1 3⁄16	0.30
				1 ¼	0.29
				1 ½	0.25

SPROCKET

Sprockets for HS-820mini series

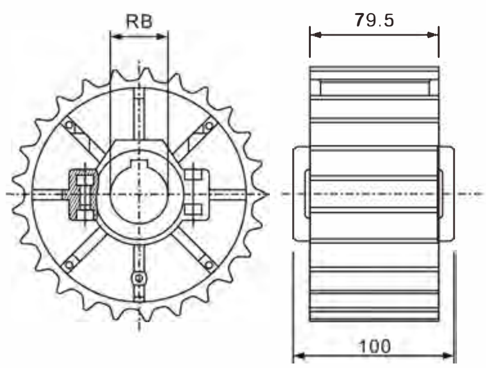


MOULDED SPLIT IDLER WHEELS

CHARACTERISTICS							
N° Teeth Z equivalent	Pitch diameter (mm)	(inch)	Outside diameter (mm)	(inch)	RB (mm)	T (mm)	P (mm)
17	105.47	4.15	104.4	4.11	25	28.3	8
					30	33.3	8
19	117.34	4.62	117.0	4.60	25	28.3	8
					30	33.3	8
					35	38.3	10
21	129.26	5.09	129.4	5.10	25	28.3	8
					30	33.3	8
					35	38.3	10
					40	43.3	12
23	141.20	5.56	141.9	5.59	25	28.3	8
					30	33.3	8
					35	38.3	10
					40	43.3	12
25	153.20	6.03	154.2	6.07	25	28.3	8
					30	33.3	8
					35	38.3	10
					40	43.3	12

SPROCKET

Sprockets for HS-821 / HS-821-EL / HS-LBP821 series



MOULDED SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS

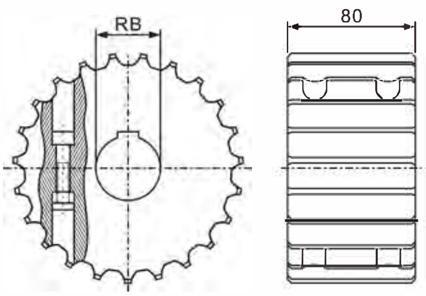
N° Teeth Z actual	Z effective	Pitch Diam (mm)	Pitch Diam (inch)	Outside Diam (mm)	Outside Diam (inch)	Rb Size (mm)	Rb Size (inch)	Weight (kg)
25	12.5	153.20	6.03	154.2	6.1	30		0.99
						35		
						40		
						45		
							1 3/16	
							1 1/4	
							1 7/16	
							1 1/2	
							1 5/8	

Note:Sprockets made of cast iron on request

BELT TECHNIK
GMBH

SPROCKET

Sprockets for HS-2815 / HS-2815-EL / HS-821 / HS-821-EL / HS-LBP821 series



MOULDED SPLIT DRIVE AND IDLER SPROCKETS

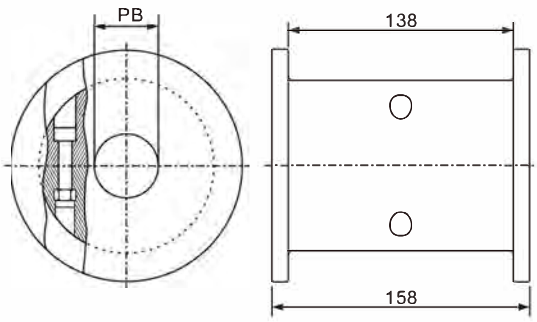
CHARACTERISTICS

N° Teeth Z actual	N° Teeth Z effective	Pitch Diam (mm)	Pitch Diam (inch)	Outside Diam (mm)	Outside Diam (inch)	Rb Size (mm)	Rb Size (inch)	Weight (kg)
19	9.5	117.34	4.62	117.0	4.6	25		0.87
						30		0.85
						35		0.82
						40		0.78
							1	0.87
							1 7/16	0.81
							1 15/16	0.79
21	10.5	129.26	5.09	129.4	5.1	25		1.06
						30		1.03
						35		1.01
						40		0.99
							1	1.05
							1 ½	0.99
							2	0.96
23	11.5	141.22	5.56	141.9	5.6	25		1.30
						30		1.27
						35		1.23
						40		1.22
							1	1.30
							1 ½	1.21
							2 ½	1.19
25	12.5	153.20	6.03	154.2	6.1	25		1.51
						30		1.50
						35		1.47
						40		1.44
							1	1.50
							1 ½	1.44
							2 ½	1.40
27	13.5	165.21	6.50	166.4	6.6	25		1.91
						30		1.89
						35		1.87
						40		1.84
							1	1.91
							1 ½	1.84
							2 ½	1.80

Note:Sprockets with 29 teeth also available, Other bore sizes in imperial units are available.

SPROCKET

Idler wheels for HS-821 / HS-821-EL / HS-LBP821 series



MOULDED SPLIT IDLER WHEELS

CHARACTERISTICS

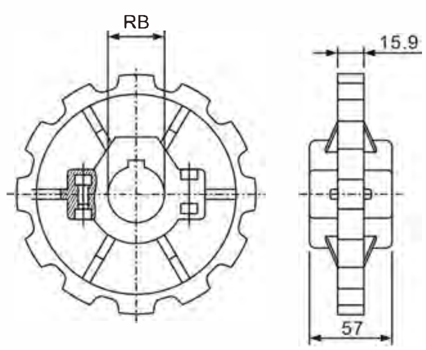
N° Teeth Z equivalent	Outside Diam (mm)	Outside Diam (inch)	Rb Size (mm)	Rb Size (inch)	Weight (kg)
19	118.0	4.6	25		1.03
			30		0.99
			35		0.95
			40		0.89
				1	1.03
				1 7/16	0.95
				1 3/4	0.87
21	129.8	5.1	25		1.33
			30		1.29
			35		1.24
			40		1.19
				1	1.33
				1 1/2	1.19
				2	1.16
23	142.3	5.6	25		1.71
			30		1.68
			35		1.63
			40		1.58
				1	1.71
				1 1/2	1.58
				2	1.54
25	154.7	6.1	25		2.12
			30		2.08
			35		2.03
			40		1.98
				1	2.12
				1 1/2	1.98
				2 1/2	1.95

Note:Other bore sizes in imperial units are available.

BELT TECHNIK
GMBH

SPROCKET

Sprockets for HS-828 / HS-880 / HS-880T / HS-880T-BO / HS-880-EL / HS-880-EL BO / HS-878 BO / HS-878-EL BO / HS-LBP 878T series



MOULDED SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS

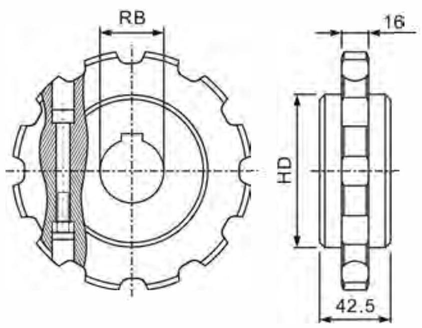
N° Teeth Z actual	Z effective	Pitch Diam (mm)	Pitch Diam (inch)	Outside Diam (mm)	Outside Diam (inch)	Rb Size (mm)	Rb Size (inch)	Weight (kg)
						25		
10	5	120	4.7	120	4.7	30		
						35		
						40		
						45		
							1	0.40
11	5.5	134	5.3	134	5.3		1 3/16	
							1 1/4	
							1 7/16	
							1 1/2	
12	6	145	5.7	145	5.7		1 5/8	
							1 3/4	

Note:Sprockets made of cast iron on request

BELT TECHNIK GMBH

SPROCKET

Sprockets for HS-828 / HS-880 / HS-880T / HS-880T-BO / HS-880-EL / HS-880-EL BO / HS-878 BO / HS-878-EL BO / HS-LBP 878T series



MOULDED SPLIT DRIVE AND IDLER SPROCKETS

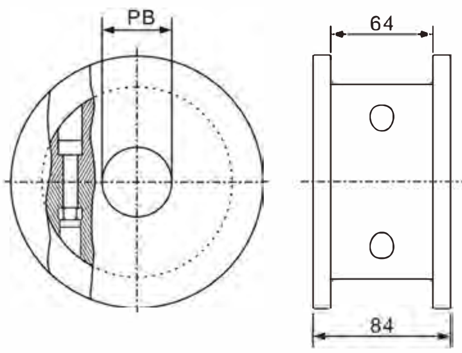
CHARACTERISTICS

N° Teeth Z actual	N° Teeth Z effective	Pitch Diam (mm)	Pitch Diam (inch)	Outside Diam (mm)	Outside Diam (inch)	HD (mm)	Rb Size (mm)	Rb Size (inch)	Weight (kg)
9	9	111.40	4.39	109.8	4.3	75	25		0.31
							30		0.29
							35		0.27
							40		0.25
								1	0.31
								1 7/16	0.27
								1 15/16	0.23
10	10	123.29	4.85	122.4	4.8	85	25		0.37
							30		0.36
							35		0.35
							40		0.34
								1	0.37
								1 ½	0.34
								2	0.31
11	11	135.24	5.32	134.9	5.3	90	25		0.42
							30		0.41
							35		0.40
							40		0.38
								1	0.42
								1 ½	0.38
								2 ½	0.34
12	12	147.21	5.80	147.3	5.8	95	25		0.54
							30		0.53
							35		0.52
							40		0.51
								1	0.54
								1 ½	0.51
								2 ½	0.49

Note:Other bore sizes in imperial units are available.

