MODUTECH®

HP508

Modular Belt Series

HP508 RR
HP508 FG
HP508 C
Sprockets & Accessories
Engineering Information

www.modutech.com.tr

FDA




Bezelye Konservesi
İçindekiler: Bezelye, su, tuz ve asitlik düzenleyici (sitrik asit).
No: 3 Büyük Boy
Türk Gıda Kodeksi'ne uygun olarak Gıda Sanayi A.Ş. tarafından TİCARET A.Ş. adına üretilmiştir.
Menşe Ülke: Türkiye
Bir porsiyon (130g) ürünün günlük karşılama oranları
Enerji 118 kcal %6
Şeker 1,1 g %1
Toplam Yağ 0,8 g %1
Doymuş Yağ 0,0 g %0
Tuz 1,3 g %22
Protein 7,7 g %15
Lif 2,4 g %10
* Değerler 2000 kcal/gün üzerinden hesaplanmıştır. cinsiyete, yaşa, fiziksel aktiviteye ve diğer faktörlere göre değişebilir.
Daha fazla bilgi için www.migros.com.tr
Bu ürün yaklaşık 4 porsiyondan oluşmaktadır.
Saklama Koşulları: Bombajlı ve sızdırmaz kutuların alınmayan Güneşten uzak, serin ve kokusuz yerde saklayınız. Kapağı açıldıktan sonra buzdolabında saklayınız.
Tavsiye edilen tüketim tarihi (T.E.T.T) ve parti numarası ambalajın üzerindedir.
GIDA SANAYİ A.Ş. ISO 9001 Kalite ve FSSC 22000 Gıda Güvenliği Yönetim Sistem Belgelerine sahiptir.
Gıda İşletmecisi Adı:
Gıda İşletmecisi Adresi:
Atatürk Mah.Turgut Özal Bulvarı No: 7 Ataşehir / İSTANBUL
Müşteri Hizmetleri Hattı:
444 10 44
ÜRETİCİ FİRMA ADI:
GIDA SANAYİ A.Ş.
ÜRETİCİ FİRMA ADRESİ:
Vehbi Koç Cad. Tatkavaklı Kasabası Mustafakemalpaşa-Bursa
İşletme kayıt no: TR-16-K-000470
Net Ağırlık:
830g
8 690635 060788



HP508 RR

Modular Belt Series

- **Snack Foods Applications**

Cooling Line

- **Fruits and Vegetables Applications**

Palletizing - Epalletizing, Sterilization Conveyance

- **Automotive Applications**

Batery Filling

- **Tire Manufacturing Applications**

Dip Tank

- **Packaging Applications**

Accumulation, Palletizing - Depalletizing

- **Textile Applications**

Dyeing

- **Beverages and Bottling Applications**

Glass Palletizing - Depalletizing, Pasteurizers - Warmers, Accumulation Tables

- **Can Manufacturing Applications**

Accumulation Tables, Palletizing / Depalletizing

HP508 RR

Pitch:	50,8 mm / **2 inch**
Belt Surface:	Open, Raised Rib Surface
Minimum Width:	152,4 mm / **6 inch**
Open Area (%):	36%. (Biggest opening 3,5 x 18,5 mm)
Flight:	No
Sidewall:	No
Rod:	Ø7 mm / **0.275 inch** - Self Lock
Approved:	FDA and EU
Curve:	No
Color:	Additional colors available
Cleanability:	Good
Belt Thickness:	24 mm / **0.945 inch**
Comb:	Yes



Product Features and Functional Benefits

- Less friction and product contact for easy cooking, cooling and freezing of products.
- Reduces back line pressure with up to 70%.
- Reduced dirt and oxide build up due to self cleaning surface.
- Finger plate for trouble free transfer.
- Unique sprocket engagement reduces pulsation and increases load capacity.

