



TRUCKS & BUSES PRODUCT RANGE



RELIABILITY AT THE HIGHEST L



- ✓ OEM Quality
- ✓ Maximum
- ✓ Reduced A

— Made in Germany
— Made in Germany
— Made in Germany

optibelt
optibelt
optibelt



FAW



SE

EVEL

Engineered
in Germany
Quality since 1872

Quality
Durability
Maintenance



TRR

DAF



RENAULT
TRUCKS

TRUCK POWER
TRUCK POWER
TRUCK POWER

optibelt **MARATHON 1**

V-BELTS

RAW EDGE, MOULDED EDGE



The **optibelt MARATHON 1** was especially developed for the drive of ancillary components in passenger car engines. This raw edge and moulded edge V-belt is distinguished by its high level of durability and its low-stretch tension behaviour.

The characteristics of the **MARATHON 1** make its use especially cost-effective requiring low maintenance. Any mechatronic engineer would be enthused by its smooth running, even in the case of small pulley diameters for propelling alternators, water pumps, air conditioning compressors, or power steering.

PROFILES

AVX 10; AVX 13;
AVX 11; AVX 11,2; AVX 11,5; AVX 11,9

With regard to their cross sections and dimensions, the AVX 10 and AVX 13 profiles are compliant with DIN 7753, part 3, as well as the standards ISO 2790 and SAE.

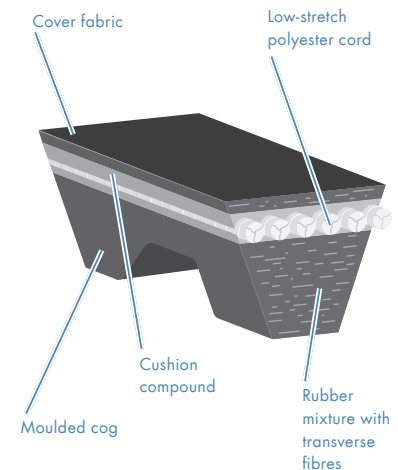
V10; V13; V15; V20
JASO E107:2000, Attachment 1

10A; 11A; 13A; 15A; 17A; 20A
SAE J636

PRODUCT BENEFITS

- High level of durability
- High efficiency
- Low-maintenance operation
- Very smooth running
- Excellent tension behaviour

MARATHON 1 cross section



optibelt TRUCK POWER MARATHON 2 M=S

V-BELTS

RAW EDGE, MOULDED EDGE



The **optibelt MARATHON 2 M=S** was especially developed for driving ancillary components in commercial vehicles and buses.

In the case of multi-groove drives, due to its manufacturing tolerances, the precision ground V-belt can even be used unmeasured in the set. This can be identified by the additional specification M=S (matched sets). The characteristic of being the same in length makes handling simpler, prevents double inventory and enables extremely smooth running – especially in the case of multi-groove drives.

Furthermore, the **MARATHON 2 M=S** is especially low stretch and extremely durable. Its durability is around 40–60% higher than that of a standard belt. This enables cost-effective and safe operation of the lorries and buses.

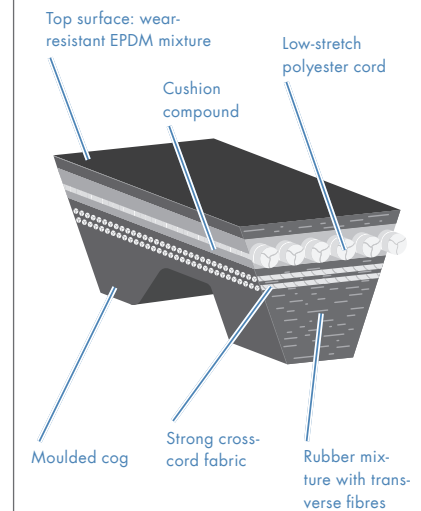
PROFILES

AVX 10; AVX 13; AVP 13

PRODUCT BENEFITS

- Installed without measuring
- Reinforced construction
- High level of operational safety
- Low-maintenance operation and predictable maintenance intervals
- High abrasion resistance

MARATHON 2 M=S cross section



optibelt VB S=C Plus

CLASSIC V-BELTS

DIN 2215/ISO 4184



The **optibelt VB** is a classic among drive belts due to its manifold possible uses. Its qualities make themselves felt in difficult drives in agricultural mechanical engineering just as much as in extraordinary drive solutions, e.g. in low-cost belt drives in mechanical engineering. **optibelt VB** classic V-belts are S=C Plus and therefore can be used in sets without further measurement.

As a classic among V-belts, the **optibelt VB** has many uses in general mechanical engineering and also in special drives.