SPROCKET

Idler wheels for HS-880T /HS-880T-BO / HS-880-EL / HS-880-EL / HS-880-EL BO / HS-878 BO / HS-878-EL BO / HS-LBP 878T series



MOULDED SPLIT IDLER WHEELS

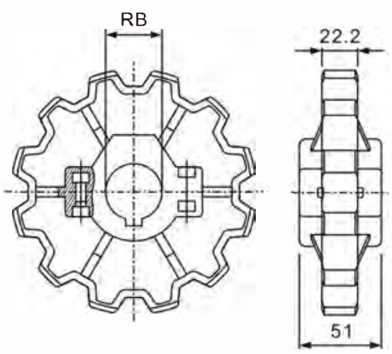
CHARACTERISTICS					
N° Teeth Z equivalent	Outside Diam (mm)	(inch)	Rb Size (mm)	(inch)	Weight (kg)
9	118.0	4.6	25		0.61
			30		0.59
			35		0.56
			40		0.53
				1	0.61
				1 7/16	0.56
				1 3/4	0.52
10	129.8	5.1	25		0.78
			30		0.76
			35		0.74
			40		0.71
				1	0.78
				1 1/2	0.71
				2	0.69
11	142.3	5.6	25		0.98
			30		0.96
			35		0.94
			40		0.91
				1	0.98
				1 1/2	0.91
				2	0.89
12	154.7	6.1	25		1.21
			30		1.19
			35		1.16
			40		1.13
				1	1.21
				1 1/2	1.13
				2 1/2	1.09

Note:Other bore sizes in imperial units are available.

BELT TECHNIK GMBH

SPROCKET

Sprockets for HS-882 / HS-882T / HS-882-EL T / HS-LBP882T / HS-LBP882M series



MOULDED SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS

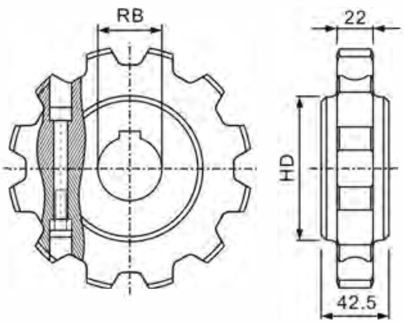
N° Teeth		Pitch Diam		Outside Diam		Rb Size		Weight
Z actual	Z effective	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(kg)
12	6	147.21	5.80	145.0	5.7	25		0.44
						30		
						35		
						40		
							1	
							1 3/16	
							1 1/4	
							1 7/16	
							1 5/8	
							1 3/4	

Note:Sprockets made of cast iron on request

BELT TECHNIK
GMBH

SPROCKET

Sprockets for HS-882 / HS-882T / HS-882-EL T / HS-LBP882T / HS-LBP882M series



MOULDED SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS

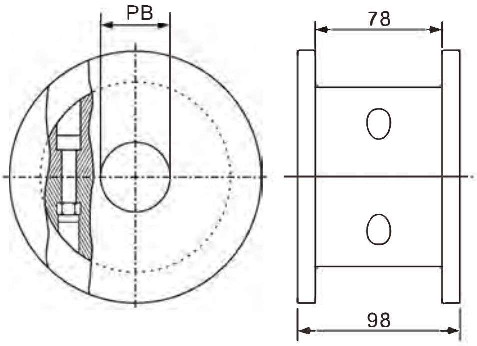
N° Teeth Z actual	Z effective	Pitch Diam (mm)	Pitch Diam (inch)	Outside Diam (mm)	Outside Diam (inch)	HD (mm)	Rb Size (mm)	Rb Size (inch)	Weight (kg)
9	9	111.40	4.39	111.8	4.4	60	25		0.33
							30		0.32
							35		0.31
							40		0.29
								1	0.33
								1 ¼	0.32
								2 ½	0.29
10	10	123.29	4.85	124.4	4.9	75	25		0.37
							30		0.37
							35		0.36
							40		0.35
								1	0.37
								1 7/16	0.35
								1 15/16	0.33
11	11	135.24	5.32	136.9	5.4	85	25		0.44
							30		0.44
							35		0.42
							40		0.41
								1	0.44
								1 ½	0.41
								2	0.39
12	12	147.21	5.80	149.3	5.9	90	25		0.54
							30		0.54
							35		0.53
							40		0.52
								1	0.54
								1 ½	0.52
								2 ½	0.49

Note:Other bore sizes in imperial units are available.

BELT TECHNIK GMBH

SPROCKET

Idler wheels for HS-882 / HS-882T / HS-882-EL T / HS-LBP882T / HS-LBP882M series



MOULDED SPLIT IDLER WHEELS

CHARACTERISTICS

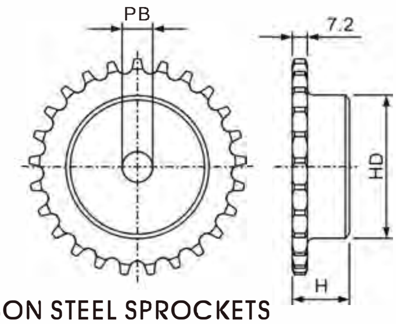
N° Teeth Z equivalent	Outside Diam (mm)	Outside Diam (inch)	Rb Size (mm)	Rb Size (inch)	Weight (kg)
			25		0.47
			30		0.44
			35		0.42
9	118.0	4.6	40		0.38
				1	0.47
				1 ¼	0.44
				1 ½	0.38
			25		0.65
			30		0.63
			35		0.60
10	129.8	5.1	40		0.57
				1	0.65
				1 7/16	0.60
				1 15/16	0.52
			25		0.84
			30		0.82
			35		0.79
11	142.3	5.6	40		0.76
				1	0.84
				1 ½	0.76
				2	0.73
			25		1.08
			30		1.06
			35		1.03
12	154.7	6.1	40		1.00
				1	1.08
				1 ½	1.00
				2 ½	0.98

Note:Other bore sizes in imperial units are available.

BELT TECHNIK
GMBH

SPROCKET

Sprockets for HS-843 / HS-845 / HS-1843 series



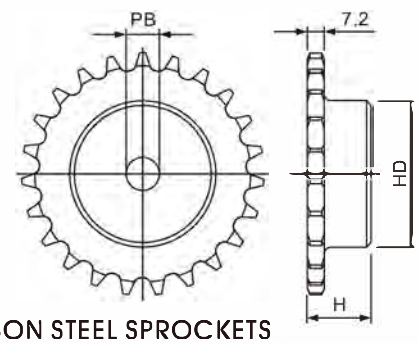
CARBON STEEL SPROCKETS

CHARACTERISTICS

N° Teeth Z actual	Z effective	Pitch Diam (mm)	Pitch Diam (inch)	Outside Diam (mm)	Outside Diam (inch)	HD (mm)	HD (inch)	Rb Size (mm)	Rb Size (inch)	H (mm)	H (inch)	Weight (kg)
13*	6½	53.06	2.09	57.4	2.3	37.00	1.46	10	0.39	28.00	1.10	0.28
15*	7½	61.09	2.41	65.5	2.6	45.00	1.77	10	0.39	28.00	1.10	0.41
17*	8½	69.11	2.72	73.6	2.9	52.00	2.05	10	0.39	28.00	1.10	0.54
19	9½	77.16	3.04	81.7	3.2	60.00	2.36	12	0.47	28.00	1.10	0.70
21	10½	85.22	3.36	89.7	3.5	68.00	2.68	12	0.47	28.00	1.10	0.89
23	11½	93.27	3.67	98.2	3.9	70.00	2.76	12	0.47	28.00	1.10	0.98
25	12½	101.33	3.99	105.8	4.2	70.00	2.76	12	0.47	28.00	1.10	1.06
27	13½	109.40	4.31	114.0	4.5	70.00	2.76	15	0.59	30.00	1.18	1.17
29	14½	117.46	4.62	122.0	4.8	80.00	3.15	15	0.59	30.00	1.18	1.47
31	15½	125.54	4.94	130.2	5.1	90.00	3.54	16	0.63	30.00	1.18	1.79
33	16½	133.60	5.26	138.4	5.4	90.00	3.54	16	0.63	30.00	1.18	1.88

*Do not use with 1843 Series.

Sprockets for HS-863 / HS-1873 / HS-1873T / HS-1873-EL T / HS-1873D / HS-1873GD / HS-1873TAB-GD series



CARBON STEEL SPROCKETS

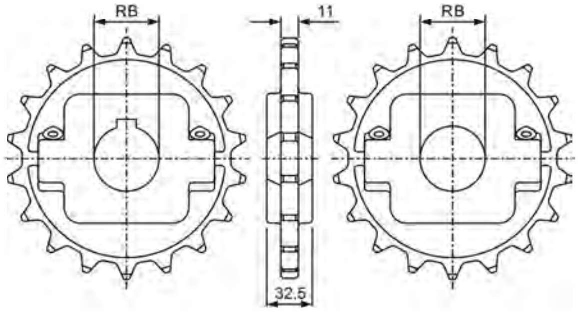
CHARACTERISTICS

N° Teeth Z actual	Z effective	Pitch Diam (mm)	Pitch Diam (inch)	Outside Diam (mm)	Outside Diam (inch)	HD (mm)	HD (inch)	Rb Size (mm)	Rb Size (inch)	H (mm)	H (inch)	Weight (kg)
15*	7½	91.63	3.61	99.8	3.9	70.00	2.76	14	0.55	35.00	1.38	1.26
17*	8½	103.67	4.08	111.5	4.4	80.00	3.15	16	0.63	35.00	1.38	1.67
19	9½	115.75	4.56	124.2	4.9	80.00	3.15	16	0.63	35.00	1.38	1.82
21	10½	127.82	5.03	136.0	5.4	90.00	3.54	20	0.79	40.00	1.57	2.48
23	11½	139.90	5.51	149.0	5.9	90.00	3.54	20	0.79	40.00	1.57	2.71
25	12½	152.00	5.98	160.0	6.3	90.00	3.54	20	0.79	40.00	1.57	2.91
27	13½	164.09	6.46	172.3	6.8	95.00	3.74	20	0.79	40.00	1.57	3.39
29	14½	176.19	6.94	184.1	7.2	95.00	3.74	20	0.79	40.00	1.57	3.68
31	15½	188.31	7.41	196.3	7.7	100.00	3.94	25	0.98	40.00	1.57	4.18

*Do not use with 1863-1873 and 1874 Series.

