

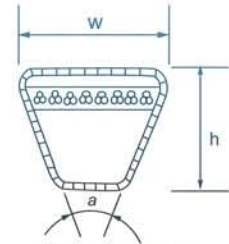


Automotive Belts

AUTOMOTIVE V-BELTS

MF (Wrapped V-Belts)

- Wrapped with flexible and wear resistant fabric.
- Less noise generation.
- Ample availability.
- Heat resistant
- Temperature range
- 30 C to +80 C



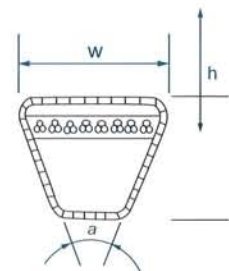
DIMENSIONS

MF 1350
 Length (Inch) x 10
 Type
 Construction (Wrapped)

Cross Section	HM	A	B	C
Series	1	6	8	9
w (mm)	10.0	12.5	16.5	22.0
h (mm)	8.0	9.0	11.0	14.0
a (°)	38	40	40	40

REMF (Raw Edge V-Belts)

- Fabric free side-face provides flexibility
- Large gripping capacity reduces slip
- High power transmission capacity for driving fans, alternators and air conditioners
- Heat and oil resistant
- Temperature range -30°C to +100°C



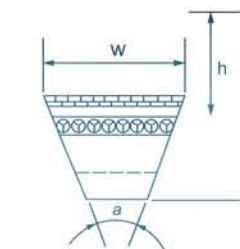
DIMENSIONS

REMF 6455
 Length (Inch) x 10
 Type
 Construction (Raw Edge Plain)

Cross Section	HM	A	B
Series	1	6	8
w (mm)	10.7	13.3	17.3
h (mm)	7.5	8.0	9.5
a (°)	38	38	38

MPMF (Multiply Raw Edge V- Belts)

- Laminated fabric construction helps to reduce belt noise
- Large gripping capacity reduces belt slip
- Superior abrasion, crack, shock and bending resistance
- Heat and oil resistant
- Temperature range -30°C to +100°C



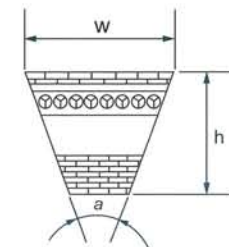
DIMENSIONS

MPMF 1350
 Length (Inch) x 10
 Type
 Construction (Raw Edge Multiply)

Cross Section	HM	A	B
Series	1	6	8
w (mm)	10.7	13.3	17.3
h (mm)	7.5	8.0	9.5
a (°)	38	38	38

RECMF (Multiply Raw Edge Cogged V-Belts)

- Cogged construction provides greater flexibility
- Permits smaller pulley
- Reduce energy consumption caused by bending
- Heat and oil resistant
- Temperature range -30°C to +100°C



DIMENSIONS

RECMF8530
 Length (Inch) x 10
 Type
 Construction (Raw Edge Multiply)

Cross Section	HM	A	B	BC	C	CD
Series	1	6	8	3	9	4
w (mm)	10.7	13.3	17.3	18.8	22.8	25.4
h (mm)	8.0	9.0	11.0	11.0	13.0	13.0
a (°)	38	38	38	38	38	38

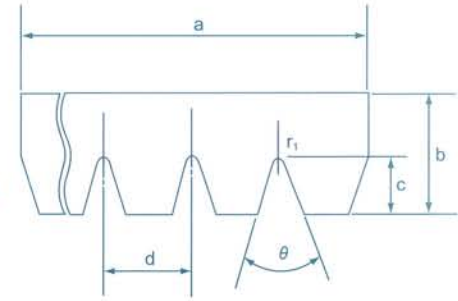
AUTOMOTIVE V- RIBBED BELTS

RIBSTAR (Multiple V-Ribbed Belts)

- Flexibility allows use of smaller pulleys on high speed and multi-pulley drives
- Excellent reverse bend application
- Heat and oil resistant
- Temperature range -30°C to +100°C



RIBSTAR



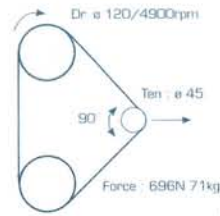
DIMENSIONS

4 PK 860

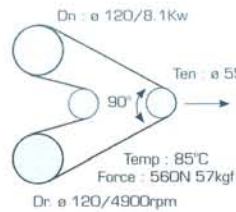
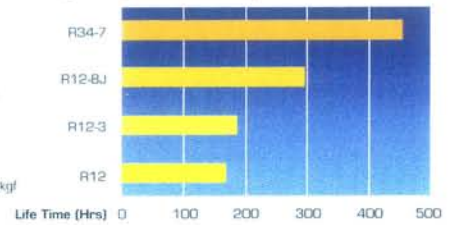
— Length (mm) – Effective Length
— Type (K type)
— Number of Ribs

