

# KYK®

## BELTS

OSAKA, JAPAN

PRECISION JAPANESE TECHNOLOGY



# THE HISTORY

KYK Corporation Ltd. (old Company Name –Yamakei Bearing Ltd), established in 1952, is the world-renowned manufacturer of KYK brand products. Headquartered in Osaka, Japan, KYK products are supplied to over 50 Countries; having a truly Global Presence.

KYK Belts are manufactured with strict adherence to Japanese Precision and Quality Standards; with the motto “KAIZEN” signifying its commitment to consistent improvement in product quality and delivery systems.

KYK offers various types of belts; and every year adds new products to the range list. All products are manufactured to JIS Standards (Class 7) and are individually inspected and guaranteed for performance under normal operating conditions.

## CEO'S MESSAGE

KYK Corporation Ltd. was established in 1952 by the Yamamoto Family. With 65 Years of heritage, I am proud to say that KYK Brand has grown into one of the leading manufacturers of bearings in the World. We are committed to HQ Kaizen, and continuously focus to improve our Product Quality and Systems.

Today, KYK products are supplied to more than 50 Countries including; USA, Japan, Canada, Europe, India, China, Taiwan, Korea, Middle East, Far-East Asia and Africa.

Quality is the watchword for every phase of KYK Activity. The Production Techniques and Plant Facilities are constantly modernized to keep up with latest technological developments out of Japan.

For further assistance, please feel free to contact KYK Headquarters, Regional Offices or our Distributors in the respective countries.

Sincerely,



Ryuzo Yamamoto  
(President)

KYK Corporation Ltd., Osaka, Japan



# KYK BRAND MISSION

## KYK KAIZEN

KYK is committed to continuous improvement through technology advancements & innovation.

## QUALITY

All products are manufactured according to JIS (Japanese Industrial Standards) Class 7.

## BELTS RANGE

KYK manufactures wide range of belts for different applications.

## OTHER PRODUCTS

KYK Bearings, KYK Grease, KYK Lubricants, KYK Oil-Seals.

## RELIABILITY

KYK provides written Warranty for Belts Performance; all products are individually inspected and guaranteed under normal working conditions.

## STOCK

KYK keeps in ready stock the complete assortment of products for immediate dispatch.

## NETWORK

With Distributors in over 50 Countries, KYK offers a truly Global Presence.

## CUSTOMIZATION

KYK customizes products as per applications, developing new belts every year.

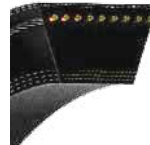


## Agricultural, Automotive & Industrial Belts Types

- Classical V-Belt



- Raw Edge Laminated



- Wedge / Narrow V-Belt



- Ribbed V-Belt



- Double Angle V-Belt



- Raw Edge Cogged



- Raw Edge Plain



- Raw Edge Cogged Variable Speed

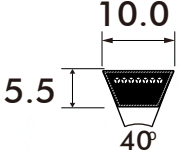
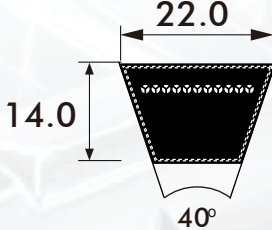
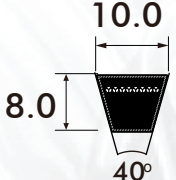
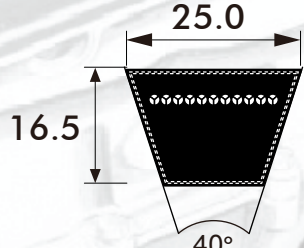
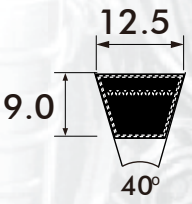
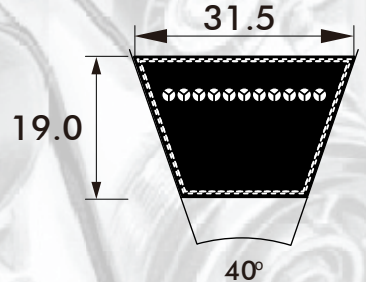
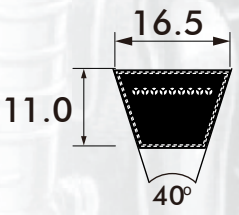
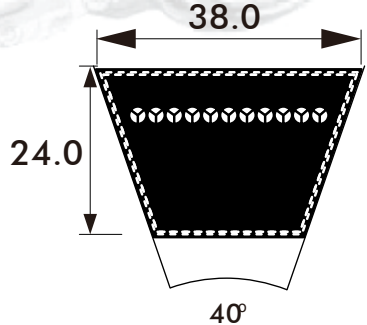
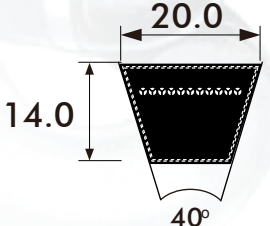