SPROCKET

Sprockets for HS-1050 / HS-1060 /HS-1060A-N /HS-1050TAB / HS-1060TAB / HS-880TAB-HD series



MOULDED SPLIT DRIVE AND IDLER SPROCKETS

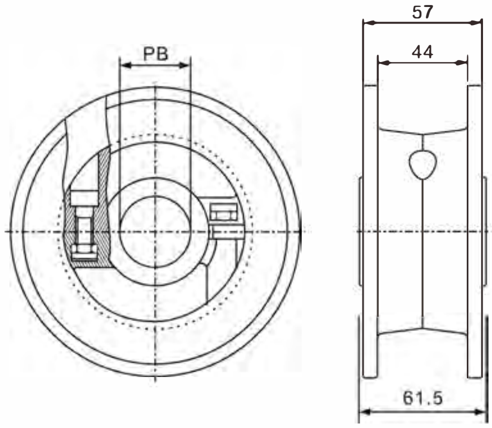
CHARACTERISTICS

N° Teeth Z	Pitch Diameter (mm)	Pitch Diameter (inch)	Outside Diam (mm)	Outside Diam (inch)	Bore Size (mm)	Bore Size (inch)	Weight (kg)
16	130.20	5.1	130.0	5.1	25		0.25
					30		0.24
					35		0.24
					40		0.23
					45		0.22
					50		0.21
						1	0.25
						1 3/16	0.24
						1 1/4	0.24
						1 3/8	0.24
						1 7/16	0.24
						1 1/2	0.23
18	146.27	5.8	147.6	5.8	25		0.29
					30		0.28
					35		0.28
					40		0.27
					45		0.27
					50		0.26
						1	0.29
						1 3/16	0.28
						1 1/4	0.28
						1 3/8	0.28
						1 7/16	0.28
						1 1/2	0.27
19	154.32	6.1	156.3	6.2	25		0.32
					30		0.32
					35		0.31
					40		0.31
					45		0.30
					50		0.29
						1	0.32
						1 3/16	0.32
						1 1/4	0.32
						1 3/8	0.31
						1 7/16	0.31
						1 1/2	0.31

BELT TECHNIK
GMBH

SPROCKET

Idler wheels for HS-1050 / HS1060 /HS-1050 T / HS-1060 T / HS-880TAB-HD series



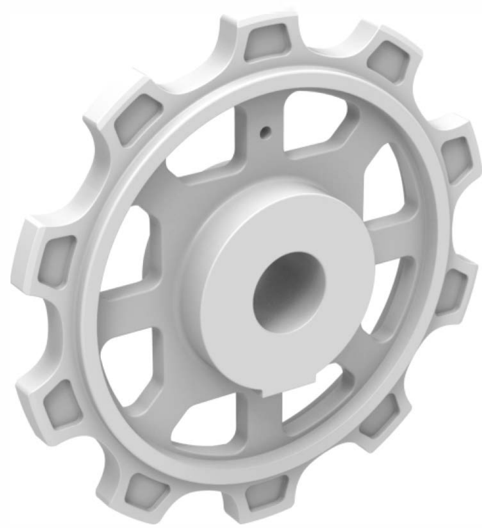
MOULDED SPLIT IDLER WHEELS

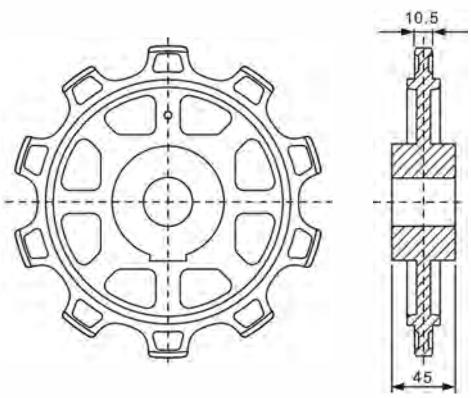
CHARACTERISTICS

N° Teeth Z equivalent	Outside Diam (mm)	Outside Diam (inch)	Pb Size (mm)	Pb Size (inch)	Weight (kg)
21	175	6.9	25		0.32
			30		0.33
			35		0.33
			40		0.34
			45		0.31
				1	0.33
				1 ¼	0.32
23	191	7.5	25		0.36
			30		0.36
			35		0.37
			40		0.38
			45		0.35
				1	0.36
				1 ¼	0.36
25	207	8.2	25		0.40
			30		0.40
			35		0.41
			40		0.42
			45		0.30
				1	0.40
				1 ¼	0.40

SPROCKET

Sprockets for HS-2600-O / HS-2600 TAB-O series





MOULDED SPLIT IDLER WHEELS

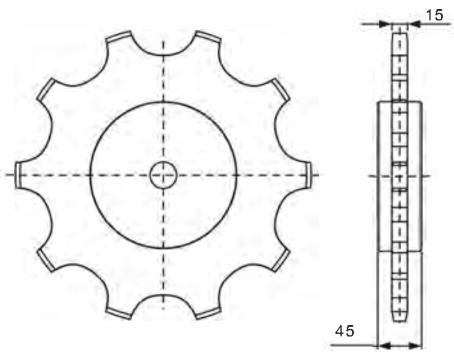
CHARACTERISTICS

N° Teeth Z equivalent	Pitch diameter (mm)	Pitch diameter (inch)	Outside diameter (mm)	Outside diameter (inch)	Bore (mm)
6	127.0	5.00	129.0	5.08	20~50
8	165.9	6.53	170.0	6.69	20~50
10	205.5	8.09	212.0	8.35	20~50
11	225.4	8.87	232.0	9.13	20~50
12	245.0	9.66	255.0	10.03	20~50
14	285.0	11.22	296.0	11.65	20~50

BELT TECHNIK
GMBH

SPROCKET

Sprockets for HS-2800-O / HS-2800 TAB-O series



MOULDED SPLIT IDLER WHEELS

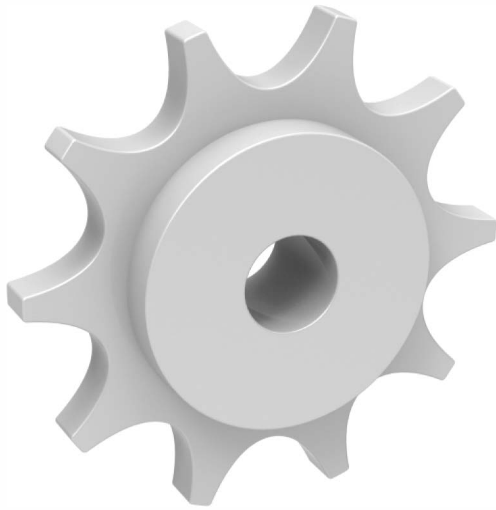
CHARACTERISTICS

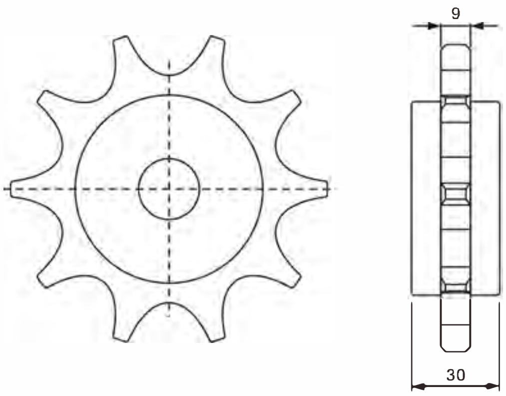
N° Teeth Z equivalent	Pitch diameter (mm)	(inch)	Outside diameter (mm)	(inch)	Hub diameter (mm)	Sq Bore (mm)	Rb Bore (mm)
8	215.6	8.49	230.0	9.06	45	--	35
10	267.0	10.51	272.0	10.71	45	40	35

BELT TECHNIK GMBH

SPROCKET

Sprockets for HS-F54 series





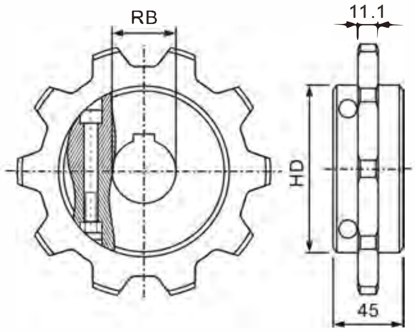
MOULDED SPLIT IDLER WHEELS

CHARACTERISTICS

N° Teeth Z equivalent	Pitch diameter (mm)	Pitch diameter (inch)	Outside diameter (mm)	Outside diameter (inch)	Hub diameter (mm)	Bore (mm)
9	92.3	3.63	98.0	3.86	55	20
10	102.2	4.02	107.2	4.22	65	20
12	122.0	4.80	126.8	4.99	75	20
20	202.6	7.98	208.0	8.19	85	20

SPROCKET

Sprockets for HS-1700 / HS-1700 T / HS-1701 / HS-1701T / HS-1702 / series



MOULDED SPLIT DRIVE AND IDLER SPROCKETS

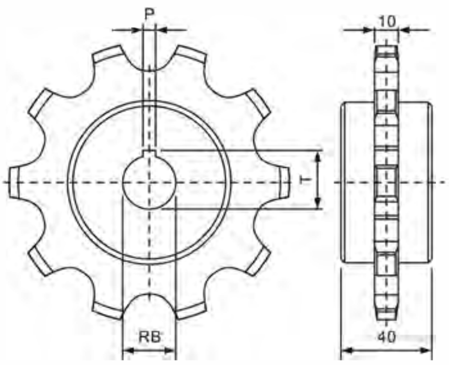
CHARACTERISTICS

N° Teeth Z actual	Z effective	Pitch Diam (mm)	Pitch Diam (inch)	Outside Diam (mm)	Outside Diam (inch)	HD (mm)	Rb Size (mm)	Rb Size (inch)	Weight (kg)
							25		0.31
							30		0.29
							35		0.28
8	4	130.66	5.14	132.3	5.2	80	40		0.27
								1	0.31
								1¼	0.29
								2½	0.27
							25		0.61
							30		0.60
							35		0.58
10	5	161.80	6.37	165.2	6.5	110	40		0.57
								1	0.61
								1½	0.57
								2	0.55
							25		0.78
							30		0.76
							35		0.75
12	6	193.19	7.61	198.0	7.8	130	40		0.73
								1	0.78
								1½	0.73
								2½	0.69
							25		0.80
							30		0.77
							35		0.76
13	6.5	208.93	8.23	214.2	8.4	150	40		0.74
								1	0.80
								1½	0.74
								2½	0.70

Note:Other bore sizes in imperial units are available, Sprockets made of cast iron on request.