Available Moulded Module Sizes

- 152,4 mm / **6 inch** module
- 76,2 mm / **3 inch** module

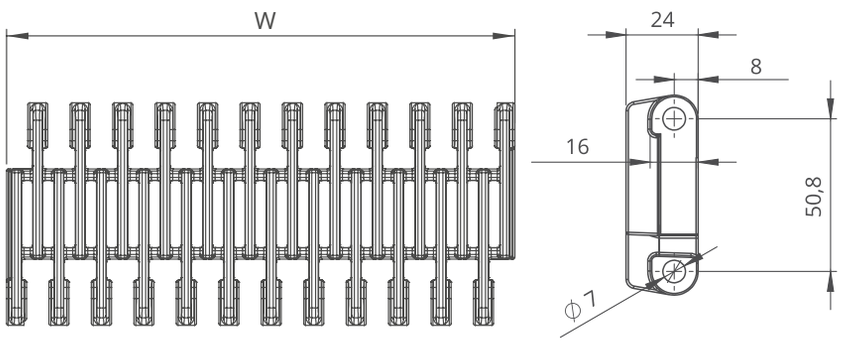
HP508 RR / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C (min.) - **°F (min.)**	°C (max.) - **°F (max.)**	Kg/m² - **lb/ft²**
	N/m	**lb/ft**	N/m	**lb/ft**			
Polypropylene	34200	**2343**	-	-	+5 / **+42.8**	+90 / **+194**	8,9 - **1.82**
PPHomopolymer	34200	**2343**	-	-	+5 / **+42.8**	+118 / **+244**	8,9 - **1.82**
Acetal	45500	**3117**	-	-	-43 / **-45.4**	+110 / **+230**	13,5 - **2.76**

- Belt strength and temperature values are maximum on the table.

HP508 RR / Standard Belt Widths

BELT SERIES	WIDTH (W)				Belt With Tolerance (max.)
	PP-PPH		POM		
	mm	**inch**	mm	**inch**	
HP508 RR	152,4	**6.0**	152,4	**6.0**	± 0,5 mm
HP508 RR	228,6	**9.0**	228,6	**9.0**	± 2 mm
HP508 RR	304,8	**12.0**	304,8	**12.0**	± 2 mm
HP508 RR	381,0	**15.0**	381,0	**15.0**	± 2 mm
HP508 RR	457,2	**18.0**	457,2	**18.0**	± 3 mm
HP508 RR	533,4	**21.0**	533,4	**21.0**	± 3 mm
HP508 RR	609,6	**24.0**	609,6	**24.0**	± 3 mm
HP508 RR	685,8	**27.0**	685,8	**27.0**	± 3 mm
HP508 RR	762,0	**30.0**	762,0	**30.0**	± 4 mm
HP508 RR	838,2	**33.0**	838,2	**33.0**	± 4 mm
HP508 RR	914,4	**36.0**	914,4	**36.0**	± 4 mm
HP508 RR	990,6	**39.0**	990,6	**39.0**	± 5 mm
HP508 RR	1066,8	**42.0**	1066,8	**42.0**	± 5 mm
HP508 RR	1143,0	**45.0**	1143,0	**45.0**	± 5 mm



- Standard belt increments 76,2 mm.
- Non-standart belt increments 38,1 mm.
- Please contact with customer service for precise belt measurements.



HP508 FG

Modular Belt Series

- **Snack Foods Applications**

Cooling Line

- **Fruits and Vegetables Applications**

Palletizing - Epalletizing, Sterilization Conveyance

- **Automotive Applications**

Batery Filling

- **Tire Manufacturing Applications**

Dip Tank

- **Packaging Applications**

Accumulation, Palletizing - Depalletizing

- **Textile Applications**

Dyeing

- **Beverages and Bottling Applications**

Glass Palletizing - Depalletizing, Pasteurizers - Warmers, Accumulation Tables

- **Can Manufacturing Applications**

Accumulation Tables, Palletizing / Depalletizing

HP508 FG *(Battery Belt)*

Pitch:	50,8 mm / **2 inch**
Belt Surface:	Open, Smooth Surface
Minimum Width:	152,4 mm / **6 inch**
Open Area (%):	36%. (Biggest opening 3,5 x 18,5 mm)
Flight:	No
Sidewall:	No
Rod:	Ø7 mm / **0.276 inch** - Self Lock
Approved:	FDA and EU
Curve:	No
Color:	Additional colors available
Cleanability:	Good
Belt Thickness:	16 mm / **0.630 inch**



Product Features and Functional Benefits

- Belt provides optimal open area for drainage and airflow.
- Unique sprocket engagement reduces pulsation and increases load capacity.
- High power, bi-directional belt for long conveyors.
- Unique sprocket engagement - higher product load and longer conveyors.
- Strong and thick product supports allow more load without breaking.
- Impact resistance to with stand heavy objects falling on the belt.