PROFILES

Y/6; Z/10; A/13; B/17;

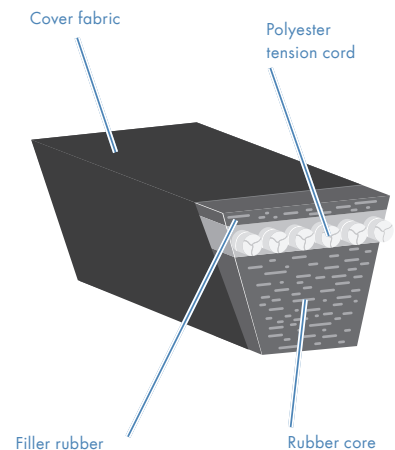
C/22; D/32; E/40

Further, non-standardised ISO profiles 5, 8, 20 and 25 are available. These profiles should however not be used due to reasons of exchangeability and rationalisation.

PRODUCT BENEFITS

- Excellent operational reliability
- Optimal running characteristics
- Equal power transmission
- Abrasion-resistant cover fabric
- Various special constructions
- Universal application

VB cross section

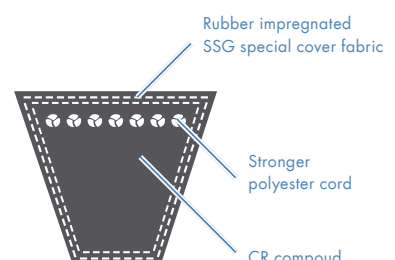


05 CONSTRUCTION V-BELT SUITABLE FOR BACK BENDING APPLICATIONS

A number of v-belt drive systems for Buses are developed requiring the belt to back bend. OPTIBELT have developed the **05 series belt** which is designed to back bend. This belt has the equivalent dimension's to that of a standard **optibelt VB** V-belts.

PRODUCT BENEFITS

- More flexible – Ability to backbend
- Better wear resistance
- Increased power transmission
- Better braking load
- Increased oil and wear resistant
- Improved heat resistance



optibelt TRUCK POWER KBX

KRAFTBANDS

RAW EDGE, MOULDED EDGE

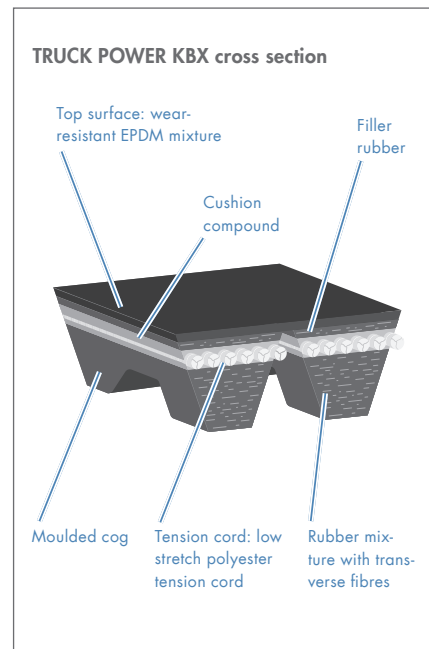


The **optibelt KBX** kraftbands are especially well suited for critical drive systems in commercial vehicles and buses. By means of their compact construction, vibrations of extended wheelbases can be considerably reduced. With tear resistant, transversely rigid top surface and precision-milled substructure, **KBX** kraftbands serve many vehicle manufacturers as a troubleshooter on high stress drives in air compressors, air conditioning units and ventilator fans.

PROFILES
AVX 10 – 2 ribs
AVX 13 – 2 ribs
XPB – 2 ribs
more profiles available on request
All common lengths are available

PRODUCT BENEFITS

- Low-maintenance operation
- Very smooth running
- No twisting in the belts
- Low level of vibration
- High abrasion resistance



optibelt

TRUCK POWER RBK

RIBBED BELTS

RIBBED BELTS, ELASTIC



The **optibelt RBK** is a high performance ribbed belt for all modern standard ancillary component drives in commercial vehicles and buses. New motor drives are becoming more and more compact, with small pulley diameters and low profiles common.

Extremely elastic and dimensionally stable, **optibelt RBK** ribbed belts adapt to the drive geometry accordingly.

They thread their way through the labyrinth of serpentine drives. Very quiet and smooth, the ribbed belt ensures complete control of all systems.

optibelt TRUCK POWER RBK ribbed belts ensure the ancillary equipment is driven in commercial vehicles and busses. The vibration-absorbing belts provide the generator, the air conditioning compressor and the power steering pump with the right spin.