SPROCKET

Sprockets for HS-114 series



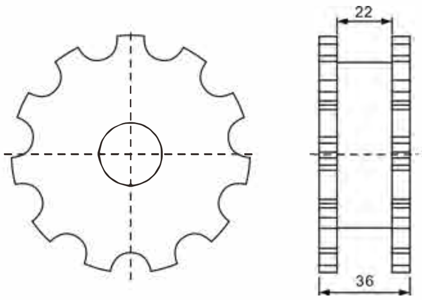
MOULDED SPLIT DRIVE WHEELS

CHARACTERISTICS							
N° Teeth Z equivalent	Pitch diameter (mm)	(inch)	Outside diameter (mm)	(inch)	RB (mm)	T (mm)	P (mm)
9	111.4	4.39	110.0	4.33	25	28.3	8
					30	33.3	8
					35	38.3	10
10	123.3	4.85	122.0	4.80	25	28.3	8
					30	33.3	8
					35	38.3	10
					40	43.3	12
11	135.2	5.32	135.4	5.33	25	28.3	8
					30	33.3	8
					35	38.3	10
					40	43.3	12
12	147.2	5.79	147.6	5.81	25	28.3	8
					30	33.3	8
					35	38.3	10
					40	43.3	12

BELT TECHNIK
GMBH

SPROCKET

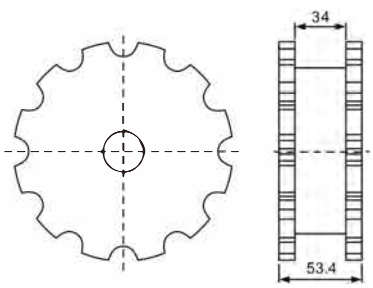
Sprockets for HS-7100-63 / HS-7100-70 series



MOULDED SPLIT DRIVE WHEELS

CHARACTERISTICS					
N° Teeth Z equivalent	Pitch diameter (mm)	(inch)	Outside diameter (mm)	(inch)	Bore (mm)
11	90.2	3.55	100.0	3.94	20/25/30
16	130.2	5.13	140.0	5.51	25/30/35

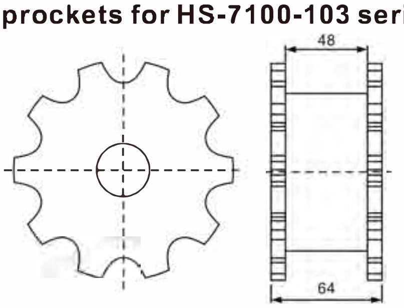
Sprockets for HS-7100-80 / HS-7100-83 / HS-7100-83 G1 / HS-7100-83 G3 series



MOULDED DRIVE WHEELS

CHARACTERISTICS					
N° Teeth Z equivalent	Pitch diameter (mm)	(inch)	Outside diameter (mm)	(inch)	Bore (mm)
9	97.9	3.85	100.0	3.94	20/25/30
12	129.0	5.08	135.0	5.31	25/30/35

Sprockets for HS-7100-103 series

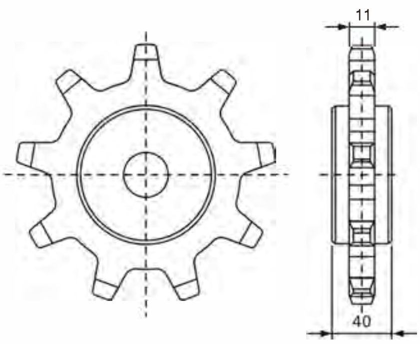


MOULDED SPLIT DRIVE WHEELS

CHARACTERISTICS					
N° Teeth Z equivalent	Pitch diameter (mm)	(inch)	Outside diameter (mm)	(inch)	Bore (mm)
9	103.8	4.09	106.0	4.17	20/25/30
10	114.9	4.52	120.0	4.72	20/25/30
12	137.2	5.40	145.0	5.71	25/30/35

SPROCKET

Sprockets for HS-83-EL / HS-83-3 / HS-7100-140 series



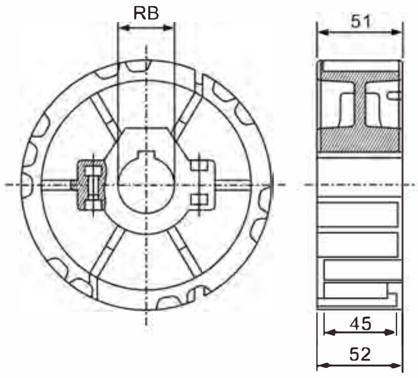
MOULDED SPLIT DRIVE WHEELS

CHARACTERISTICS					
N° Teeth Z equivalent	Pitch diameter (mm)	(inch)	Outside diameter (mm)	(inch)	Bore (mm)
9	109.8	4.32	115.0	4.53	20/25/30
11	133.3	5.24	138.0	5.43	20/25/30
13	156.9	6.17	166.0	6.53	25/30/35

BELT TECHNIK
GMBH

SPROCKET

Sprockets for HS-812 / HS-915 / HS-981M / HS-HD915 / HS-HD981M / HS-915-EL / HS-981M-EL series



MOULDED SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS

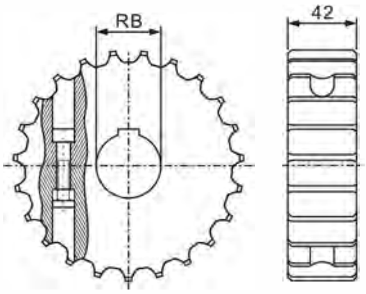
N° Teeth		Pitch Diam		Outside Diam		Rb Size		Weight
Z actual	Z effective	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(kg)
						25		
						30		
						35		
						40		
						45		
21	10.5	129.26	5.09	129.4	5.1		1	0.47
							1 3/16	
							1 1/4	
							1 7/16	
							1 1/2	
							1 5/8	
						25		
						30		
						35		
						40		
						45		
23	11.5	141.22	5.56	141.9	5.6		1	0.53
							1 3/16	
							1 1/4	
							1 7/16	
							1 1/2	
							1 5/8	
						25		
						30		
						35		
						40		
						45		
25	12.5	153.20	5.56	151.5	6.0		1	0.60
							1 3/16	
							1 1/4	
							1 7/16	
							1 1/2	
							1 5/8	

Note:Sprockets made of steel or cast iron on request

BELT TECHNIK GMBH

SPROCKET

Sprockets for HS-812 / HS-915 / HS-981M / HS-HD915 / HS-HD981M / HS-915-EL / HS-981M-EL series



MOULDED SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS

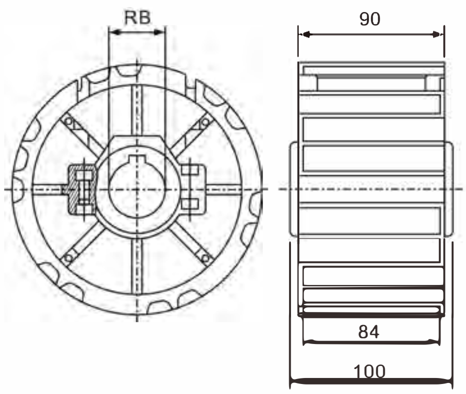
N° Teeth Z actual	N° Teeth Z effective	Pitch Diam (mm)	Pitch Diam (inch)	Outside Diam (mm)	Outside Diam (inch)	Rb Size (mm)	Rb Size (inch)	Weight (kg)
17	8.5	105.47	4.15	104.4	4.1	25		0.36
						30		0.35
						35		0.34
						40		0.32
							1	0.37
							1¼	0.34
							1½	0.31
19	9.5	117.34	4.62	117.0	4.0	25		0.46
						30		0.45
						35		0.44
						40		0.43
							1	0.47
							1 7/16	0.45
							1 15/16	0.42
21	10.5	129.26	5.09	129.4	5.1	25		0.56
						30		0.55
						35		0.54
						40		0.52
							1	0.57
							1½	0.51
							2	0.50
23	11.5	141.22	5.56	141.9	5.6	25		0.68
						30		0.67
						35		0.65
						40		0.64
							1	0.67
							1½	0.63
							2	0.60
25	12.5	153.2	6.03	154.2	6.1	25		0.80
						30		0.80
						35		0.77
						40		0.76
							1	0.79
							1½	0.75
							2½	0.82

Note:Sprockets with 27 teeth also available, Other bore sizes in imperial units are available.

BELT TECHNIK
GMBH

SPROCKET

Sprockets for HS-2815 / HS-2815-EL series



MOULDED SPLIT DRIVE AND IDLER SPROCKETS

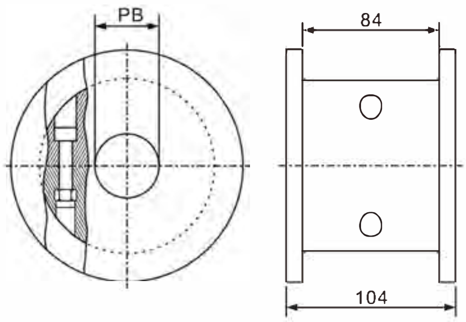
CHARACTERISTICS

N° Teeth Z actual	Z effective	Pitch Diam (mm)	Pitch Diam (inch)	Outside Diam (mm)	Outside Diam (inch)	Rb Size (mm)	Rb Size (inch)	Weight (kg)
25	12.5	153.20	6.03	154.2	6.1	30		0.99
						35		
						40		
						45		
							1 3/16	
							1 1/4	
							1 7/16	
							1 1/2	
							1 5/8	

Note:Sprockets made of cast iron on request

SPROCKET

Idler wheels for HS-2815 / HS-2815-EL series



MOULDED SPLIT IDLER WHEELS

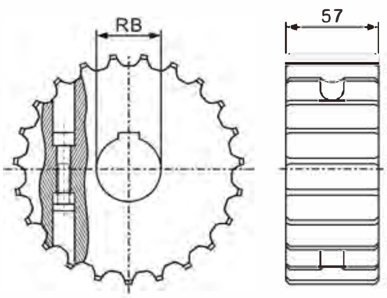
CHARACTERISTICS					
N° Teeth Z equivalent	Outside Diam (mm)	Outside Diam (inch)	Rb Size (mm)	Rb Size (inch)	Weight (kg)
19	118.0	4.6	25		0.91
			30		0.86
			35		0.83
			40		0.81
				1	0.90
				1 7/16	0.82
				1 3/4	0.80
21	129.8	5.1	25		1.12
			30		1.10
			35		1.08
			40		1.05
				1	1.12
				1 1/2	1.05
				2	1.03
23	142.3	5.6	25		1.39
			30		1.37
			35		1.36
			40		1.34
				1	1.38
				1 1/2	1.34
				2	1.30
25	154.7	6.1	25		1.68
			30		1.65
			35		1.62
			40		1.58
				1	1.67
				1 1/2	1.58
				2 1/2	1.54

Note:Other bore sizes in imperial units are available.