Available Moulded Module Sizes

- 152,4 mm / **6 inch** module
- 76,2 mm / **3 inch** module

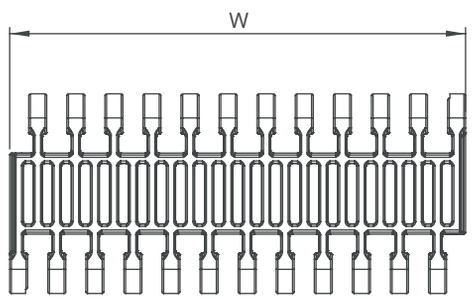
HP508 FG / Technical Information

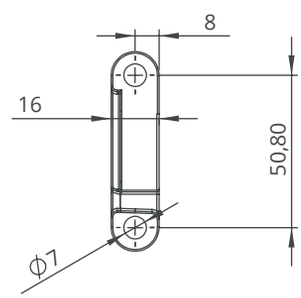
BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		ºC (min.) - **ºF (min.)**	ºC (max.) - **ºF (max.)**	Kg/m² - **lb/ft²**
	N/m	**lb/ft**	N/m	**lb/ft**			
Polypropylene	34200	**2343**	-	-	+5 / **+42.8**	+90 / **+194**	8,9 - **1.82**
Polyethylene	-	**-**	-	-	-	-	-
Acetal	-	**-**	-	-	-	-	-

- Belt strength and temperature values are maximum on the table.

HP508 FG / Standard Belt Widths

BELT SERIES	WIDTH (W)				Belt With Tolerance (max.)
	PP		POM		
	mm	**inch**	mm	**inch**	
HP508 FG	152,4	**6.0**	-	-	± 0,5 mm
HP508 FG	228,6	**9.0**	-	-	± 2 mm
HP508 FG	304,8	**12.0**	-	-	± 2 mm
HP508 FG	381,0	**15.0**	-	-	± 2 mm
HP508 FG	457,2	**18.0**	-	-	± 3 mm
HP508 FG	533,4	**21.0**	-	-	± 3 mm
HP508 FG	609,6	**24.0**	-	-	± 3 mm
HP508 FG	685,8	**27.0**	-	-	± 3 mm
HP508 FG	762,0	**30.0**	-	-	± 4 mm
HP508 FG	838,2	**33.0**	-	-	± 4 mm
HP508 FG	914,4	**36.0**	-	-	± 4 mm
HP508 FG	990,6	**39.0**	-	-	± 5 mm
HP508 FG	1066,8	**42.0**	-	-	± 5 mm
HP508 FG	1143,0	**45.0**	-	-	± 5 mm





- Standard belt increments 76,2 mm.
- Non-standart belt increments 38,1 mm.
- Please contact with customer service for precise belt measurements.



HP508 C

Modular Belt Series

- ***Snack Food Applications***

Potato Processing

- ***Fruits and Vegetables Applications***

Bulk Feeding, Elevator, Control Sorting Table, Filling

- ***Automotive Applications***

Chair Lift - Feader

- ***Packaging Applications***

Bluk Inclines, Box Transport Horizontal

HP508 C

MODUTECH

Pitch:	50,8 mm / **2 inch**
Belt Surface:	Close, Smooth Surface
Minimum Width:	152,4 mm / **6 inch**
Open Area (%):	0%
Flight:	No
Sidewall:	No
Rod:	Ø7 mm / **0.275 inch** - Self Lock
Approved:	FDA and EU
Curve:	No
Color:	Additional colors available
Cleanability:	Good
Belt Thickness:	16 mm / **0.629 inch**



Product Features and Functional Benefits

- Unique sprocket engagement reduces pulsation and increases load capacity.
- High power, bi-directional belt for long conveyors.
- Unique sprocket engagement - higher product load and longer conveyors.
- Strong and thick product supports allow more load without breaking.
- Impact resistance to withstand heavy objects falling into the belt.
- Close transfer applications.