PROFILES

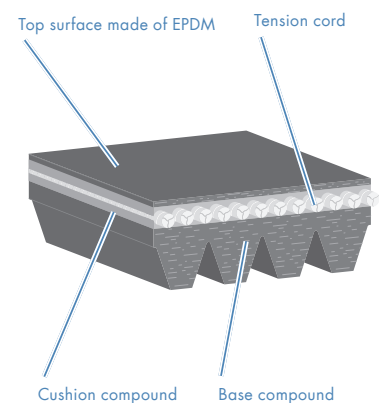
PK

All common lengths are available

PRODUCT BENEFITS

- High transmission ratio
- High power transmission
- Minimum slip
- Oil and temperature resistant to a high degree
- Vibration free and quiet
- Exceptional load capacity

TRUCK POWER RBK cross section



optibelt SUPER TX M=S

V-BELTS RAW EDGE, MOULDED COGGED DIN / ISO AND RMA / MPTA



The extraordinary flexibility of the raw edge, moulded cogged **optibelt SUPER TX M=S** V-Belts enables extremely small pulley diameters to be used.

High quality rubber compounds in connection with low stretch tension cords guarantee high power transmissions and increased operational life.

optibelt SUPER TX M=S V-Belts are unmeasured, can be used in sets and guarantee a wide performance range when it comes to high levels of efficiency.

PROFILES

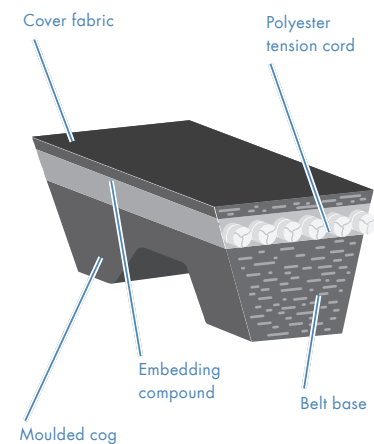
ZX/X10; AX/X13; BX/X17; CX/X22

Dimensions: 587 to 3,550 mm

PRODUCT BENEFITS

- Extremely small pulley diameters
- high rotational speeds
- extremely high power requirements
- higher ambient temperatures

SUPER TX cross section



optibelt SUPER X-POWER M=S

V-BELTS

RAW EDGE, MOULDED EDGE



Consistent further development of the production process, improved materials, low stretch polyester cords and optimised moulded cogs are the basis for this new belt generation.

optibelt SUPER X-POWER M=S allow complex drive solutions in the whole area of machine construction under the most difficult conditions and extreme operational demands.

PROFILES

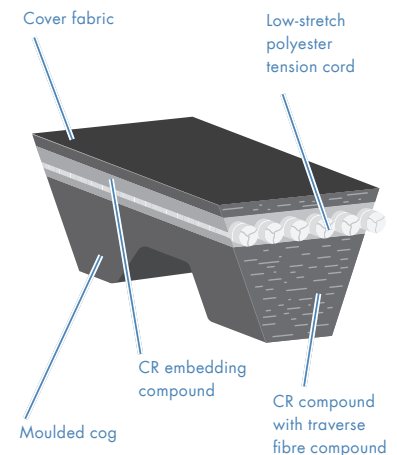
XPZ; XPA; XPB; XPC;
3VX/9NX; 5VX/15NX

Dimensions: 587 to 3,550 mm

PRODUCT BENEFITS

- High performance, raw edge, moulded cogged
- Increase in performance of up to 15%
- Extremely low stretch
- Extended maintenance intervals/low maintenance
- Optimised running characteristics
- Excellent heat and oil resistance
- M=S Set Constant; can be used in sets without further measurement
- Energy and weight saving

SUPER X-POWER cross section



optibelt RED POWER 3

THE ONLY MAINTENANCE FREE V-BELT

- ✓ Increase repair intervals
- ✓ No re-tension required
- ✓ Up to 50% higher power ratings
- ✓ Reduce bearing loads
- ✓ Suitable for back bend idlers
- ✓ Match-free
- ✓ Extended service life
- ✓ Less downtime





optibelt
OPTIKRIK O, I, II, III



optibelt
MEASURING GAUGE



optibelt
TT



optibelt
LASER POINTER II

PRODUCT BENEFITS

- Simple 1-button operation
- Compact detecting element, even in the case of narrow engine compartments and areas that are difficult to access
- Well readable LCD display
- Automatic shut-down after 3 min.
- Acoustical measuring signal



Optibelt Australia Pty. Ltd.

114-118 Rodeo Drive

Dandenong

Victoria 3175

T +61 3 8791 2700

F +61 3 8791 2799

E sales@optibelt.com.au

Brisbane branch

Unit 2 / 2 Jenner St

Nundah

Qld 4012

T +61 7 3256 7997

F +61 7 3256 8599



www.optibelt.com