BELT TECHNIK
GMBH

SPROCKET

Sprockets for HS-9157 / HS-HD9157M / HS-HD9157-EL / HS-HD9857M-EL series



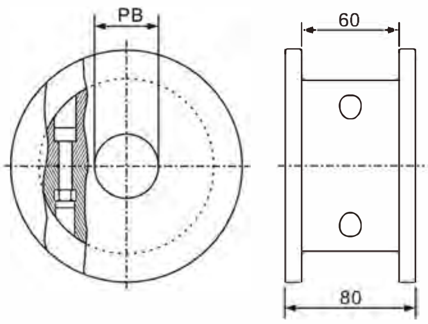
MOULDED SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS

N° Teeth Z actual	Z effective	Pitch Diam (mm)	Pitch Diam (inch)	Outside Diam (mm)	Outside Diam (inch)	Rb Size (mm)	Rb Size (inch)	Weight (kg)
						25		0.68
						30		0.66
						35		0.64
19	9.5	117.34	4.62	117.0	4.6	40		0.63
							1	0.68
							1 7/16	0.64
							1 15/16	0.62
						25		0.83
						30		0.81
						35		0.79
21	10.5	129.26	5.09	129.4	5.1	40		0.78
							1	0.82
							1½	0.78
							2	0.74
						25		0.99
						30		0.98
						35		0.96
23	11.5	141.22	5.56	141.9	5.6	40		0.94
							1	0.99
							1½	0.94
							2	0.92
						25		1.17
						30		1.16
						35		1.14
25	12.5	153.20	6.03	154.2	6.1	40		1.12
							1	1.16
							1½	1.12
							2½	1.05
						25		1.37
						30		1.35
						35		1.33
27	13.5	165.21	6.50	166.4	6.6	40		1.32
							1	1.37
							1½	1.32
							2½	1.29

SPROCKET

Idler wheels for HS-9157 / HS-881T / HS-981T / HS-HD9857M / HS-982T / HS-HD9157-EL / HS-981T-EL / HS-HD9857M-EL series



MOULDED SPLIT IDLER WHEELS

CHARACTERISTICS

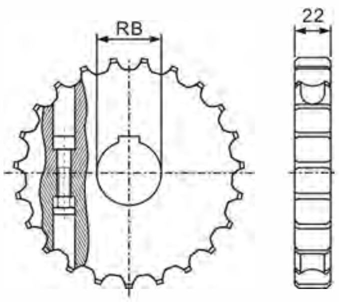
N° Teeth Z equivalent	Outside Diam (mm)	Outside Diam (inch)	Rb Size (mm)	Rb Size (inch)	Weight (kg)
17	106.5	4.2	25		0.44
			30		0.42
			35		0.39
			40		0.37
				1	0.44
				1¼	0.42
				1½	0.36
19	118.0	4.6	25		0.58
			30		0.56
			35		0.54
			40		0.51
				1	0.58
				1 7/16	0.54
				1¾	0.50
21	129.8	5.1	25		0.75
			30		0.73
			35		0.71
			40		0.68
				1	0.75
				1½	0.68
				2	0.65
23	142.3	5.6	25		0.94
			30		0.92
			35		0.90
			40		0.87
				1	0.94
				1½	0.87
				2	0.84
25	154.7	6.1	25		1.16
			30		1.14
			35		1.11
			40		1.09
				1	1.16
				1½	1.09
				2½	1.04

Note:Other bore sizes in imperial units are available.

BELT TECHNIK GMBH

SPROCKET

Sprockets for HS-803 series



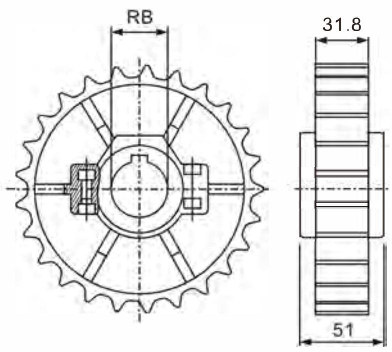
MOULDED SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS

N° Teeth Z actual	Z effective	Pitch Diam (mm)	Pitch Diam (inch)	Outside Diam (mm)	Outside Diam (inch)	Rb Size (mm)	Rb Size (inch)	Weight (kg)
17	8.5	105.47	4.15	104.4	4.1	25		0.21
						30		0.21
						35		0.20
						40		0.19
							1	0.21
							1 1/4	0.20
							1 1/2	0.19
19	9.5	117.34	4.62	117.0	4.6	25		0.26
						30		0.26
						35		0.25
						40		0.24
							1	0.26
							1 7/16	0.25
							1 15/16	0.23
21	10.5	129.26	5.09	129.4	5.1	25		0.32
						30		0.32
						35		0.31
						40		0.30
							1	0.32
							1 1/2	0.30
							2	0.39
23	11.5	141.22	5.56	141.9	5.6	25		0.39
						30		0.38
						35		0.37
						40		0.37
							1	0.39
							1 1/2	0.37
							2	0.36
25	12.5	153.20	6.03	154.2	6.1	25		0.45
						30		0.45
						35		0.44
						40		0.44
							1	0.45
							1 1/2	0.44
							2 1/2	0.42

SPROCKET

Sprockets for HS-881 / HS-881T / HS-981 / HS-981T / HS-982T / HS-981T-EL / HS-803 series



MOULDED SPLIT DRIVE AND IDLER SPROCKETS

CHARACTERISTICS

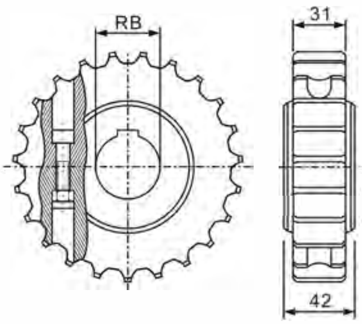
N° Teeth Z actual	Z effective	Pitch Diam (mm)	Pitch Diam (inch)	Outside Diam (mm)	Outside Diam (inch)	Rb Size (mm)	Rb Size (inch)	Weight (kg)
21	10.5	129.26	5.09	130.0	5.1	25		0.40
						30		
						35		
						40		
						45		
							1	
							1 3/16	
							1 1/4	
							1 7/16	
							1 1/2	
							1 5/8	
23	11.5	141.20	5.56	141.9	5.6	25		0.45
						30		
						35		
						40		
						45		
							1	
							1 3/16	
							1 1/4	
							1 7/16	
							1 1/2	
							1 5/8	
25	12.5	153.20	6.03	151.0	6.0	25		0.50
						30		
						35		
						40		
						45		
							1	
							1 3/16	
							1 1/4	
							1 7/16	
							1 1/2	
							1 5/8	

Note:Sprockets made of steel or cast iron on request

BELT TECHNIK GMBH

SPROCKET

Sprockets for HS-881 / HS-881T / HS-981 / HS-981T / HS-982T / HS-981T-EL series



MOULDED SPLIT DRIVE AND IDLER SPROCKETS

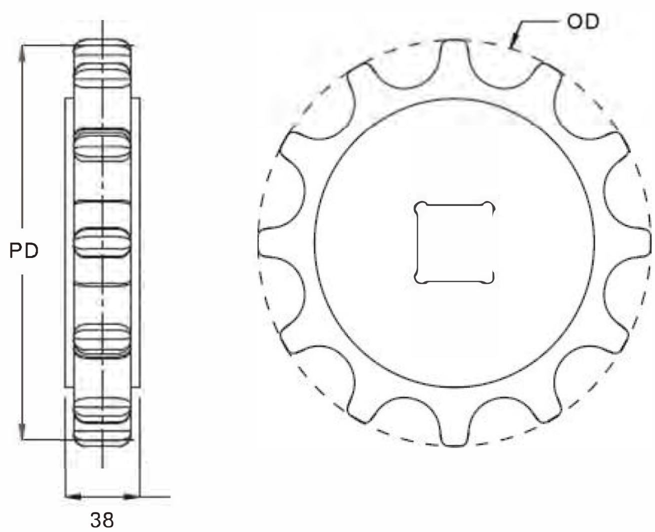
CHARACTERISTICS

N° Teeth		Pitch Diam		Outside Diam		Rb Size		Weight
Z actual	Z effective	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(kg)
						25		0.31
						30		0.29
						35		0.28
17	8.5	105.47	4.15	104.4	4.1	40		0.26
							1	0.31
							1¼	0.29
							1½	0.26
						25		0.41
						30		0.39
						35		0.38
19	9.5	117.34	4.62	117.0	4.6	40		0.36
							1	0.41
							1 7/16	0.38
							1 15/16	0.34
						25		0.47
						30		0.45
						35		0.44
21	10.5	129.26	5.09	129.4	5.1	40		0.42
							1	0.47
							1½	0.42
							2	0.39
						25		0.57
						30		0.55
						35		0.54
23	11.5	141.22	5.56	141.9	5.6	40		0.52
							1	0.57
							1½	0.52
							2	0.50
						25		0.68
						30		0.67
						35		0.65
25	12.5	153.20	6.03	154.2	6.1	40		0.64
							1	0.68
							1½	0.64
							2½	0.60

Note:Sprockets with 27 teeth also available, Other bore sizes in imperial units are available.