Available Moulded Module Sizes

- 152,4 mm / **6 inch** module
- 76,2 mm / **3 inch** module

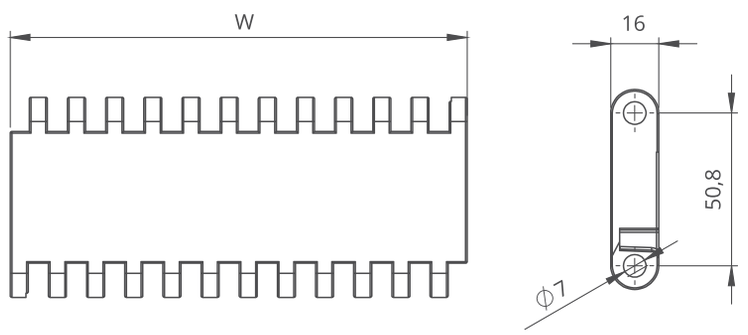
HP508 C / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C (min.) - **°F (min.)**	°C (max.) - **°F (max.)**	Kg/m² - **lb/ft²**
	N/m	**lb/ft**	N/m	**lb/ft**			
Polypropylene	34200	**2343**	-	-	+5 / **+42.8**	+90 / **+194**	7,8 - **1.60**
Polyethylene	-	**-**	-	-	-	-	-
Acetal	45500	**3117**	-	-	-43 / **-45.4**	+110 / **+230**	12,2 - **2.50**

- Belt strength and temperature values are maximum on the table.

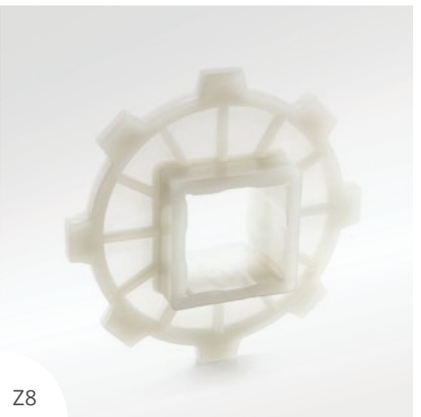
HP508 C / Standard Belt Widths

BELT SERIES	WIDTH (W)				Belt With Tolerance (max.)
	PP		POM		
	mm	**inch**	mm	**inch**	
HP508 C	152,4	**6.0**	152,4	**6.0**	± 0,5 mm
HP508 C	228,6	**9.0**	228,6	**9.0**	± 2 mm
HP508 C	304,8	**12.0**	304,8	**12.0**	± 2 mm
HP508 C	381,0	**15.0**	381,0	**15.0**	± 2 mm
HP508 C	457,2	**18.0**	457,2	**18.0**	± 3 mm
HP508 C	533,4	**21.0**	533,4	**21.0**	± 3 mm
HP508 C	609,6	**24.0**	609,6	**24.0**	± 3 mm
HP508 C	685,8	**27.0**	685,8	**27.0**	± 3 mm
HP508 C	762,0	**30.0**	762,0	**30.0**	± 4 mm
HP508 C	838,2	**33.0**	838,2	**33.0**	± 4 mm
HP508 C	914,4	**36.0**	914,4	**36.0**	± 4 mm
HP508 C	990,6	**39.0**	990,6	**39.0**	± 5 mm
HP508 C	1066,8	**42.0**	1066,8	**42.0**	± 5 mm
HP508 C	1143,0	**45.0**	1143,0	**45.0**	± 5 mm



- Standard belt increments 76,2 mm.
- Non-standart belt increments 38,1 mm.
- Please contact with customer service for precise belt measurements.

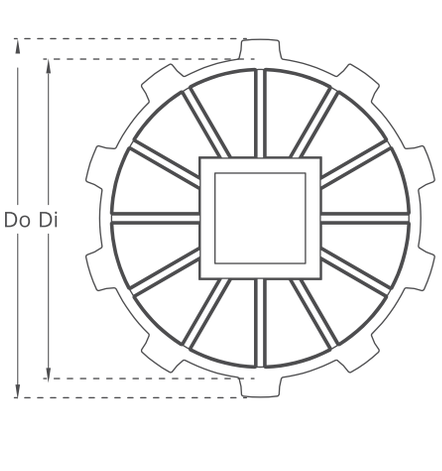
HP508 Series *Sprockets and Technical Specifications*