# PRODUCT RANGE

RANGE & DIMENSION				
Cross Section	Top Width (mm)	Thickness (mm)	Angle (o)	Length Range (inches)
M	10.0	5.5	40	33" - 50"
FM	10.0	8	40	24" - 120"
A	12.5	9	40	22" - 800"
B	16.5	11	40	23" - 800"
BC	20.0	14	40	60" - 400"
C	22.0	14	40	40" - 800"
CD	25.0	16.5	40	60" - 400"
D	31.5	19	40	80" - 800"
E	38.0	24	40	110" - 800"
ZX 9.5	10.0	6	38	on request
AX 13	13.0	8	38	on request
BX17	17.0	11	38	on request
CX 22	22.0	14	38	on request

Cross Section	Pitch (mm)	Height (mm)	Angle (o)	Length Range (inches)
PK	3.6	4.5	40	on request

# AUTOMOTIVE & INDUSTRIAL BELTS

	cross section	length range (inches)		cross section	length range (inches)
	M	33" - 50"		C	40" - 800"
	FM	24" - 120"		CD	60" - 400"
	A	22" - 800"		D	80" - 800"
	B	23" - 800"		E	110" - 800"
	BC	60" - 400"			



# AUTOMOTIVE & INDUSTRIAL BELTS

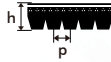
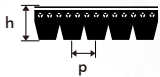
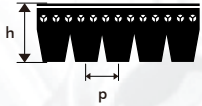
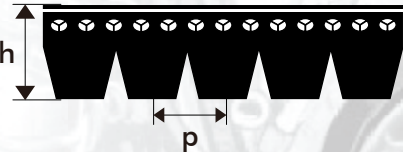
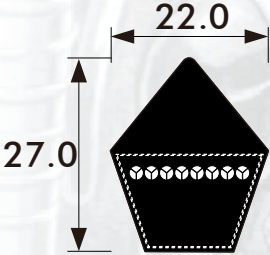
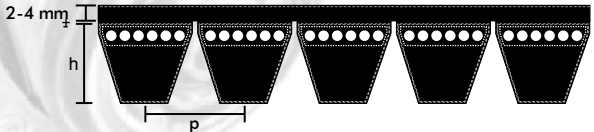
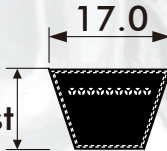
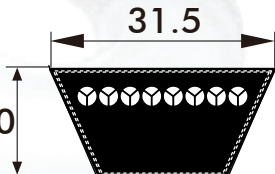
	cross section	length range (inches)		cross section	length range (inches)
	AA	on request		SPB	1,500mm - 20,000mm
	BB	on request		SPC	2,540mm - 20,000mm
	CC	60" - 400"		3V	585mm - 5,000mm
	SPZ	585mm - 5,000mm		5V	1,500mm - 20,000mm
	SPA	1,500mm - 20,000mm		8V	2,540mm - 20,000mm