SPROCKET

Sprockets for HS-F3000A / HS-F3000A-TAB / HS-F3000B / HS-F3000B-TAB series



MOULDED DRIVE AND IDLER SPROCKETS

CHARACTERISTICS

N° Teeth Z actual	Pitch Diam (mm)	Pitch Diam (inch)	Outside Diam (mm)	Outside Diam (inch)	Sq Size (mm)	Sq Size (inch)	Rb Size (mm)	Rb Size (inch)	Weight (kg)
10	165.0	6.5	170.0	6.7	38.1	1.50	45.5	--	0.99
					40.0				
12	196.0	7.7	203.0	8.0	38.1	1.50	36.5	--	1.18
					40.0				

Note:Sprockets made of cast iron on request

BELT TECHNIK
GMBH

Technical Information

Conversion rule of system international (SI)

Unit before conversion SI (metric system)	System international (SI)	Divided by conversion ratio	Unit after conversion
Length			
米	m	0.3048	ft
厘米	cm	30.48	ft
毫米	mm	304.8	ft
米	m	0.0254	inch
厘米	cm	2.54	inch
毫米	mm	25.4	inch
米	m	1609.34	mile
千米	km	1.60934	mile
米	m	0.9144	yd
quality			
克	g	28.3495	oz
千克	kg	0.0283495	oz
千克	kg	0.45359	lb
Velocity			
米/分钟		0.00508	ft/h
米/小时		0.3048	ft/h
米/分钟		0.3048	ft/min
米/秒	m/s	0.00508	ft/min
米/分钟		18.288	ft/s
米/秒	m/s	0.3048	ft/s
Strenght&Strength /Length			
牛	N	9.80665	kgf
牛	N	4448.22	kip
牛	N	0.27801	ozf
牛	N	4.44822	lbf
牛/米	N/m	175.1268	lb/inch
牛/米	N/m	14.5939	lb/ft

Reference value of service temperature

Material	Symbol	Minimum temperature	Maximum temperature Dry running	Material use
Length				
Carbon steel	C45	-70°	+180°	Metal link plate and roller chain
Ferritic stainless steel	Standard	-30°	+400°	Metal link plate
Extra Plus stainless steel	Extra Plus	-30°	+400°	Metal link plate
Austenitic stainless steel	Austic	-30°	+400°	Metal link plate and roller chain
Acetal resin	D,W	-40°	+80°	Metal link plate
Low-friction acetal resin	LF,LFW,LFG	-40°	+80°	Plastic Chains belt
High-friction acetal resin	XPG	-40°	+80°	Plastic Chains belt
New material	NG	-40°	+120°	Plastic Chains belt
Anti-electrostatic acetal resin	AS	-40°	+80°	Plastic Chains belt
High-temperature resistant material	HT	-40°	+120°‹200	Plastic Chains belt
Special chemical resistance material	CR	-10°	+100°	Plastic Chains belt
High wear-resistant material	AR	-10°	+100°	Plastic Chains belt
Acrylonitrile-butadiene rubber	NBR	-40°	+110°	Rubber pad and rubber chuck
EPDM rubber	EPDM	-40°	+80°	Rubber pad and rubber chuck
Polyamide	PA	-10°	+80°	Chain wheel and driven wheel
Reinforced polyamide	PA.FV	-20°	+120°	Chain wheel and driven wheel
Polypropylene	PP	-5°	+100°	Chain wheel and driven wheel
Reinforced polypropylene	PP.FV	-10°	+110°	Chain wheel and driven wheel
Polyethylene	PE	-40°	+80°	Chain wheel and driven wheel

Cast nylon MC

Good comprehensive performance, high strength, stiffness & hardness, excellent resistance of creep, wear, heat and aging (applicable temperature range - 40℃~ 120℃), and good mechanical processing performance. Widely replace wear parts of mechanical equipment, such as copper and alloy parts.

polytetrafluoroethylene PTFE

Commonly known as the king of plastic, F4 and teflon, it is made of suspension PTFE resin which is molded and pressed. It can be made into plank, car pass and tube. The model can be made through pressing and pulling. And it can also be mixed with graphite to be made into plate, rod, root, rope and raw material belt.

ultra-high molecular weight polyethylene UHMWPE

Good resistance to impact (ranking first among all plastics), corrosion resistance and chemical resistance, lower density than other thermoplastics, low wearing coefficient and water imbibition, superior demoulding performance, extremely low water imbibition, good electrical insulation & antistatic property, moderate mechanical strength, good creep resistance, excellent mechanical processing performance, continuous naturality, high-energy radiation resistance.

Polyoxymethylene POM

High strength, stiffness & hardness, excellent elasticity; good creep resistance; high impact strength even at low temperature; good dimensional stability; good slipping performance, wear resistance; excellent mechanical performance; physiological inert, suitable for direct contact with food.
Mainly used for all kinds of sliding and rotation machinery parts, such as gear, pulley, sprocket, roller bearing and bearing ring.

Polyamide PA

- High strength, stiffness, hardness & toughness
- Excellent aging resistance and mechanical vibration reduction capability
- Good sliding capacity, wear resistance and mechanical processing performance

Instead of metals such as copper, PA is widely used in manufacturing bearing, gear, pump and other parts in mechanical, chemical, instrumentation and automobile industries. It has a large variety, including PA6, PA66, PA11, PA12, etc. The most commonly used PA66 nylon is a kind of "universal" material, applied in manufacturing mechanical structure parts and maintainable parts.

Acrylonitrile butadiene Styrene copolymers ABS

ABS resin is the most widely used polymer with the largest volume of production. It combines the various good performances of PS, SAN and BS and has good mechanical property of phase equilibrium with toughness, hardness and stiffness. ABS is a terpolymer of acrylonitrile, butadiene and styrene. A represents acrylonitrile, B butadiene and S styrene.
Widely used in the automobile, electrical instrumentation and mechanical industries, it is usually made into gear, auto parts, fender, armrest, refrigerator liner, blade, bearing, handle, pipes, joint, instrument shell, dashboard, basin safety helmet, etc.

Polyetheretherketone PEEK

PEEK is high polymer of which the main chain structure contains a ketone bond and two ethe bonds. It belongs to the special polymer materials. It is a kind of first-class crystalline polymer materials with high temperature resistance, chemical corrosion resistance and other physical and chemical properties. The melting point is 334 ℃, softening point 168 ℃, and tensile strength 132 ~ 148 Mpa. In place of the traditional materials such as metal and ceramic, it is mainly used in the manufacture of compressor valve plates, piston rings, seals, etc.

polyurethane PU

CPU is the abbreviation of Polyurethane, and different density, elasticity, rigidity and other physical properties can be obtained by simply modifying the formula. With good thermoplasticity and spinnability, it can be made into plastic and fiber. PU composite plate gets good heat insulation, heat preservation and flame retardant effects.
It is greatly used to replace glass fiber insulation materials, timber, traditional rubber products, etc.

Polyethylene terephthalate PET

PEL, an engineering plastic material, is made of crystalline thermoplastic polyester with high strength, stiffness & hardness, and toughness, low friction coefficient and good dimensional stability.
The applicable temperature range is - 40℃~ +110℃,
Mainly used for high load sliding bearing parts, shell covers and complex parts in accurate size.

Physical performance indicators of ordinary engineering plastic products (for reference)