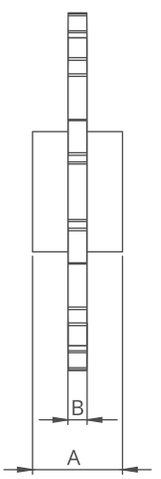


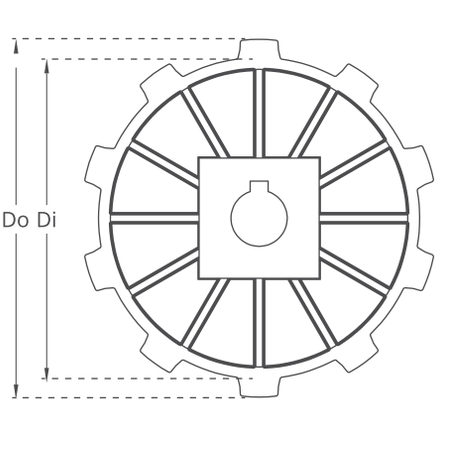
Z8

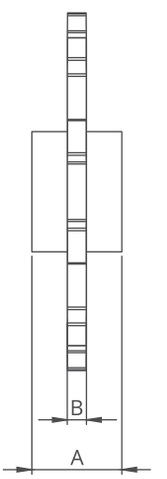


Z10









HP508 Series / Standard Sprockets Dimensions

NO.TEETH	Di mm/**inch**	Do mm/**inch**	B mm/**inch**	A mm/**inch**	Square Bore (Q) mm/**inch**	Round Bore (R) mm/**inch**	PRODUCT CODE	
							Square Type (Q)	Round Type (R)
Z8	109,0 / **4.29**	125,0 / **4.92**	9,0 / **0.35**	40 / **1.57**	40 / **1.5**	25-30 / **1-1.25**	HP508SQZ8*PA	HP508SRZ8*PA
Z10	142,0 / **5.59**	159,0 / **6.22**	9,0 / **0.35**	40 / **1.57**	40 / **1.5**	25-30 / **1-1.25**	HP508SQZ10*PA	HP508SRZ10*PA

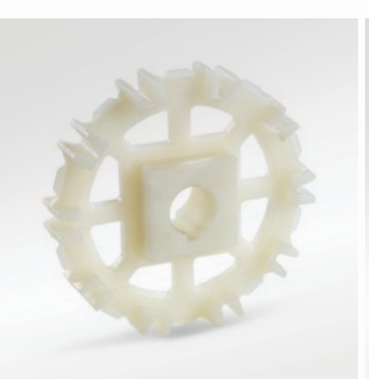
*Other sprockets and hub sizes are manufactured up to request.
*POM (Acetal) and PP (Polypropylene) sprockets raw material is available on request.
***Machined Split Sprockets are avaliable for each size.**