# AUTOMOTIVE & INDUSTRIAL BELTS

	cross section	top width (mm)	thickness (mm)	angle (°)	length range (inches)
	REP Z 9.5	10.3	8.0	38	on request
	REP A 13	13.0	8.0	38	on request
	REL Z 9.5	10.3	8.0	38	on request
	REL A 13	13.0	8.0	38	on request
	ZX 9.5	10.0	6.0	38	on request
	AX 13.0	13.0	8.0	38	on request
	BX 13.0	17.0	11.0	38	on request
	CX 22.0	22.0	14.0	38	on request
	XPZ	9.7	8.0	38	on request
	XPA	12.7	10.0	38	on request
	XPB	16.3	13.0	38	on request
	XPC	22.0	18.0	38	on request
	3VX	9.0	8.0	38	on request
	5VX	15.0	13.0	38	on request



# AUTOMOTIVE & INDUSTRIAL BELTS

	cross section	pitch (mm)	height (mm)	angle (°)	length range (inches)
	PJ	2.34	3.5	40	on request
	PK	3.56	4.5	40	on request
	PL	4.70	8.0	40	on request
	PM	9.40	13.0	40	on request
 <b>CRUSTED(TC)</b>	cross section	length range (inches)	<b>BANDED CROSS SECTION</b>  Available in cross section : Cog : AX, BX, 3VX, 5VX, XPA, XPB, XPC Wrapped : A, B, C, D, 3V, 5V, 8V, SPZ, SPA, SPB, SPC		
 <b>TOP RUBBER (PB)</b>					
 <b>D (15)</b>					

# INDUSTRIES WE SUPPLY



COMMERCIAL  
VEHICLES



CEMENT



MINING



STONE CRUSHER



AGRICULTURE



MARBLE



PUMPS & MOTOR



CONVEYOR BELTS



AIR CONDITIONER  
UNITS



PAPER



STEEL



PASSENGER  
VEHICLES

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# KYK DISTRIBUTOR NETWORK

### ● EUROPE

Azerbaijan  
Armenia  
Belarus  
Bulgaria  
Czech Republic  
Estonia  
Germany  
Hungary  
Macedonia  
Moldova  
Poland  
Romania  
Russia  
Serbia  
Slovakia  
Turkey  
Ukraine  
United Kingdom

### ● AFRICAS

Ghana  
Kenya  
Mozambique  
Nigeria  
South Africa  
Tanzania  
Uganda  
Zambia

### ● AMERICAS

Brazil  
Canada  
USA

### ● MENA

Algeria  
Egypt  
Iraq  
Lebanon  
Libya  
Morocco  
Oman  
Qatar  
Saudi Arabia  
Sudan  
UAE ★

### ● SUB-CONTINENT

Bangladesh  
India ★  
Nepal  
Pakistan  
Sri Lanka

### ● ASIA

China ★  
Indonesia  
Japan ★  
Korea  
Taiwan  
Thailand  
Vietnam

# BELTS MAINTENANCE

## STORAGE RECOMMENDATIONS

- In order to retain their serviceability and dimensions, proper storage procedures must be followed for all belt types. Quite often premature belt failures can be traced to improper belt storage procedures that damaged the belt before it was installed on the drive.

## DO'S

- Belts should be stored in a cool and dry environment with no direct sunlight.
- Store on shelves or in boxes or containers.
- Belts may be stored by hanging on a wall rack if they are hung on a saddle.
- When the belts are stored, they must not be bent to diameters smaller than the minimum recommended sheave or sprocket diameter for that cross section.
- If stored in containers, make sure that the belt is not distorted when in the container. Limit the contents in a container so that the belts at the bottom of the container are not damaged by the weight of the rest of the belts in the container.