Performance			Extruded nylon Pa6	Extruded nylon Pa66	Extruded nylon Pa66-C	Extruded nylon Pa4.6	Extruded nylon Pa66+30% Glass fiber	Cast nylon MC
Color	–	–	Natural color White, Black	Natural color White, Black	Natural color White	Red brown	Black	Natural color Ivory white Black
Density	1183	g/cm³	1.14	1.14	1.14	1.18	1.29	1.15
Water imbibition:								
	62	mg	68/168	40/72	65/120	90/180	30/56	44/83
Immersing in 23℃ water for 24 hours / 96 hours	62	%	0.69/1.31					
In the 23℃ / 50% RH air	–	%	2.6	2.4	2.5	2.8	1.7	2.2
Soaking in 23℃ water	–	% 6.5	9	8	8.5	9.5	5.5	
Thermal performance								
Melting point	–	℃	220	225	240	295	255	220
Vitrification temperature	–	℃	–	–	–	–	–	–
Thermal conductivity at 23℃	–	W/(k.m)	0.28	0.28	0.28	0.30	0.30	0.29
Coefficient of linear thermal expansion:								
The average between 23-100℃	–	m/(m.k)	$95X10^{-6}$	$80X10^{-6}$	$85X10^{-6}$	$80X10^{-6}$	$50X10^{-6}$	$80X10^{-6}$
The average between 23-150℃	–	m/(m.k)	$105X10^{-6}$	$95X10^{-6}$	$100X10^{-6}$	$90X10^{-6}$	$60X10^{-6}$	$90X10^{-6}$
hermal deformation temperature:								
Method A: 18Mpa +	75	℃	70	85	75	160	150	80
Allowable operating temperature in the air:								
Short time	–	℃	160	180	170	200	240	170
Continuous work: 5000/20000	–	℃	85/70	95/80	90/97	155/135	120/110	105/90
Minimum operating temperature			-40	-30	-30	-40	-20	-30
Flammability:								
"Oxygen index"	4589	%	25	25	24	24	–	25
According to the UL 94 (thickness in 3/6)	–	–	HB/HB	HB/HB	HB/HB	HB/HB	HB/HB	HB/HB
Mechanical performance in 23℃								
Stress test:								
Bending tensile stress/Broken tensile stress +	527	Mpa	76/-	90/-	86/-	100/-	-/100	85/-
++	527	Mpa	45/-	55/-	50/-	55/-	-/75	55/-
Breaking tensile strain +	527	%	>50	>40	>50	25	5	25
++	527	%	>100	>100	>100	>100	12	>50
Modulus of elasticity for tension +	527	Mpa	3250	3450	3300	3300	5900	3500
++	527	Mpa	1400	1650	1450	1300	3200	1700
Compression test:								
1/2/5% normal strain compression capability +	604	Mpa	24/46/80	25/49/92	24/47/88	23/45/94	28/55/90	26/51/92
Creep-resistance tensile test								
1% of strain to stress (1000h) +	899	Mpa	18	20	19	22	26	22
++	899	Mpa	7	8	7.5	7.5	18	10
Pendulum impact test----Unnotched +	179/1eu	Kj/m²	no break	no break	no break	no break	≥50	no break
Pendulum impact test----Notched +	179/1eA	Kj/m²	5.5	4.5	5	8	6	35
Ball indentation hardness +	2039-1	N/mm²	150	160	155	165	165	160
Rockwell hardness +	2039-2	–	M85	M88	M87	M92	M76	M88
Electrical performance at 23℃								
Dielectric strength +	(243)	Kv/mm	25	26	26	25	30	25
++	(243)	Kv/mm	16	18	17	15	20	17
Volume resistance +	(93)	Ohm.cm	$>10^{14}$	$>10^{14}$	$>10^{14}$	$>10^{14}$	$>10^{14}$	$>10^{14}$
++	(93)	Ohm.cm	$>10^{12}$	$>10^{12}$	$>10^{12}$	$>10^{12}$	$>10^{12}$	$>10^{12}$
Surface resistance +	(93)	Ohm	$>10^{13}$	$>10^{13}$	$>10^{13}$	$>10^{13}$	$>10^{13}$	$>10^{13}$
++	(93)	Ohm	$>10^{12}$	$>10^{12}$	$>10^{12}$	$>10^{12}$	$>10^{12}$	$>10^{12}$
Relative dielectric constant -100M HZ +	(250)	–	3.9	3.8	3.8	3.8	3.9	3.6
++	(250)	–	7.4	7.4	7.4	7.4	6.9	6.6
+	(250)	–	3.3	3.3	3.3	3.4	3.6	3.2
-1M HZ ++	(250)	–	3.8	3.8	3.8	3.8	3.9	3.7
Dielectric demand constant -100M HZ +	(250)	–	0.019	0.013	0.013	0.009	0.012	0.012
++	(250)	–	0.13	0.13	0.13	0.13	0.19	0.14
-1M HZ +	(250)	–	0.021	0.020	0.020	0.019	0.014	0.016
++	(250)	–	0.06	0.06	0.06	0.06	0.04	0.05
Comparative tracking index (CTI) +	(112)	–	600	600	600	400	475	600
++	(112)	–	600	600	600	400	475	600

HONG'S BELT®
High-Quality Chains Belt

Performance	Cast nylon Pa6	Cast nylon MC+ Oil	Cast nylon MC	Cast nylon Pa6 + Molybdenum disulfide	Cast nylon Pa6 +Solid lubricant	Cast nylon Pa66 + Molybdenum disulfide	Polyoxymethylene POM-C	Polyoxymethylene POM-H	Polyoxymethylene POM-H-TF	Polyethylene terephthalate PET	PET+ Solid lubricant	Polycarbonate PC
Color	Black	Green	Blue	Grey black	Grey	Grey black	Natural color White, Black	Natural color White, Black	Dark brown	Natural color Clear and translucent	Grey	Natural color Clear and translucent
Density	1.15	1.135	1.15	1.16	1.15	1.15	1.41	1.43	1.50	1.39	1.44	1.20
Water imbibition:												
	47/89	44/83	49/93	52/98	40/76	46/85	20/37	18/36	16/32	6/13	5/11	13/23
Immersing in 23℃ water for 24 hours / 96 hours	0.69/1.31	0.66/1.24	0.72/1.37	0.76/1.43	0.59/1.12	0.68/1.25	0.24/0.45	0.21/0.43	0.18/0.36	0.07/0.16	0.06/0.13	0.18/0.33
In the 23℃ / 50% RH air	2.2	2	2.3	2.4	2	2.3	0.20	0.20	0.17	0.25	0.23	0.15
Soaking in 23℃ water	6.5	6.3	6.6	6.7	6.3	7.8	0.85	0.85	0.72	0.50	0.47	0.35
Thermal performance												
Melting point	220	220	220	220	220	225	165	175	175	225	225	–
Vitrification temperature	–	–	–	–	–	–	–	–	–	–	–	150
Thermal conductivity at 23℃	0.29	0.28	0.29	0.30	0.29	0.29	0.31	0.31	0.31	0.29	0.29	0.21
Coefficient of linear thermal expansion:												
The average between 23-100℃	$80X10^{-6}$	$80X10^{-6}$	$80X10^{-6}$	$80X10^{-6}$	$80X10^{-6}$	$80X10^{-6}$	$110X10^{-6}$	$95X10^{-6}$	$105X10^{-6}$	$65X10^{-6}$	$65X10^{-6}$	$65X10^{-6}$
The average between 23-150℃	$90X10^{-6}$	$90X10^{-6}$	$90X10^{-6}$	$90X10^{-6}$	$90X10^{-6}$	$90X10^{-6}$	$125X10^{-6}$	$110X10^{-6}$	$125X10^{-6}$	$80X10^{-6}$	$85X10^{-6}$	$65X10^{-6}$
hermal deformation temperature:												
Method A: 18Mpa +	80	75	80	80	75	85	105	115	105	75	75	130
Allowable operating temperature in the air:												
Short time	180	165	170	170	165	180	140	150	150	160	160	135
Continuous work: 5000/20000	120/105	105/90	105/90	105/90	105/90	95/80	115/100	105/90	105/90	115/100	115/100	125/115
Minimum operating temperature	-30	-20	-30	-30	-30	-20	-50	-50	-20	-20	-20	-60
Flammability:												
"Oxygen index"	25	–	25	25	–	26	15	15	–	25	25	25
According to the UL 94 (thickness in 3/6)	HB/HB	HB/HB	HB/HB	HB/HB	HB/HB	HB/HB	HB/HB	HB/HB	HB/HB	HB/HB	HB/HB	HB/HB
Mechanical performance in 23℃												
Stress test:												
Bending tensile stress/Broken tensile stress +	83/-	70/-	81/-	78/-	76/-	92/-	68/-	78/-	-/55	90/-	-/76	70/-
++	55/-	45/-	50/-	50/-	50/-	55/-	68/-	78/-	-/55	90/-	-/76	70/-
Breaking tensile strain +	25	25	35	25	25	20	35	35	10	15	7	>50
++	>50	>50	>50	>50	>50	>50	35	35	10	15	7	>50
Modulus of elasticity for tension +	3400	3000	3200	3300	3100	3500	3100	3600	3200	3700	3450	2400
++	1650	1450	1550	1600	1500	1675	3100	3600	3200	3700	3450	2400
Compression test:												
1/2/5% normal strain compression capability +	26/51/92	22/43/79	24/47/88	25/49/88	23/44/81	25/49/92	19/35/67	22/40/75	20/37/69	26/51/103	24/47/95	18/35/75
Creep-resistance tensile test												
1% of strain to stress (1000h) +	22	18	21	21	18	21	13	15	13	26	23	17
++	10	8	9	9	8	9	13	15	13	26	23	17
Pendulum impact test----Unnotched +	no break	≥50	no break	no break	≥100	no break	≥200	≥150	≥30	≥50	≥30	no break
Pendulum impact test----Notched +	35	4	3.5	3.5	4	4	7	10	3	2	2.5	9
Ball indentation hardness +	165	145	160	160	150	165	140	160	140	170	160	120
Rockwell hardness +	M87	M82	M85	M84	M81	M88	M84	M88	M84	M96	M94	M75
Electrical performance at 23℃												
Dielectric strength +	29	22	25	24	25	26	20	20	20	22	21	28
++	19	14	17	16	17	16	20	>10	20	22	21	28
Volume resistance +	$>10^{14}$	$>10^{14}$	$>10^{14}$	$>10^{14}$	$>10^{14}$	$>10^{14}$	$>10^{14}$	$>10^{14}$	$>10^{14}$	$>10^{15}$	$>10^{15}$	$>10^{15}$
++	$>10^{12}$	$>10^{12}$	$>10^{12}$	$>10^{12}$	$>10^{12}$	$>10^{12}$	$>10^{14}$	$>10^{14}$	$>10^{14}$	$>10^{15}$	$>10^{15}$	$>10^{15}$
Surface resistance +	$>10^{13}$	$>10^{13}$	$>10^{13}$	$>10^{13}$	$>10^{13}$	$>10^{13}$	$>10^{13}$	$>10^{13}$	$>10^{13}$	$>10^{14}$	$>10^{14}$	$>10^{15}$
++	$>10^{12}$	$>10^{12}$	$>10^{12}$	$>10^{12}$	$>10^{12}$	$>10^{12}$	$>10^{13}$	$>10^{13}$	$>10^{13}$	$>10^{14}$	$>10^{14}$	$>10^{15}$
Relative dielectric constant -100M HZ +	3.6	3.5	3.6	3.6	3.6	3.8	3.8	3.8	3.6	3.4	3.4	3
++	6.6	6.5	6.6	6.6	6.6	7.4	3.8	3.8	3.6	3.4	3.4	3
+	3.2	3.1	3.2	3.2	3.2	3.3	3.8	3.8	3.6	3.2	3.2	3
-1M HZ ++	3.7	3.6	3.7	3.7	3.7	3.8	3.8	3.8	3.6	3.2	3.2	3
Dielectric demand constant -100M HZ +	0.015	0.015	0.012	0.012	0.012	0.013	0.003	0.003	0.003	0.001	0.001	0.001
++	0.15	0.15	0.14	0.14	0.14	0.13	0.003	0.003	0.003	0.001	0.001	0.001
-1M HZ +	0.017	0.016	0.016	0.016	0.016	0.020	0.008	0.008	0.008	0.014	0.014	0.008
++	0.05	0.05	0.05	0.05	0.05	0.06	0.008	0.008	0.008	0.014	0.014	0.008
Comparative tracking index (CTI) +	600	600	600	600	600	600	600	600	600	600	600	350(225)
++	600	600	600	600	600	600	600	600	600	600	600	350(225)