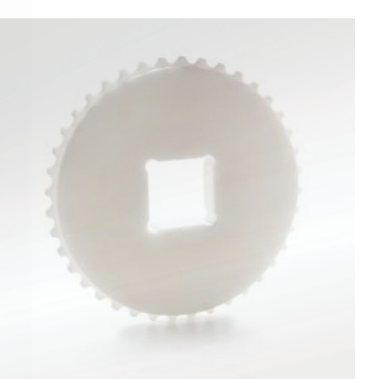
Clamp



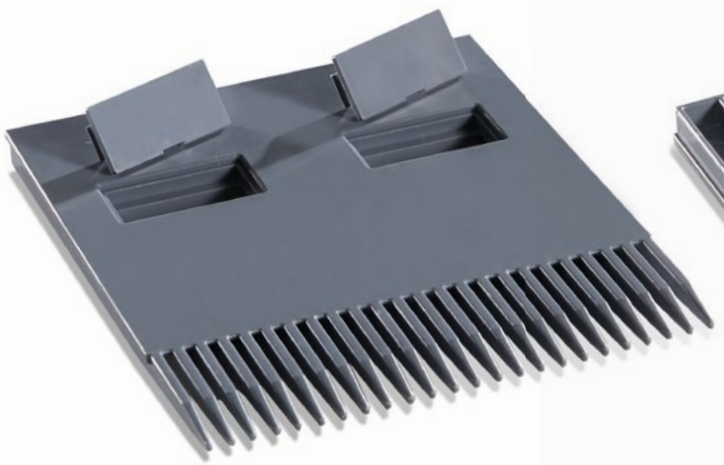
Machined Split Sprocket



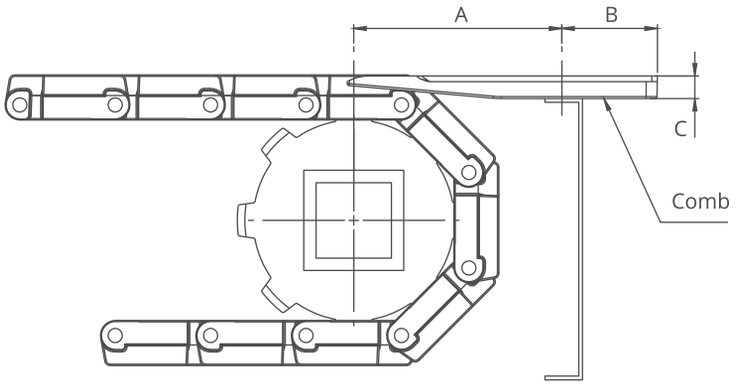
Moulded Sprocket

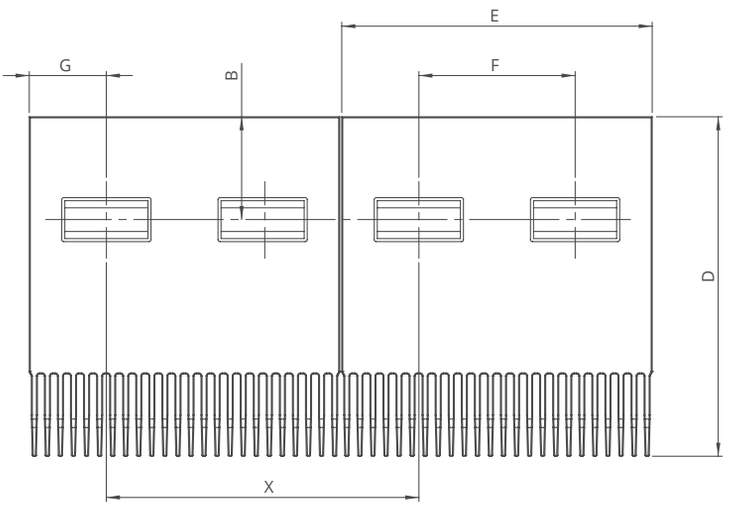


Machined Sprocket







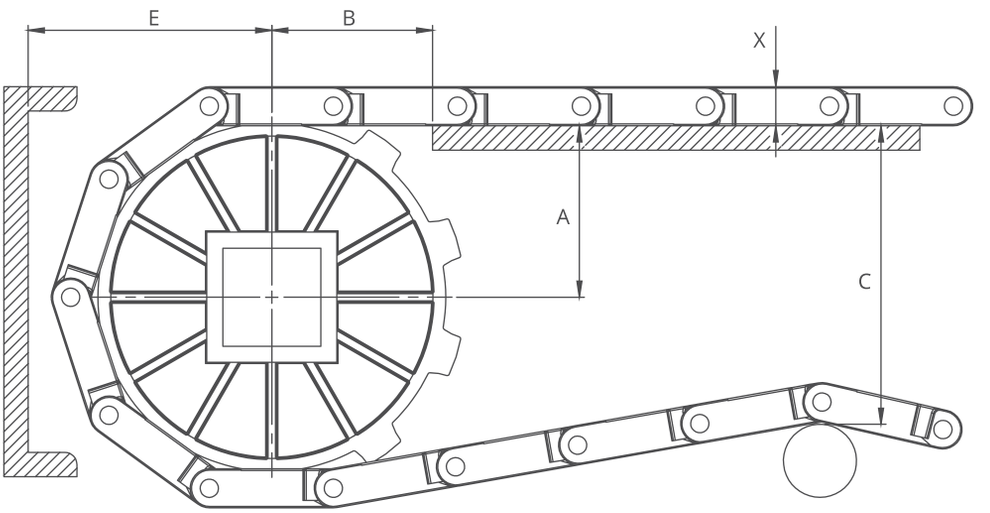


HP508 Series / Comb Technical Specifications

	inch	mm
A	**3.94**	100,0
B	**1.97**	50,0
C	**0.47**	12,0
D	**6.50**	165,0
E	**5.94**	151,0
F	**2.99**	76,0
G	**1.48**	37,5
X	**5.98**	152,0

