

CONTI SYNCHROFORCE®

Kraftvoll im Anzug  
Powerful Performance

# CONTI SYNCHROFORCE® CXA

Hochleistungszahnriemen für  
höchste Drehmomente  
Heavy-duty timing belts  
for highest torque levels

Power Transmission Group





# CONTI SYNCHROFORCE® CXA

**Hochleistungszahnriemen für langsamlaufende Antriebe – drehmomentstark bei extremer Belastung**

**Heavy-duty timing belts for slow-speed drives – high-torque under extreme loads**

Der CONTI SYNCHROFORCE® CXA verbindet höchste Zugfestigkeit mit sicherer und dauerhafter Übertragung höchster Drehmomente. Bei Riemengeschwindigkeiten bis zu 20 m/s sorgt das neuartige Compounding für den zuverlässigen Betrieb von Antrieben mit höchsten Drehmomentlasten. Speziell im unteren Drehzahlbereich wird durch die neu entwickelte, NBR-basierte Hochleistungsmischung die extreme Zugfestigkeit erreicht.

The CONTI SYNCHROFORCE® CXA combines exceptionally high tensile strength with reliable sustained transmission of extremely high torque levels. At belt speeds of up to 20 m/s, the innovative compounding ensures reliable operation of drives with extremely high torque loads.

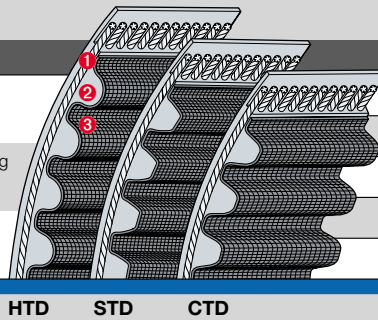
Den CONTI SYNCHROFORCE® CXA gibt es in drei Profilen und zwei Teilmengen. Dadurch ist eine optimale Anpassung an jeden Einsatzfall möglich. Höchste Präzision im dauerhaften Betrieb bei gleichzeitig hoher Wirtschaftlichkeit machen ihn zum unschlagbaren Argument in der industriellen Antriebs-technik.

Thanks to the newly-developed NBR-based high-performance compound, the belt has an extremely high tensile strength, especially in the lower torque range.

The CONTI SYNCHROFORCE® CXA is available with three different profiles and two pitches, so the right belt can be selected for any specific application. Utmost precision in constant operation with consistently high efficiency make the belt unbeatable in the field of industrial power transmission technology.

## Aufbau / Design

Aufbau / Design		CXA
1	<b>Zugstrang</b> Tension member	Aramid aramide
2	<b>Compound</b>	NBR-basiertes Compounding NBR-based compounding
3	<b>Gewebe</b> Fabric	spezial präpariert specially calendered



## Abmessungen / Dimensions (mm)

Abmessungen / Dimensions (mm)		Profil / Profile	
		<b>HTD 8M</b>	288–3808
		<b>HTD 14M</b>	966–4578
		<b>STD S8M</b>	440–2848
		<b>CTD C8M</b>	auf Anfrage / on request
		<b>CTD C14M</b>	auf Anfrage / on request

## Übergreifende Eigenschaften

Temperaturbeständigkeit anwendungsspezifisch  
von –20 °C bis +100 °C

überwiegende Ölbeständigkeit (ASTM01) und  
Tropentauglichkeit

## General properties

suitable for temperatures ranging from –20° C to  
+100° C according to application

predominantly resistant to oils (ASTM01), unaffected  
by tropical climates



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