Physical performance indicators of advanced engineering plastics products

Performance	Test method	Unit	Polybenzi-midazole PBI	Polyamide-imide PAI	Polyamide-imide PAI+PTFE	Polyamide-imide PAI+30% glass fiber	Polyethere-therketone PEEK	Polyethere-therketone PEEK-HPV
Color	–	–	Black	Natural color Yellow brown	Black	Black	Natural color Brown grey Black	Black
Density	1183	g/cm³	1.41	1.45	1.61	1.45	1.31	1.45
Water imbibition:								
Immersing in 23℃ water for 24 hours / 96 hours	62	%	0.50/1.06	0.29/-	0.21/-	0.18/-	0.06/0.12	0.05/0.11
In the 23℃ / 50% RH air	–	%	–	2.5	1.9	1.7	0.20	0.14
Soaking in 23℃ water	–	%	14	4.5	3.5	3.0	0.45	0.30
Thermal performance								
Melting point	–	℃	NA	NA	NA	NA	340	340
Vitrification temperature	–	℃	425	285	285	285	–	–
Thermal conductivity at 23℃	–	W/(k.m)	0.40	0.26	0.54	0.36	0.25	0.24
Coefficient of linear thermal expansion:								
The average between 23-100℃	–	m/(m.k)	$25X10^{-6}$	$30X10^{-6}$	$25X10^{-6}$	$25X10^{-6}$	$50X10^{-6}$	$30X10^{-6}$
The average between 23-150℃	–	m/(m.k)	$25X10^{-6}$	$30X10^{-6}$	$25X10^{-6}$	$25X10^{-6}$	$50X10^{-6}$	$30X10^{-6}$
Averagr above 150℃	–	m/(m.k)	$25X10^{-6}$	$30X10^{-6}$	$25X10^{-6}$	$25X10^{-6}$	$110X10^{-6}$	$65X10^{-6}$
hermal deformation temperature:								
Method A: 18Mpa	75	℃	425	280	280	280	160	195
Allowable operating temperature in the air:								
Short time	–	℃	500	270	270	270	310	310
Continuous work: at least 20000	–	℃	310	250	250	250	250	250
Flammability:								
"Oxygen index"	4589	%	58	45	44	50	35	43
According to the UL 94 (thickness in 3/6)	–	–	V-0/V-0	V-0/V-0	V-0/V-0	V-0/V-0	V-0/V-0	V-0/V-0
Mechanical performance in 23℃								
Stress test:								
Bending tensile stress/Broken tensile stress	527	Mpa	-/160	120/-	-/80	-/95	110/-	-/75
Breaking tensile strain	527	%	3	10	5	3	20	5
Modulus of elasticity for tension	527	Mpa	5800	4500	5800	6000	4400	5900
Compression test:								
1% normal strain compression capability	604	Mpa	42	27	31	–	29	34
2% normal strain compression capability	604	Mpa	82	53	58	–	57	67
Pendulum impact test----Unnotched	179/1eu	Kj/m²	–	no break	–	–	no break	25
Pendulum impact test----Notched	179/1eA	Kj/m²	3.5	10	4	3.5	3.5	2.5
Ball indentation hardness	2039-1	N/mm²	375	200	200	–	230	215
Rockwell hardness	2039-2	–	E104	E79	M105	M77	M105	M85
Electrical performance at 23℃								
Dielectric strength	(243)	Kv/mm	22	24	–	28	24	–
Volume resistance	(93)	Ohm.cm	10^{14}	10^{17}	10^{15}	10^{17}	10^{16}	–
Surface resistance	(93)	Ohm	$>10^{12}$	10^{18}	10^{17}	10^{18}	10^{16}	–
Relative dielectric constant -100M HZ	(250)	–	3.3	4.2	6.0	4.4	3.2	–
-1M HZ	(250)	–	3.3	3.9	5.4	6.5	3.2	–
Dielectric demand constant -100M HZ	(250)	–	0.001	0.026	0.037	0.022	0.001	–
-1M HZ	(250)	–	–	–	0.042	0.050	0.002	–
Comparative tracking index (CTI)	(112)	–	–	–	–	–	–	–

Note: 1g/cm³=1000kg/m³,1MPa=1N/mm,1KV/mm=1MV/m

Machining tensile test piece is manufactured in accordance with ASTM D 1708 and tested with ASTM D 638.

Performance	Polyethere-therketone PEEK-GF30	Polyethere-therketone PEEK-CA30	Polyphenylene sulfide PPS	Polyethylene sulfone PPSU	Polyetheri-mide PEI	Polysulfone PSU	Polyvinylidene Fluoride PVDF	Reinforced polytetrafluoro-ethylene PTFE	Reinforced polytetrafluoro-ethylene PTFE	Anti-electrostatic POM ESD	Anti-electrostatic PEI ESD	Anti-electrostatic PTFE ESD
Color	Natural color Brown grey	Black	Dark blue	Black	Natural color Dark yellow and translucent	Natural color Dark yellow and translucent	Natural color White	Ivory white	White	Buff	Black	White
Density	1.51	1.41	1.43	1.29	1.27	1.24	1.79	2.32	2.30	1.33	1.41	2.30
Water imbibition:												
Immersing in 23℃ water for 24 hours / 96 hours	–	–	0.01/0.03	0.35/0.72	0.26/0.54	0.32/0.61	0.01/0.03	0.10/-	0.03/-	5/9	–	0.03/-
In the 23℃ / 50% RH air	0.14	0.14	0.03	0.60	0.75	0.40	0.05	–	–	0.8	0.75	–
Soaking in 23℃ water	0.30	0.30	0.09	1.20	1.35	0.85	0.05	3.0	2.0	10	1.35	2.0
Thermal performance												
Melting point	340	340	280	–	–	–	175	327	327	165	–	327
Vitrification temperature	–	–	–	220	215	190	–	–	–	–	215	–
Thermal conductivity at 23℃	0.43	0.92	0.30	0.35	0.22	0.26	0.19	0.77	–	–	–	–
Coefficient of linear thermal expansion:												
The average between 23-100℃	$30X10^{-6}$	$25X10^{-6}$	$50X10^{-6}$	$55X10^{-6}$	$45X10^{-6}$	$60X10^{-6}$	$130X10^{-6}$	$45X10^{-6}$	$100X10^{-6}$	$150X10^{-6}$	$35X10^{-6}$	$100X10^{-6}$
The average between 23-150℃	$30X10^{-6}$	$25X10^{-6}$	$60X10^{-6}$	$55X10^{-6}$	$45X10^{-6}$	$60X10^{-6}$	$145X10^{-6}$	$45X10^{-6}$	$100X10^{-6}$	–	$35X10^{-6}$	$100X10^{-6}$
Averagr above 150℃	$65X10^{-6}$	$55X10^{-6}$	$80X10^{-6}$	$55X10^{-6}$	$45X10^{-6}$	–	–	$60X10^{-6}$	$140X10^{-6}$	–	$35X10^{-6}$	$140X10^{-6}$
hermal deformation temperature:												
Method A: 18Mpa	230	230	115	200	190	170	105	130	100	–	210	100
Allowable operating temperature in the air:												
Short time	310	320	260	210	200	180	160	280	280	140	200	280
Continuous work: at least 20000	250	250	220	180	170	150	150	260	260	90	170	260
Flammability:												
"Oxygen index"	40	40	47	44	47	30	44	–	–	<20	47	–
According to the UL 94 (thickness in 3/6)	V-0/V-0	V-0/V-0	V-0/V-0	V-0/V-0	V-0/V-0	HB/HB	V-0/V-0	V-0/V-0	V-0/V-0	-/HB	V-0/V-0	V-0/V-0
Mechanical performance in 23℃												
Stress test:												
Bending tensile stress/Broken tensile stress	-/90	-/130	-/75	76/-	105/-	80/-	50/-	-/8	-/10	-/38	-/62	-/10
Breaking tensile strain	5	5	5	30	10	10	>20	10	50	15	5	50
Modulus of elasticity for tension	6300	7700	3700	2500	3400	2700	2300	2200	1800	1500	6400	1800
Compression test:												
1% normal strain compression capability	41	49	28	18	25	20	17	–	–	11	–	–
2% normal strain compression capability	81	97	55	35	49	39	32	–	–	20	–	–
Pendulum impact test----Unnotched	35	35	25	no break	no break	no break	no break	no break	no break	no break	–	no break
Pendulum impact test----Notched	4	4	3.5	10	3.5	4	10	10	3	2	2.5	9
Ball indentation hardness	270	325	180	–	170	155	110	160	140	170	160	120
Rockwell hardness	M99	M102	M84	M80	M114	M91	M75	M88	M84	M96	M94	M75
Electrical performance at 23℃												
Dielectric strength	24	–	24	–	27	30	18	11	8	–	–	–
Volume resistance	10^{15}	10^{15}	10^{15}	10^{15}	10^{18}	10^{17}	10^{15}	$>10^{12}$	$>10^{12}$	10^{10}-10^{12}	10^{4} -10^{6}	10^{10}-10^{12}
Surface resistance	10^{15}	–	10^{15}	10^{15}	10^{17}	10^{17}	10^{16}	$>10^{12}$	$>10^{12}$	10^{10}-10^{12}	10^{4} -10^{6}	10^{10}-10^{12}
Relative dielectric constant -100M HZ	3.2	–	3.3	3.4	3.0	3.0	7.4	–	–	–	–	–
-1M HZ	3.6	–	3.3	3.5	3.0	3.0	6.0	2.65	2.65	–	–	–
Dielectric demand constant -100M HZ	0.001	–	0.003	0.001	0.002	0.001	0.025	–	–	–	–	–
-1M HZ	0.002	–	0.003	0.005	0.002	0.003	0.165	0.008	0.008	–	–	–
Comparative tracking index (CTI)	175	–	100	–	175	150	600	–	–	–	–	–

High-Quality Chains Belt