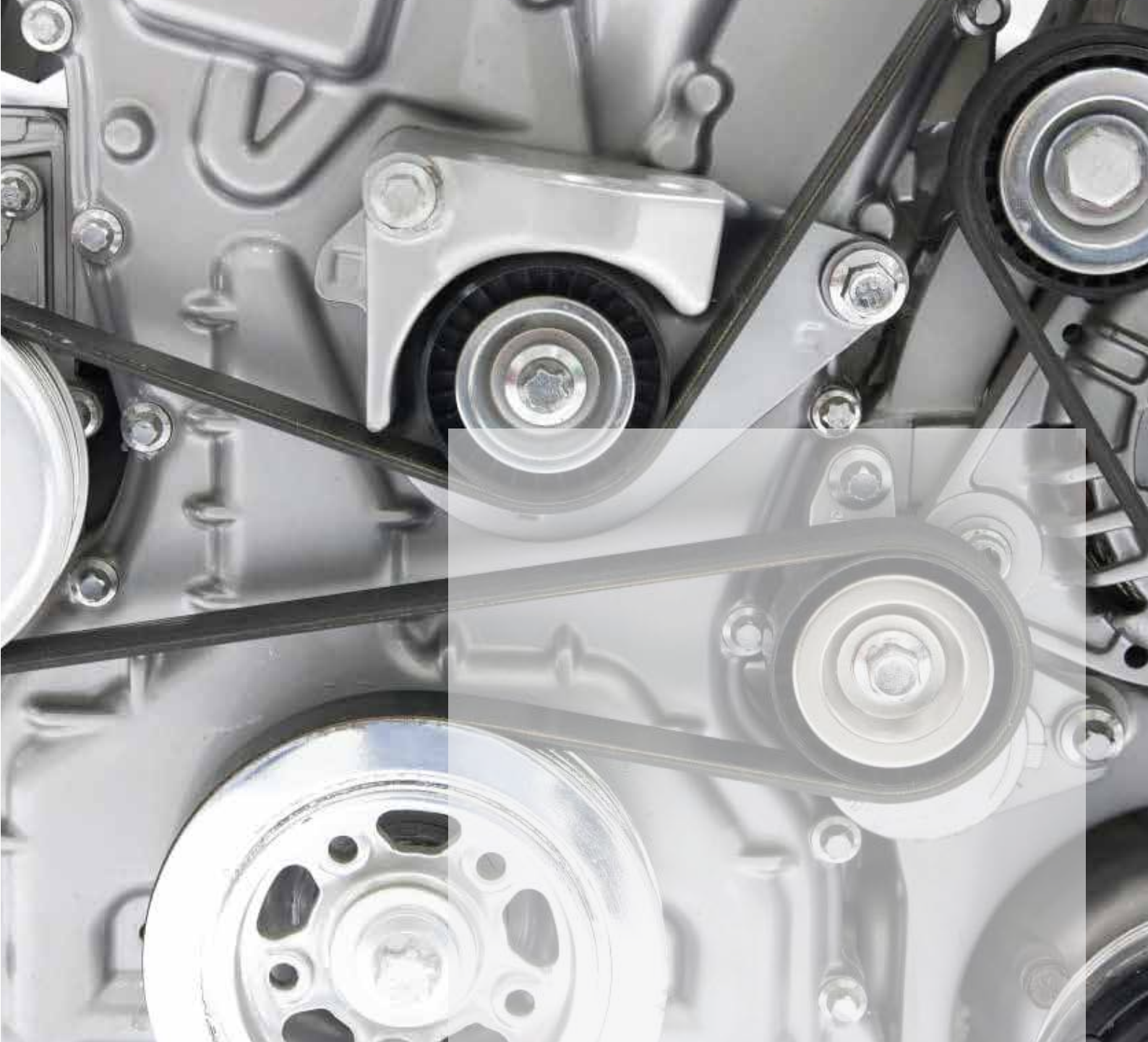
## DON'TS

- Belts should not be stored where it is exposed to direct sunlight or moisture.
- Belts should not be stored near heaters, radiators, or in the direct airflow of heating devices.
- Belts should not be stored where they are exposed to solvents or chemicals in the atmosphere.
- Do not store belts on the floor unless they are in a protective container.
- Do not use ties or tape to pull belt spans tightly together near the end of the belt. This will crimp the belt and cause premature belt failure.
- Improper storage will damage the tensile cord and the belt will fail prematurely.

## STORAGE LIFE-CYCLE

- Belts may be stored up to six years if properly stored at temperatures less than 85°F or 29.44°C and relative humidity less than 70%.
- If the storage temperature is higher than 85°F or 29.4°C, the storage limit for normal service performance is reduced by one half for each 15°F or 9.4°C increase in temperature. Belts should never be stored at temperatures above 115°F or 46.11°C.





KYK Corporation Ltd.  
Osaka, Japan

Precision Japanese Technology  
Since 1953

**KYK<sup>®</sup>**

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