HP508 Series *Engineering Information*

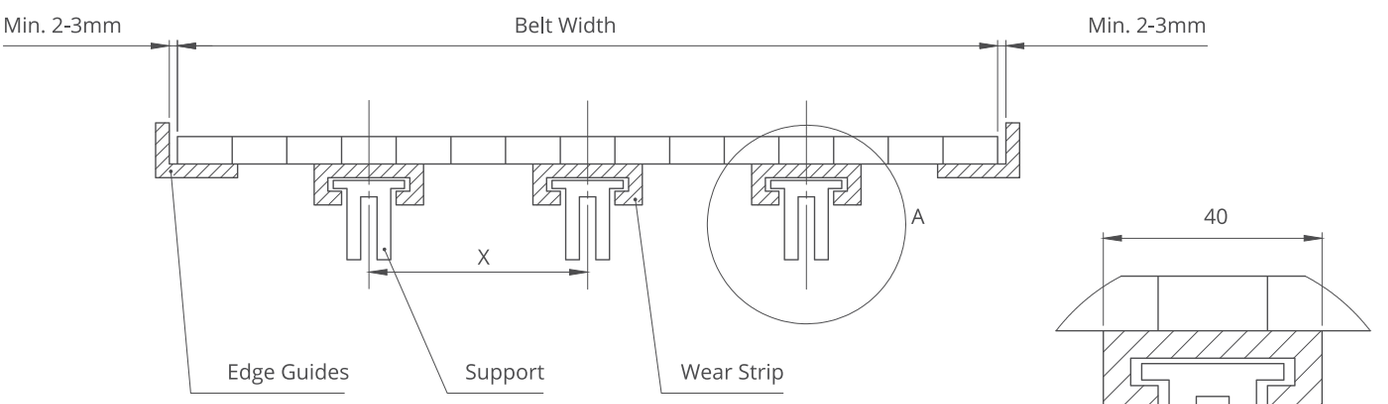
A - ± 0,031" (1mm)
B - ± 0,125" (3mm)
C - ± (Max.)
E - ± (Min.)



HP508 Series / Conveyor Frame Dimensions

Sprockets Description			A		B		C		E		X	
Pitch Diameter		No.Teeth	Range (Bottom to Top)									
inch	mm		**inch**	mm	**inch**	mm	**inch**	mm	**inch**	mm	**inch**	mm
HP508 C, HP508 FG												
4.57	116,0	8	**2.29**	58,25	**2.28**	58,0	**3.46**	88,0	**3.32**	84,25	**0.63**	16,0
5.98	152,0	10	**2.93**	74,5	**2.60**	66,0	**4.80**	122,0	**3.96**	100,5	**0.63**	16,0
HP508 RR												
4.57	116,0	8	**2.29**	58,25	**2.28**	58,0	**3.78**	96,0	**3.63**	92,25	**0.94**	24,0
5.98	152,0	10	**2.93**	74,5	**2.60**	66,0	**5.12**	130,0	**4.27**	108,5	**0.94**	24,0