Your choice for the best performance PK belt grade **R34-7**

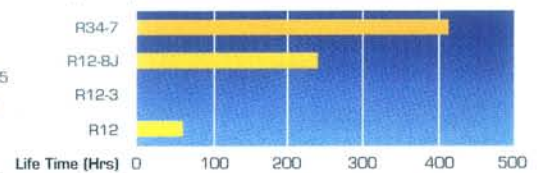
Green Label R34-7	
a	3.56 x N
b	4.3
c	2.6
d	3.56
θ	40°
r₁	Max.0.24



1. High Temperature Durability Test (100°C)



2. High Temperature (85°C) & Reverse Bend Test



AUTOMOTIVE TIMING BELTS



XR • XY • MR • MY



S8M • FS



ZA • ZAS • ZBS

- Rounded tooth profile feature better stress dispersion and less noise drive
- Smooth engagement of belt with pulley allows high speed operation

- Special tension member provides stretch and resistance to elongation
- Smooth engagement of belt with pulley allows high speed operation

- High tensile strength with minimum belt stretch
- Less weight and noise compared to chain drives

80 ZA 19



Series	X		M		S		Z	
	XR	XY	MR	MY	S8M	FS	ZA	ZAS • ZBS
Tooth Pitch (mm)	9.525	8.00	9.525	8.00	8.00	9.525	9.525	9.525
Cross Section Profile								

"X" series Timing Belts are available in standard (CR*) and premium (H-NBR*) grade.

"X" Series Belt Performance

	Power Transmission Capacity	Water Resistance	Tooth Crack Resistance	Bending Fatigue Resistance	Heat Resistance
Standard : CR					90°C
Premium : H-NBR					120°C

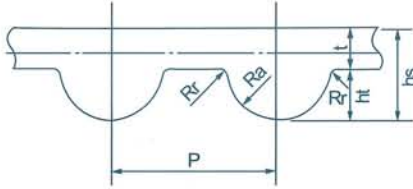
*CR = Polychloroprene Rubber
*H-NBR = Hydrogenated Nitrile Butadiene Rubber

: Good

: Excellent

TIMING BELTS CROSS SECTION

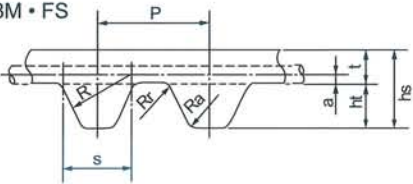
XR • XY • MR • MY



Unit : mm

Profile	P	hs	ht	t	Rr	Ra
XR	9.525	5.69	3.54	2.15	0.76	2.52
XY	8.00	5.21	3.06	2.15	0.63	2.20
MR	9.525	5.69	3.54	2.15	0.76	2.52
MY	8.00	5.21	3.06	2.15	0.63	2.20

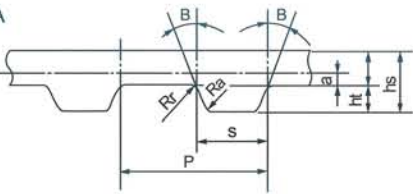
S8M • FS



Unit : mm

Profile	P	hs	ht	t	S	Rr	Ra	R	a (PLD)
S8M	8.00	5.30	3.05	2.25±0.25	5.20	0.80	0.80	5.20	0.686
FS	9.525	5.35	3.05	2.30±0.25	5.20	0.80	0.80	5.20	0.686

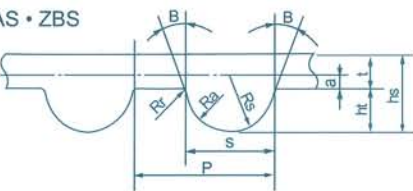
ZA



Unit : mm

Profile	P	2B	hs	ht	t	S	Rr	Ra	Rs	a (PLD)
ZA	9.525	40	4.21	1.91	2.30±0.25	4.65	0.51	0.51	-	0.686
ZAS	9.525	40	4.62	2.32	2.30±0.25	4.65	0.51	0.51	3.00	0.686
ZBS	9.525	40	5.06	2.76	2.30±0.25	6.12	1.02	0.90	3.55	0.686

ZAS • ZBS



TIMING BELTS REPLACEMENT

Please replace the timing belt if any of the following signs occur. For optimum performance of the new belt, it is recommended to replace the idling pulleys and/or tensioning pulleys at the same time.

Excessive wear out of the belt side	Excessive wear out of the belt teeth	Abrasion on the back of the belt	Lost of belt teeth	Cracks on the back of the belt



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