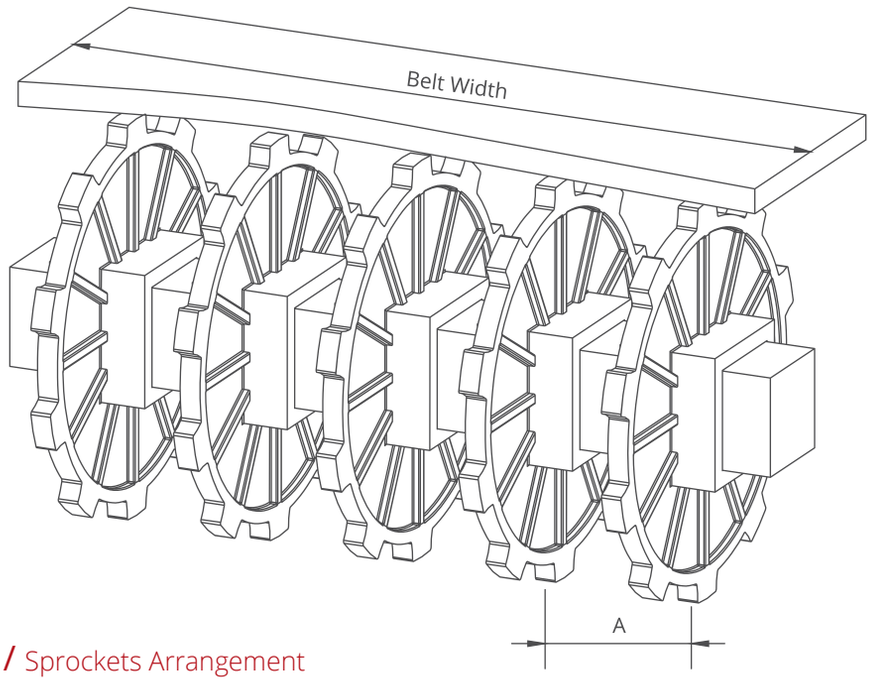
HP508 Series / Slider Support System For Straight Running Belts



Note: The max. distances between the wear strips have to be (X) ;

125 mm for 2" belts
80 mm for 1" / 0.5" belts

Detail A
Scale 1:1



HP508 Series / Sprockets Arrangement

Standard Belt Width		Number of sprockets per shaft		A (mm/**inch**)	
mm	**inch**	Drive Shaft	Return Shaft	Min.	Max.
152,4	**6.0**	2	2	60/**2.36**	150/**5.9**
228,6	**9.0**	2	2	60/**2.36**	150/**5.9**
304,8	**12.0**	3	2	60/**2.36**	150/**5.9**
381,0	**15.0**	3	3	60/**2.36**	150/**5.9**
457,2	**18.0**	3	3	60/**2.36**	150/**5.9**
533,4	**21.0**	4	3	60/**2.36**	150/**5.9**
609,6	**24.0**	4	3	60/**2.36**	150/**5.9**
685,8	**27.0**	5	3	60/**2.36**	150/**5.9**
762,0	**30.0**	5	4	60/**2.36**	150/**5.9**
838,2	**33.0**	6	4	60/**2.36**	150/**5.9**
914,4	**36.0**	6	4	60/**2.36**	150/**5.9**
990,6	**39.0**	6	4	60/**2.36**	150/**5.9**
1066,8	**42.0**	7	5	60/**2.36**	150/**5.9**
1143,0	**45.0**	7	5	60/**2.36**	150/**5.9**
1219,2	**48.0**	8	6	60/**2.36**	150/**5.9**
1295,4	**51.0**	8	6	60/**2.36**	150/**5.9**
1371,6	**54.0**	9	6	60/**2.36**	150/**5.9**
1447,8	**57.0**	9	7	60/**2.36**	150/**5.9**
1524,0	**60.0**	9	7	60/**2.36**	150/**5.9**
1600,2	**63.0**	10	7	60/**2.36**	150/**5.9**
1676,4	**66.0**	10	8	60/**2.36**	150/**5.9**
1752,6	**69.0**	11	8	60/**2.36**	150/**5.9**
1828,8	**72.0**	12	9	60/**2.36**	150/**5.9**
1905,0	**75.0**	12	9	60/**2.36**	150/**5.9**
1981,2	**78.0**	12	9	60/**2.36**	150/**5.9**
2057,4	**81.0**	13	10	60/**2.36**	150/**5.9**
2133,6	**84.0**	14	10	60/**2.36**	150/**5.9**
2209,8	**87.0**	14	10	60/**2.36**	150/**5.9**
2286,0	**90.0**	15	11	60/**2.36**	150/**5.9**
2514,6	**99.0**	15	11	60/**2.36**	150/**5.9**
2743,2	**108.0**	16	12	60/**2.36**	150/**5.9**
2971,8	**117.0**	17	13	60/**2.36**	150/**5.9**
3200,4	**126.0**	18	14	60/**2.36**	150/**5.9**
3429,0	**135.0**	19	15	60/**2.36**	150/**5.9**
3657,6	**144.0**	20	16	60/**2.36**	150/**5.9**
3810,0	**150.0**	21	17	60/**2.36**	150/**5.9**

Note: Number of sprockets depends on the belt load.